PR - BELCOURT 76(1) #3

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GEOLOGICAL BRANCH
ASSESSMENT REPORT

00 463

B E L C O U R T P R O J E C T

GEOLOGICAL REPORT

MARCH 1979

DENISON MINES LIMITED

COAL DIVISION

VANCOUVER, B.C.

PREFACE

This report is primarily intended to present all of the geological data obtained from the 1978 exploration programme undertaken by the Belcourt Joint Venture.

Due to the early stage of the exploration of the Belcourt Property it must be emphasized that all interpretations and calculations presented in this report are preliminary in nature and have been completed to make only a very broad assessment of the entire property and to assist in the guidance of further exploration programmes.

BELCOURT PROJECT

GEOLOGICAL REPORT

MARCH 1979

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1.1 SUMMARY

1.1.1 GEOLOGY

1.1.1.1 Regional Geology

The Belcourt Property is located within the northwesterly trending Rocky Mountain Foothills belt of northeastern British Columbia. Folded and faulted Lower Cretaceous sediments within the Gates Member of the Commotion Formation have been found to contain up to nine coal zones, ranging in aggregate mining thickness to 23.18 metres. Coal zones of lesser significance have also been located in the Gething Formation and Minnes Group.

1.1.1.2 Geology of the Proposed Open Pit Areas

Potential open pit areas were delineated in the Red Deer, Holtslander North, Ptarmigan and Omega Blocks after reviewing the regional interpretation of the structure and seam development. Additional work may outline other potential pit areas.

1.1.2 RESERVES

1.1.2.1 Potential Regional Reserves

The Belcourt Property is estimated to contain in excess of 1.1 billion tonnes of potential in place raw coal to a depth of 500 metres.

1.1.2.2 Potential Reserves of Proposed Open Pit Areas

A total of 356 million tonnes of potential in place raw coal reserve has been estimated within the four proposed open pit areas

at plant feed strip ratios ranging from 10.8:1 to 12.8:1 (bank cubic metres to plant feed tonnes). If geological confidence factors used in the present evaluation can be raised with further exploration, the plant feed strip ratios will decrease.

1.1.3 QUALITY

1.1.3.1 Regional Quality

Weighted averages of the Belcourt Property clean coal analyses indicate that ash, sulphur and phosphorous content are low (less than 7.5%, 0.4% and 0.04% respectively). Low volatile coal (19% volatiles) with F.S.I. values in the 5-5.5 range is characteristic of the southern portion while a medium volatile coal (25% volatile) with F.S.I. values in the 6-6.5 range predominate in the north.

1.1.3.2 Quality of Proposed Open Pit Areas

Simulated product analyses suggest that coal quality from the proposed open pit areas generally will not vary substantially from pit to pit, except for the volatile content. Volatiles from the two southern open pit areas will average about 19% (a.d.b.) while the volatiles in the two northern open pit areas will average near 25% (a.d.b.). Ash, sulphur and phosphorous content should not exceed acceptable limits.

1.2 INTRODUCTION

The Belcourt Joint Venture was formed between Denison Mines Limited and Gulf Oil Canada Limited on April 7, 1978. Subsequently field work on the Belcourt Property commenced in June and was terminated in November 1978. The following is a list of the main objectives of the 1978 programme:

1. To map the geology of the property in as much detail as was possible during the field season particularly with reference to new licence areas which were acquired on April 10, 1978.
2. To complete diamond drill holes throughout the property to obtain estimates of the variation in coal thickness and continuity in the Gates Member of the Commotion Formation and to a lesser extent in the Gething Formation.
3. To conduct tests on samples taken from the drill core to evaluate the chemical, washability and coking characteristics of the coal.
4. To instigate baseline environmental studies during the course of the exploration season.
5. To evaluate the geology, quality and potential reserves resulting from the 1978 programme as a guide for further exploration programmes.

1.3 PROPERTY DESCRIPTION

1.3.1 LOCATION AND SIZE

The Belcourt Property is located along the Rocky Mountain Foothills belt of northeastern British Columbia (Figure 1.3.1.1) between $54^{o}20'$ to $54^{o}40'$ latitude and $120^{o}00'$ to $120^{o}40'$ longitude. The property extends from the Alberta-British Columbia border northwest to the Wapiti River, a distance of 50 kilometres, and covers a total area of 46, 961 hectares (116,039 acres).

1.3.2 COAL LICENCES

The property consists of a total of 180 contiguous coal licences (numbers 2822 - 2850 inclusive and numbers 3713 - 3863 inclusive) which are illustrated on Figure 1.3.2.1. A listing of the licences has been included as Appendix 1.1 at the end of this text.

1.3.3 ACCESS

The network of main road systems which provide access from the Town of Dawson Creek, B.C. (population 14,000) and the City of Grande Prairie, Alberta (population 17,600) to the Belcourt Property are shown in Figure 1.3.3.1. The various route distances are summarized as follows:

1)	Central Belcourt to Dawson Creek via Proposed Flat Bed Townsite and Fellers Heights	261 Kilometres
2)	Central Belcourt to Dawson Creek, B.C. via the Boundary Road	227 Kilometres
3)	Central Belcourt to Grande Prairie, Alta. via the Monkman Road	235 Kilometres

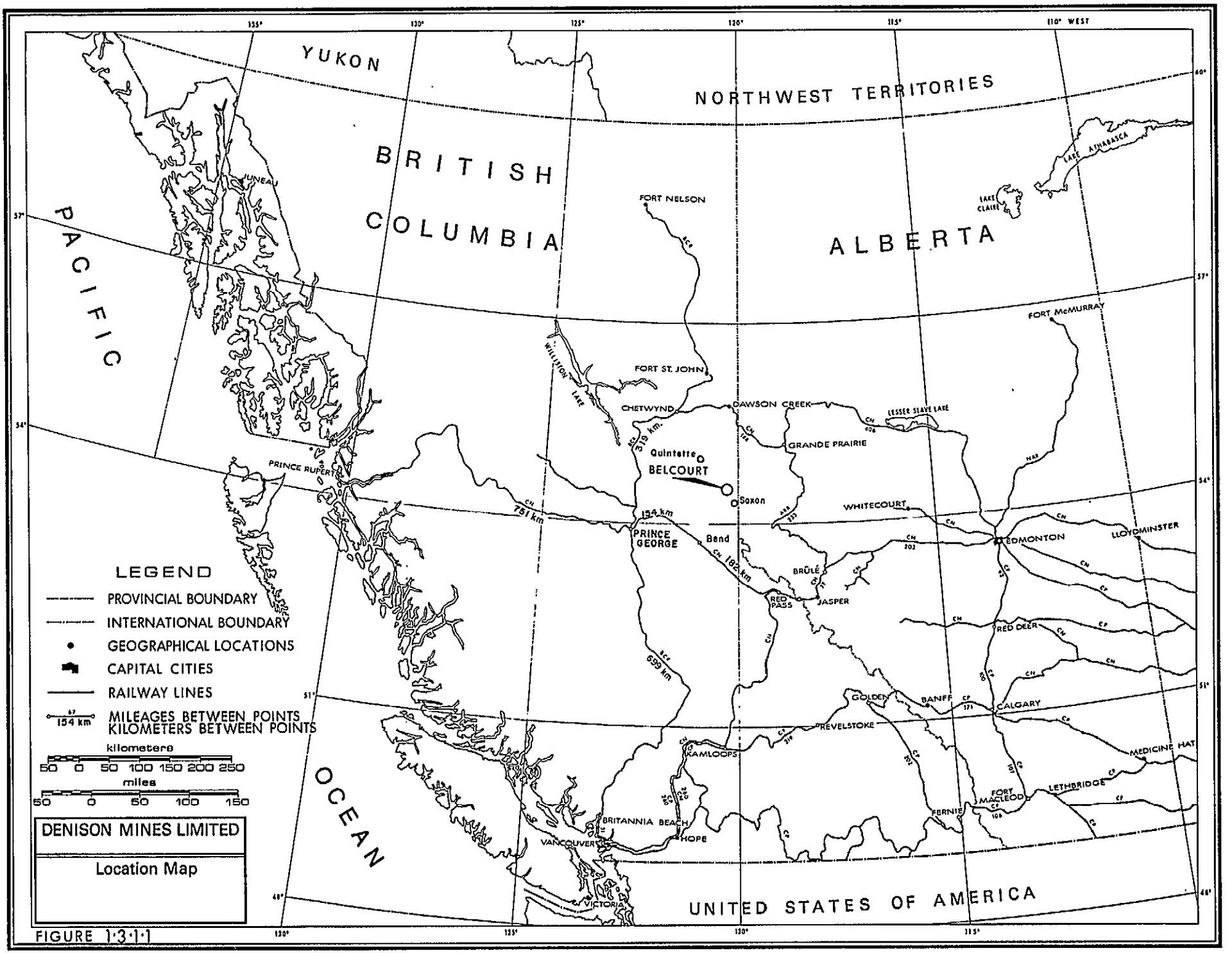
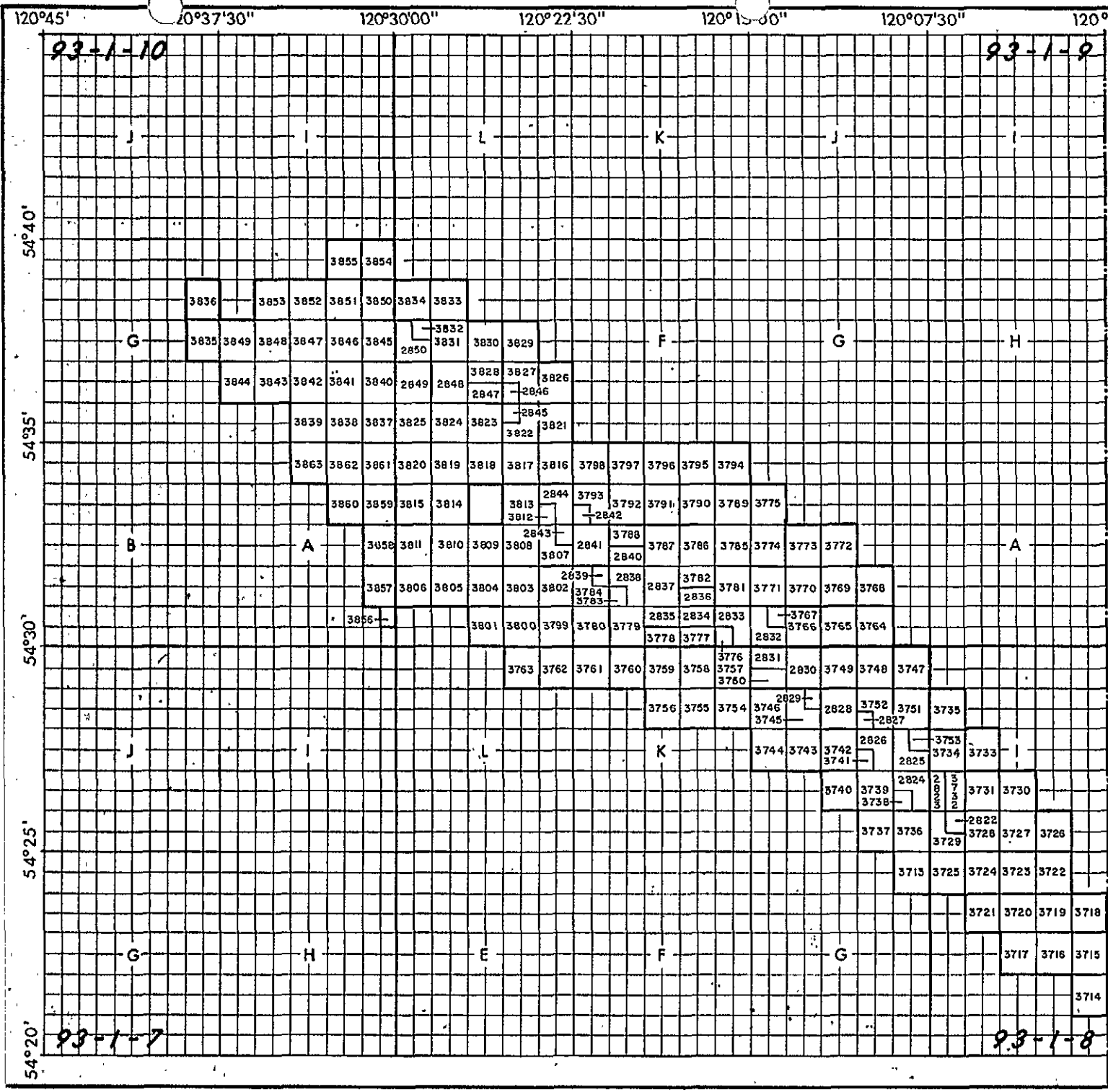

YUKON
NORTHWEST TERRITORIES
BRITISH COLUMBIA
ALBERTA
PACIFIC OCEAN
UNITED STATES OF AMERICA
FORT NELSON
FORT McMURRAY
FORT ST. JOHN
CHETWYND
DAWSON CREEK
GRANDE PRAIRIE
LESSER SLAVE LAKE
LAKE ATHABASCA
LAKE CLAIRE
WILLISTON LAKE
PRINCE RUPERT
Quintette
BELCOURT
Saxon
WHITECOURT
PRINCE GEORGE
Bend
BRULÉ
RED PASS
JASPER
EDMONTON
LLOYDMINSTER
RED DEER
CALGARY
BANFF
GOLDEN
REVELSTOKE
KAMLOOPS
MEDICINE HAT
LETHBRIDGE
FORT MACLEOD
FERNIE
BRITANNIA BEACH
VANCOUVER
HOPE
VICTORIA
751 km
154 km
315 km
699 km
192 km
LEGEND
PROVINCIAL BOUNDARY
INTERNATIONAL BOUNDARY
GEOGRAPHICAL LOCATIONS
CAPITAL CITIES
RAILWAY LINES
MILEAGES BETWEEN POINTS
KILOMETERS BETWEEN POINTS
kilometers
50 0 50 100 150 200 250
miles
50 0 50 100 150
DENISON MINES LIMITED
Location Map

FIGURE 1·3·1·1



DENISON MINES LIMITED
(COAL DIVISION)
CALGARY ALBERTA

0 5 10
KILOMETRES

BELCOURT COAL LIMITED

SCALE · 1 : 250,000

FIGURE 1·3·2·1

COAL LICENSES

APRIL 28, 1978

DENISON MINES LIMITED
ROAD ACCESS

REVISED AUG.,1978

FIG. 1.3.3.1.

HYPSOMETRIC TINTS

Feet	Metres
9843	3000
8202	2500
6562	2000
4921	1500
3281	1000
1640	500

REFERENCE

- Town, population 5,000 - 25,000 — GRANDE PRAIRIE
- Town, population 500 - 5,000 — Jasper
- Town, population under 500 — Kinuso
- Contours (in metres)
- Power line
- Pipeline
- Elevation (in metres) — 1449.
- Railway
- Main highway — (2)
- Secondary road
- Other roads
- Track or trail
- Provincial boundary
- Gas or oil field
- Airport

SCALE 1:1,000,000

Kilometres 10 5 0 10 20 30 40 50 60

1 Millimetre = 1 Kilometre

Statute Miles 10 5 0 10 20 30 40

1 Inch = 15.78 Statute miles

LEGEND

- APPROXIMATE DISTANCE BETWEEN POINTS (km) — 76
- PAVED HIGHWAY
- ALL WEATHER (DIRT ROAD)
- LIMITED ACCESS (4 W.D. ROAD)

Lambert Conformal Conic Projection

Map information obtained from Department of Energy, Mines and Resources, Ottawa.

At present the main road system terminates at a gas well location (b-57G93-I-9) which is approximately 5.5 kilometres east of the Belcourt licence boundary in the central portion of the property near Holtslander Creek. A secondary road system splits from the main route near the Wapiti River and extends for a distance of approximately 9 kilometres up Little Prairie Creek to an abandoned gas well location which was used as the camp location for the 1978 exploration programme. At the present time the only means of surface access to the southern parts of the property are on limited seismic lines, some of which are connected to the access route which services the Saxon Coal Property.

1.3.4 BIOPHYSICAL ENVIRONMENT

Baseline environmental studies and an ongoing literature review were initiated in 1978. Field studies were conducted by Denison Mines Limited, Aquatic Environments Ltd., and Stevenson International Groundwater Consultants Ltd. Studies included:

1) seasonal aerial wildlife surveys,
2) seasonal fish population studies,
3) seasonal benthic invertebrate studies,
4) seasonal measurement of discharge and water quality parameters for major streams and selected tributaries,
5) a preliminary hydrogeological and terrain survey, and
6) preliminary vegetation studies.

Belcourt straddles two major physiographic regions, the Alberta Benchlands Plateau and the Rocky Mountain Foothills, with elevations ranging from 900-2000 metres. The climate is severe, featuring long cold winters (with frost-free periods shorter than 20 days in some alpine areas); strong winds prevailing from the southwest; and annual precipitation estimated at 425 mm with 40% or more falling as snow.

The general distribution of surficial materials and soils is as follows:

1) High elevation foothills are overlain by colluvium. Below treeline, Brunisolic soils dominate shallow colluvium on steeper slopes; Podzols develop in areas with a better moisture supply. In alpine areas, very poorly developed Regosolic soils subject to frost-heaving are dominant. Gullying and snow avalanching are common

2) The lower elevation foothills and much of the benchlands are overlain by finer-textured morainal deposits with associated Luvisolic soils

3) Surficial deposits of more minor areal extent include fine-textured, erosion-suspectible lacustrine materials (Wapiti and Belcourt-Huguenot Valleys); scattered organic deposits (most extensive in the Little Prairie, Holtslander, and Pika Creek areas); glacio-fluvial fans and terraces in the major valleys with minor meltwater channels in Little Prairie, Holtslander, and Pika Creek drainages; and limited active fluvial deposits in all major drainages.

The major drainage system is the northeast flowing Wapiti River and its tributaries, Red Deer Creek, Belcourt Creek, and the Narraway River. The water in these streams is generally hard, alkaline and clear, and most parameters meet drinking water standards except during freshet periods. Major spawning populations of sport fish include dolly varden char (Red Deer, Belcourt, Narraway) and mountain whitefish (Red Deer, Narraway), with minor populations of grayling also present. Small tributaries not blocked by migration barriers appear to be important fish-rearing areas.

Vegetation in the area is predominantly boreal to subalpine coniferous forests in mid-to-late fire successional stages (dominant trees: lodgepole pine, alpine fir, white or Engelmann spruce). Also represented are 1) deciduous and mixed seral stands in the Belcourt and Red Deer Valleys respectively (deciduous component: balsam poplar, aspen, and/or willow); 2) extensive non-productive shrubland in the Huguenot Valley; 3) bogs and edaphic climax black spruce stands (common in the Holtslander-Pika Creek area); 4) and scattered mature climatic climax spruce-fir

stands in the headwaters of several tributaries. Forest productivity on almost all sites is poor to low. Extensive alpine vegetation types sensitive to disturbance occur above 1700 metre elevations.

Big game sighted in the area included moose (common); caribou and elk (a few small groups); mule deer (single sighting); mountain goat (2 lone animals on the property with nearby populations on Belcourt Mountain and in the canyons near the Belcourt-Holtslander confluence); black bear; grizzly bear; and wolf.

Severe winter conditions probably limit most ungulate populations.

1.4 EXPLORATION WORK SUMMARIES

1.4.1 EXPLORATION WORK PRIOR TO 1978

The original Belcourt Property was acquired in the fall of 1970. Work undertaken on the licences prior to the 1978 exploration programme can be summarized as follows:

- 1972 - Aerial photography and initial topographic mapping
- 1975 - Further aerial photography and a ground control survey followed by geological mapping
- 1976 - Preparation of topographic maps followed by further geological mapping and the completion of two diamond drill holes (B-HS-D-7601, B-RD-D-7602)
- 1977 - Limited geological mapping, hand trenching and section measurement.

1.4.2 THE 1978 EXPLORATION PROGRAMME

1.4.2.1 Survey Control and Topographic Mapping

The original Belcourt Property (pre 1978) which covered 5,262 hectares was covered by 1:5000 metric map sheets. However, an additional 41,699 hectares were acquired on April 10, 1978. It was decided to complete preliminary 1:25,000 map coverage for the entire property by utilizing the existing 1:5000 sheets and where necessary using government 1:50,000 sheets. In addition, it was necessary to obtain 1:5000 map coverage for the new property area to facilitate geological mapping. To accomplish this, 17 new photogrammetric control points were established in April 1978. The complete 1:5000 map sheets form the base maps for detailed geology presented in this report and the preliminary 1:25,000 map sheet forms the base map for the presentation of regional geology. In addition to the survey and cartographic work mentioned, all

diamond drill hole locations were surveyed. A listing of Belcourt survey control points and more detailed description of the procedures used in the survey and cartography have been included in Appendix 1.2.

1.4.2.2 Geologic Mapping

The 1978 programme involved detailed geologic mapping of the Belcourt roperty at a scale of 1:2500. The work was accomplished by five crews each consisting of a geologist and an assistant. The crews were air supported, predominantly by Hughes 500 helicopters. Outcrops were plotted on 1:2500 scale map sheets enlarged from 1:5000 base maps. A modified plane table method was incorporated in which the traverses were controlled with a 50 metre chain and a Silva compass attached to a portable mapping board. A hand-held clinometer was used to correct for variations in slope. Traverse starting and/or end points were generally located on survey control markers or obvious topographic points. Aerial photographs were used in conjunction with the topographic maps to verify locations and outcrop patterns. Field observations were transferred onto 1:5000 topographic base maps in the field. office.

1.4.2.3 Hand Trenching

A hand trenching programme was undertaken by up to 5 two-man teams under the direction of a geologist. This work was supported by helicopter with the objective of exposing seam sections above the tree line where overburden was minimal and where coal spoil or subcrop had been identified during the course of geological mapping traverses. Trenches were approximately 0.6 metres wide and to a depth of about 1.5 metres. Where possible, the

trenches were logged for detailed coal seam lithologies. However, this procedure was dependent on the amount of overburden and surface weathering encountered. A total of 277 trenches were dug during the programme, of which 195 were logged. The detailed trench logs are included in Appendix I. All trench locations were surveyed, labelled and located on respective geological base maps.

1.4.2.4 Diamond Drilling

Sixteen diamond drill holes were completed during the 1978 programme for a total of 5,365 metres of drilling. Three Longyear 44 drill rigs and one Boyles 45-A rig which were equipped with 5 and 10 foot wireline core barrels were utilized to obtain H.Q. core. One drill hole was completed with N.Q. core. The drilling programme was completely supported by helicopter with the exception of hole BD 7812. Weighted average core recovery within coal bearing sections was 63.9 percent. Table 1.4.2.4.1 summarizes the 1978 drill core recoveries. A further listing of drill hole locations, drill hole angles and down hole deviation survey data is presented in Appendix 1.3. Drill hole locations are noted on all regional and detailed geological plans and cross sections.

1.4.2.5 Geophysical Logging

All drill holes except those which did not intersect the targetted coal bearing formation (i.e. BD 7804 and BD 7805) were geophysically logged. The following responses or tests were run on most of the drill holes:

1. Gamma ray
2. Sidewall densilog
3. Neutron
4. Focussed beam resistivity
5. Caliper
6. Directional survey

Table 1.4.2.4.1

SUMMARY OF THE 1978 BELCOURT DIAMOND DRILLING PROGRAMME

Hole #	Coal Recovery %	Area	Total Depth metres	Formation
7801	66.07	Holtslander N.	481.43	KCm(g), KMb, KGt
7802	87.34	Red Deer	504.12	KCm(b), KCm(h), KCm(g), KMb
7803		Holtslander S.	295.31	KSh
7804		Holtslander S.	117.65	KSh
7805	23.43	Holtslander S.	434.82	KCm(g), KSh, KCm(b), KCm(h)
7806	64.14	Omega	533.70	KCm(g)
7807	90.86	Red Deer	286.82	KCm(g)
7808	63.39	Huguenot	467.85	KCm(g), KMb
7809	47.33	Ptarmigan	197.60	KCm(g)
7810	78.54	Red Deer	516.10	KCm(g), KMb, KGt
7811	15.48	Holtslander S.	175.46	KMb, KGt, KCd, KNK
7812	61.79	Red Deer	401.98	KCm(g)
7813		Ptarmigan	108.48	KCm(g)
7813A	(no core - abandoned)		34.74	
7814	60.89	Holtslander N.	365.06	KCm(g)
7815	76.78	Huguenot	152.65	KMb, KGt
7816	68.24	Holtslander N.	291.40	KCm(g)

weighted average 63.9%

TOTAL: 5365.17 metres

These logs were run at a general scale of 1:200 and supplemented by gamma, neutron, focussed beam resistivity and sidewall densilog runs made over economic coal bearing intervals at a detailed scale of 1:20. Paper log prints were prepared in the field to assist in core logging and correlation and all logs were also recorded on cassettes to facilitate future computer applications with the geophysical data. A complete set of logs has been presented in Appendix IV.

1.4.2.6 Drill Core Logging and Sampling

The drill core was logged by geologists who recorded the basic lithologies, primary sedimentary structures, fossiliferous zones, stratigraphic marker horizons and any structural features, particularly folds and faults. The angle between bedding and a line perpendicular to the core axis (B.C.A.) was also recorded. Coal seams, including roof and floor strata, were logged in great detail with close reference to the detailed geophysical logs.

The drill core logging is presented as strip logs drafted to a 1:200 scale with coal seams detailed to 1:50 scale. These logs, along with written descriptive logs, are appended to this report in Appendices VII and II respectively.

During the logging procedure, coal core was classified according to the estimated percentage of ash content. The lustre of the various coal types and relative specific gravities with (close reference to the detailed density log) were the key elements used in the estimates. The following are the designated coal types which are based on increasing percentage of ash content:

COAL TYPE	ASH %
C-1	0-10% ash
C-2	11-20%
C-3	21-30%
C-4	> 30%

The relationship of actual specific gravity to ash content based on the results of 40 samples from BD 7802 is presented in Figure 1.4.2.6.1. The relationship illustrated in this figure is a result of a "best fit" using a least squares linear regression.

Once the visual logging was completed all the drill core from seams in excess of 0.5 metres in true thickness was sampled and sent to the laboratory for analyses. At the end of the field season, the remaining core was shipped from the property to the B.C. Ministry of Mines Core Facility at Charlie Lake, British Columbia.

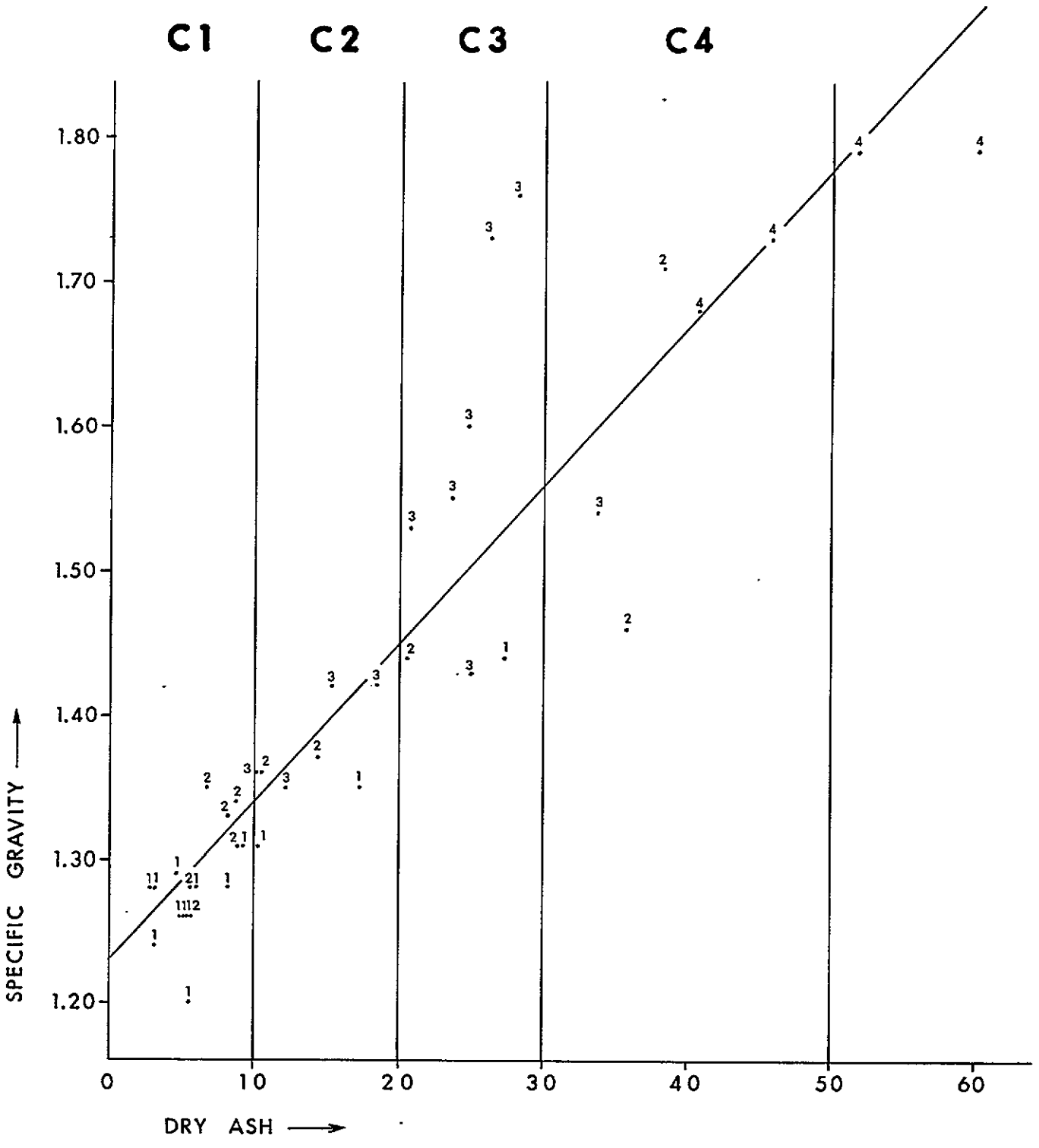
1.4.2.7 Drill Core Analysis

Evaluation of the chemical, rheological, petrographic and coking characteristics of the coal core has been undertaken. The details of the analytical procedures and all results available to date are further discussed in Section 4.0 of this text.

1.4.2.8 Road Construction and Maintenance

The only road work which took place during 1978 was the upgrading and maintenance of approximately 9 kilometres of access road located in the Little Prairie Creek Valley. One diamond drill site was subsequently built just off this road system toward the end of the exploration programme.

FIGURE 1·4·2·6·1



COAL CLASSIFICATION
% DRY ASH VS. SPECIFIC GRAVITY

BASED ON LABORATORY ANALYSES OF 40 SAMPLES FROM BD-7802.
NUMBERS ADJACENT TO POINTS ARE ASSIGNED C-VALUES AS LOGGED IN CORE.

1.4.2.9 Field Camp

The 48 man field camp which was established on the Little Prairie Creek road consisted of a kitchen, dining, recreation and first aid complex plus sleeping complexes, 3 office units, 2 core logging tents and a fire fighting equipment shed. Power was supplied from a diesel generator and camp water was drawn from Little Prairie Creek. The camp was winterized and closed on November 7, 1978.

1.4.2.10 Reclamation and Environmental Baseline Studies

Reclamation

The environmental disturbances associated with the 1978 exploration programme were very minimal since the Belcourt campsite was established on a previously built access road and since all but one of the drill holes (BD 7812) were helicopter supported.

The campsite and drill sites were fertilized and seeded at the end of the programme and a report on this work was filed with the Inspection Branch of the B.C. Ministry of Mines.

Environment

Environmental baseline studies as required under the B.C. Government's guidelines for coal development were instigated by Denison staff with assistance from consultants during the 1978 field season. The compilation of the data obtained from these studies is currently in progress and is to be reported under separate cover.

1.4.2.11 Project Management and Contractors

The Belcourt Joint Venture is managed by the Coal Division of Denison Mines Limited. The following professional and technical members of the Denison staff contributed to the 1978 exploration programme:

A. Johnson	Manager of Exploration and Marketing
G. Gormley	Chief Geologist
R. Sagi	Project Geologist
S. Santiago	Project Geologist
I. Delas	Project Geologist
M. Duford	Senior Geologist
D. Johnson	Senior Geologist
M. Simpson	Geologist
W. Prescott	Geologist
F. Gigliotti	Geologist
H. Madieski	Geologist (Temporary)
R. Shields	Field Manager
T. Lemieux	Field Manager and Surveyor
H. Bryan	Field Accountant
B. Switzer	Environmental Coordinator
K. Pomeroy	Biologist

B. Flynn, Geologist, of Gulf Oil Canada Limited also provided valued assistance to the programme in working with the Denison team both in the field and office.

A. Johnson became Manager for Coal - Gulf Oil Canada Limited on December 1, 1978 with G. Gormley assuming responsibilities as Exploration Manager for Denison.

Contractors

Type of Work Performed	Contracting Company
1) Diamond Drilling	Shepherd Enterprises Ltd. Canadian Longyear Ltd. Acadia Drilling Ltd. Connors Drilling Ltd.
2) Geophysical Logging	Roke Oil Enterprises Ltd.
3) Cartography	R.M. Hardy & Associates
4) Surveying	D.E. Watson
5) Light Turbine Helicopters	Quasar Aviation Highland Ltd. Liftair

6)	Freight Helicopters	Kenting Helicopters Associated Helicopters Okanagan Helicopters
7)	Field Camp	Territorial Leasing Ltd.
8)	Catering	Westcamp Construction Catering Ltd.
9)	Fuel	Gulf Canada
10)	Trucks	Bowmac Truck Rentals
11)	Heavy Equipment	Tompkins Contracting Ltd.
12)	Environmental Consultants	Aquatic Environments Ltd. Stevenson International Groundwater Consultants Ltd.
13)	Drill Core Analysis	General Testing Laboratories Cascade Coal Petrography Energy, Mines and Resources - CANMET
14)	Computer Services	Computer Sciences Canada Ltd.

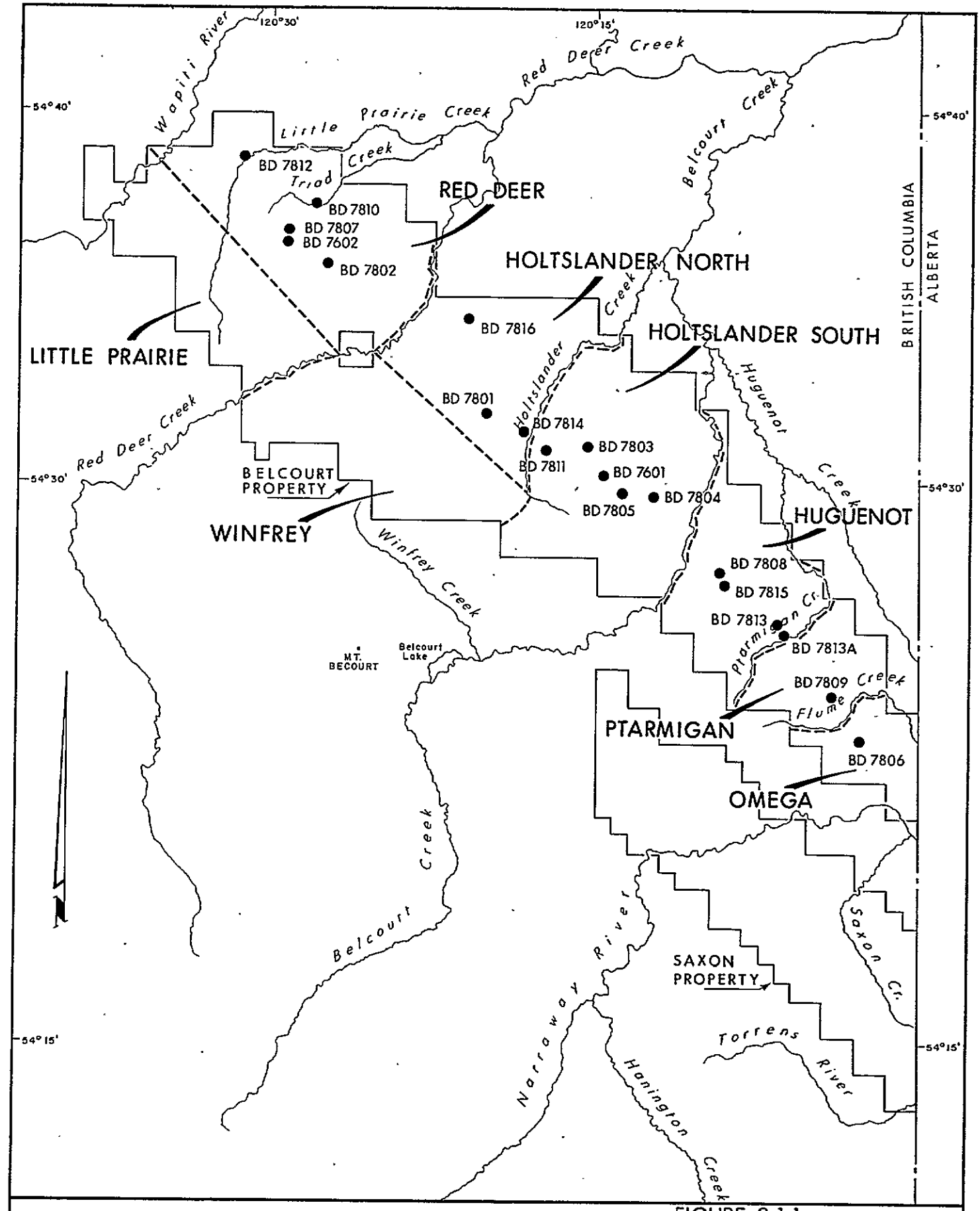
2.1 REGIONAL GEOLOGY

The Belcourt Property has been subdivided into 7 geological blocks which are illustrated on Figure 2.1.1. The property lies within the Rocky Mountain Foothills structural belt and all major structures within the coal licences generally conform to the northwest-southeast trending strike of this belt. The property is comprised of complexly faulted and folded sediments of Triassic, Jurassic and Cretaceous age. The geology of the property is further outlined on the Regional Geology map presented in Appendix 2.1 and in the Detail Geology, Section 2.2.

The dominant structural feature of the property is the Belcourt Anticlincorium. A generalized structural setting for the property is illustrated on Figure 2.1.2.1.

The anticlinorium's southwest limb and portion of the northeast limb are structurally simple and consist mainly of Jurassic Minnes Group sediments. Fernie Formation and unclassified Triassic limestones occur along the core of the anticlinorium. Tight, contorted chevron plications and broad, open folds reflect the contrasting lithology of the upper and lower parts of the Minnes Group sediments respectively. The northeast limb of the anticlinorium which is complexly faulted and folded constitutes the major portion of the property. It is composed of a complete stratigraphic succession from the Minnes Group sediments at the base to Upper Cretaceous strata at the top. The Table of Formations is presented on Table 2.1.1.

Work to date has defined that the coal seams of the Gates Member, Commotion Formation have sufficient thickness and lateral extent as well as the required quality to constitute a reserve potential. Nine major coal zones have been identified. (The non-marine sediments of the Upper Minnes Group and the Gething Formation also



LEGEND

BD7801 DIAMOND DRILL HOLE

FIGURE 2-1-1

BELCOURT GEOLOGICAL BLOCKS

SCALE 1:250,000

BLCR 79-0838-R01

TABLE 2.1.1

TABLE OF FORMATIONS - Belcourt Property

SERIES	GROUP		FORMATION	THICKNESS(m)	LITHOLOGY
Upper Cretaceous	Smoky	Kaskapau	Opabin Mbr.[1] Haven Mbr.[1] Vimy Mbr.[1] Sunkay Mbr.[1]	259-853	Dark grey marine shales, divided into four members by their calcareous or sideritic content and by the occurrence of concretions. The basal part contains much siltstone which in places grades into sandstone.
	Fort St. John	Dunvegan[1]		107-366	Fine to coarse grained sandstone; conglomerate.
		Shaftesbury	Cruiser[2] Goodrich[2] Hasler[2]	639±	Dark grey marine claystone with sideritic concretions fine grained sandstones in middle section and at base where it is also silty.
		Commotion	Boulder Creek Mbr.	86	Well sorted non-marine sandstone and conglomerate minor carbonaceous claystone; thin coal seams near base.
			Hulcross Mbr.	54	Dark grey marine shale and siltstone; basal portion conglomeratic.
			Gates Mbr.	305-318	Fine to coarse grained lithic sandstone, conglomerate, coal and claystone.
		Moosebar		70	Dark grey marine shale grading into interbedded siltstone and sandstone at top; basal part characterized by thin layer of conglomerate.
Lower Cretaceous	Bullhead	Gething		70	Fine to coarse grained, calcareous sandstone, with conglomerate and coal. Upper portion glauconitic.
		Cadomin		4-161	Massive conglomerate containing chert and quartzite pebbles, some quartzose sandstone.
	~~Uncomformity~~				
	Minnes	Unnamed[3]		823-1920	Monotonous interbeds of claystone-siltstone and sandstone, numerous thin coal seams, conglomerate.
		Monach[3]			
		Beattie Peaks[3]			
		Monteith[3]			
Jurassic		Fernie		194-540[4]	Calcareous and phosphatic shales; rusty weathering shale; glauconitic siltstone; sideritic shale, thinly interbedded sandstone, shale and siltstone.
	~~Disconformity~~				
Triassic		Pardonet		82[5]	Dark grey to dark brownish grey weathering, carbonaceous-argillaceous limestone and siltstone, in approximately equal proportions.[5]

1. The Kaskapau and Duvegan Formations were not differentiated in the 1978 mapping but were grouped as Upper Cretaceous sediments. Thicknesses are from Stott (1967, 1968).

2. The Shaftesbury Formation was not differentiated into its Foothills' recognizable members.

3. The Minnes Group was not differentiated in the 1978 mapping but is shown in geological maps and cross-sections as Nikanassin Formation (KnK). Thickness range from Ziegler and Pocock (1960) and Warren and Stelck (1958).

4. Lithology from Stott (1973) and thickness from Frebold (1957).

5. Lithology and thickness from Gibson (1972). Gibson considers the Sukunka River area as the southern limit of exposure of the Pardonet Formation and that underlying disconformably the Fernie Formation are the dolostone-limestone members of the Whitehorse Formation. Field mapping in the Red Deer Valley indicated calcareous sediments with a thin limestone breccia near the base that can be assigned to the Pardonet Formation.

contain coal bearing horizons, the latter being more significant.) The stratigraphic sequence and coal zones encountered in the 1978 drilling programme are summarized on the drill hole correlation chart presented in Appendix 2.1.

2.1.1 REGIONAL STRATIGRAPHY

The oldest and youngest sediments are found along the south-western and northeastern boundaries of the Belcourt Property respectively. The description of the formations within the stratigraphic column are described below.

2.1.1.1 Minnes Group

The Lower Cretaceous - Upper Jurassic Minnes Group sediments outcrop on most of the Winfrey and Little Prairie Blocks as well as along the western edge of the entire property. These sediments generally form the base of the stratigraphic section and have been differentiated into four formations north of Belcourt Property. No classification of Minnes Group strata has been attempted on the Belcourt Property. However, all of these strata are designated on the geological plans and sections as Nikanassin Formation (KNk).

The upper portion, usually highly deformed in the map area, consists of an interbedded sequence of chert and quartzite pebble conglomerate, grey to brown, fine to coarse grained, thinly bedded and laminated, micaceous sandstone; grey to brown siltstone; claystone and coal. The sandstone units vary from 2 to 5 metres in thickness with bedding ranging in thickness from a few centimetres to a half metre. Occasional cross-bedding and small pebble bands are present. Weathering is characteristically light grey and tan. A chert and quartzite pebble conglomerate unit, similar in thickness to the

sandstones, was also mapped within this sequence. Tan to orange weathering siltstones, claystones and generally thin coal seams complete the monotonous, interbedded succession. A Minnes Group section, recorded by Ziegler and Pocock (1960) north of Kakwa River and approximately 25 kilometres south of the Belcourt Property, contains similar thin coal seams which are generally located in the upper half of the section.

The lower portion of the Minnes Group is comprised of resistant conglomerate and massive sandstone. The conglomerate is characterized by lineations of well-rounded chert and quartzite pebbles, 1-2 cm in diameter, in beds 5 cm to 1 m thick. Approximately 5% of the pebbles are greater than 4 cm in diameter (the larger of these are actually cobbles). Fine to medium grained sandstone form the matrix and coarse grained sandstone interbeds occasionally occur within the conglomerate. Coarse grained sandstone and conglomerate have been described (Stott, 1967a) in the foothills of northeastern British Columbia, north of Peace River, and in the Monteith Formation of the Minnes Group. These may also be equivalent to the lower Minnes Group rocks found in the Belcourt area. Prominent exposures of this coarse grained sequence are located in the Red Deer valley. Conglomerates found northeast of Winfrey Creek and in the Belcourt Creek Valley appear to be of the same unit.

The type section of the Minnes Group (Mt. Minnes) indicates the unit to be in excess of 400 metres. Underlying the above succession of sandstone, conglomerate and siltstone is a thick sequence of interbedded interlaminated claystone and siltstone occurring in the Red Deer and Belcourt valleys. In the Red Deer Valley these rocks are, in turn, underlain by limestones and calcareous sediments. The claystone-siltstone sequence has been interpreted as the Fernie Formation and the limestones as Triassic sediments. In a recent open-file (GSC 286) map Stott

has outlined Fernie strata along the core of the Belcourt Anticlinorium.

The Minnes Group thickness is 1900+ metres south of the Belcourt Property at Mt. Minnes (Ziegler and Pocock, 1960). Northeast of this location, near the Alberta/British Columbia boundary, the thickness of these sediments diminishes to zero (Warren and Stelck, 1958; Stott, 1968). A complete section of Minnes Group rocks has not been measured within the Belcourt Property but it appears to be greater than 900 metres. The time span represented by the unconformity between the Minnes Group and Cadomin Formation increases to the east to a maximum of 10 million years where the Cadomin directly overlies the Fernie Group (Stott, 1973).

2.1.1.1.1 Coal Occurrences

Coal occurrences are commonly found within the upper portion of the Minnes Group where twenty-nine trenches were located. In addition, drill hole BD 7811 intersected two seams (0.5 and 1.85 metres) within 18 metres of the Cadomin contact. From trench data seam thicknesses range from 0.54 to 0.86 metres.

2.1.1.2 Cadomin Formation

The Cadomin Formation of the Lower Cretaceous Bullhead Group unconformably overlies the Minnes Group. The Cadomin conglomerate is a prominent marker that is traceable throughout much of the property. It consists of sub- to well-rounded, usually poorly sorted, pebbles and cobbles of chert, quartzite and quartz. Stott (1973) reports a relative abundance of limestone pebbles and cobbles between the Kakwa and Wapiti Rivers. Pebbles

as small as 1 centimetre and cobbles up to 10 cm or more in diameter are common. Cobbles are occasionally imbricated. The matrix material consists of fine to coarse grained sandstone. The conglomerate generally weathers to a light grey colour with a characteristic "clean" appearance due to the lack of silty or carbonaceous material.

Bedding and internal structures are usually obscure but Stott (1973) states that prominent, high angle cross-beds are typical in the Cadomin between the Kakwa and Wapiti Rivers, an area which includes the Belcourt Property.

Coarse grained sandstones found below the conglomerate are included within the Cadomin Formation. Stott (1968) noted these sandstones with pebble lenses grading upward into the conglomerate. He described these rocks as the initial phase of Cadomin deposition.

The Cadomin Formation in the Belcourt area is regionally contained within the southern most lobe of two main depositional lobes delineated by Stott (1968a). The lobe is centered between Mt. Belcourt and Onion Creek. The Cadomin is thickest at Mt. Belcourt (161.5 metres) and decreases in thickness towards Onion Creek (144 metres), Quintette Mountain (51.5 metres) and north of Wolverine River (14 metres) where the northern depositional lobe begins (Stott, 1968a). Within the Belcourt map area the Cadomin Formation decreases from 40 metres thick north of Red Deer Creek to 10 metres or less towards the southern licence boundary. Illustrating the difficulty in defining the top of the Cadomin Formation Stott (1973) noted:

> The upper contact of the Cadomin Formation is drawn at the top of the conglomeratic sandstones. This boundary lies at no persistent stratigraphic horizon but occurs at the top of different sandstone from one locality to another.

Stott's description seems applicable to our field evidence where no clear Cadomin-Gething contact was observed. For this reason the actual thickness of the Cadomin at Belcourt is not accurately known.

2.1.1.3 Gething Formation

The Cadomin Formation is conformably overlain by the essentially non-marine Gething Formation. Gething strata are comprised of brown, calcareous, lithic, very fine to coarse grained sandstone, siltstone, carbonaceous claystone, conglomerate and coal. The sandstones in the upper portion of the formation contain pebbles and coal stringers, are bioturbated and cross-laminated and show evidence of soft sediment deformation. Sandstone units average from less than a half metre to 1 metre in thickness. Chert pebble conglomerates, 2 to 8 metres thick, are found near the middle of the unit and toward its base. Pebbles are sub-to well-rounded, matrix and pebble supported in a sandstone matrix and are up to 5 cm in diameter. Carbonaceous partings are common. The conglomerates are associated with sandstone, siltstone, claystone and coal interbeds similar to those found in the upper portion of the formation. Of note is a 0.66 metre thick lithic tuff described in the lower Gething intersected by drill hole BD 7810.

Stott (1968a, 1973) indicated that the Gething conglomerates are less continuous (grading laterally into fine grained sandstones) than the Cadomin conglomeratic succession and that they are separated from the Cadomin by finer carbonaceous sediments. He noted that the Gething conglomerates, though similar to Cadomin conglomerates, generally contain smaller pebbles and are not as thick.

The Gething Formation is variable in thickness due both to depositional factors and to facies changes (Stott, 1968a). It is 385 metres thick at Bullmoose Mountain, 102 metres thick at Wapiti River and 23 metres thick near Belcourt Lake (Stott, 1968a, 1973). According to Stott (1968a), a cumulative thickness of 183 metres for Cadomin plus Gething is fairly constant between Wolverine River and Belcourt Lake. Within the Belcourt property, however, the Gething plus Cadomin cumulative thickness is in the order of 100 metres and the Gething Formation is 60 to 90 metres thick.

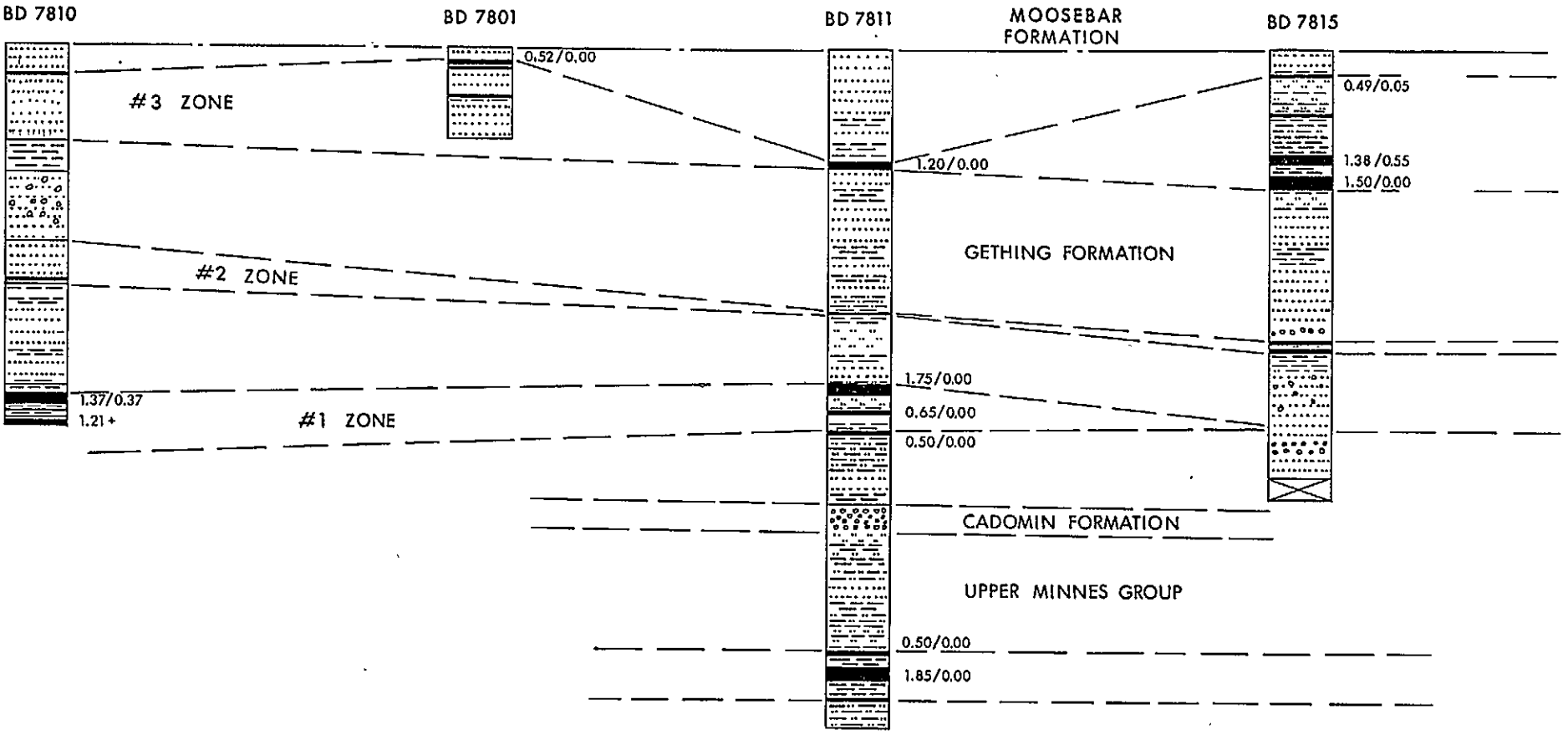
The contact of the Gething Formation with the overlying marine Moosebar Formation is distinct and Stott (1968a) indicated that it is probably a minor disconformity related to the initial transgression of the Fort St. John Sea. The contact is drawn below the basal Moosebar conglomerate which is characterized by its glauconitic matrix (Bluesky Equivalent).

2.1.1.3.1 Coal Zones

A tentative correlation of the three main coal zones encountered in the 1978 drilling programme is presented on Figure 2.1.1.3.1.1. Numerous trenches were dug in the Gething coal zones. Coal sections in excess of 0.5 metres listed according to geological blocks are provided in Table 2.1.1.3.1.1. It should be noted in reviewing the trench thickness data that they often represent only a best estimate of coal seam thickness and development characteristics due to degradation caused by weathering.

2.1.1.4 Moosebar Formation

The lower contact of the Moosebar Formation and the Gething Formation is distinct and probably represents a minor disconformity. A thin pebble conglomerate occupies the base of the Moosebar.



NOTE:

0.50/0.37 TRUE COAL/ROCK THICKNESS IN METRES

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

COAL MEASURES ~ GETHING FORMATION AND UPPER MINNES GROUP DRILL HOLE CORRELATION
FIG. 2·1·1·3·1·1

DRAWN BY: R. C.	DATE: MAR '79	SCALE: 1:1000
PREPARED BY:	DATE:	DRAWING NUMBER BLCR 79-0837-R01
APPROVED BY:	DATE:	

Table 2.1.1.3.1.1

GETHING FORMATION COAL ZONES

FROM DRILL HOLE - TRENCH CORRELATION

ZONE	UNIT	RED DEER THICKNESS (m) AVERAGE	RED DEER THICKNESS (m) RANGE	HOLTSLANDER NORTH THICKNESS (m) AVERAGE	HOLTSLANDER NORTH THICKNESS (m) RANGE	HOLTSLANDER SOUTH THICKNESS (m) AVERAGE	HOLTSLANDER SOUTH THICKNESS (m) RANGE	HUGUENOT THICKNESS (m) AVERAGE	HUGUENOT THICKNESS (m) RANGE
	SEAM			0.52		0.60		0.54	
	COAL			0.52		0.60		0.49	
	ROCK			0		0		0.05	
	SEAM			1.72		1.84	1.20-3.28	1.64	1.35-1.93
3	COAL			1.72		1.69	1.00-3.28	1.36	1.35-1.38
	ROCK			0		0.15	0-0.60	0.28	0-0.55
	SEAM							2.04	1.50-2.57
	COAL							1.76	1.50-2.01
	ROCK							0.28	0-0.56
2		less than 0.50 m				less than 0.50 m		less than 0.50 m	
	SEAM	2.16	1.74-2.58	3.54		2.66	1.75-3.57	2.14	1.35-2.94
	COAL	1.88	1.37-2.38	3.54		2.66	1.75-3.57	2.14	1.35-2.94
	ROCK	0.28	0.20-0.37	0		0		0	
	SEAM	1.21+				0.83	0.65-1.00	2.10	1.20-3.12
1	COAL	1.21+				0.65	0.65	1.67	0.53-2.71
	ROCK	0				0.18	0-0.35	0.43	0-0.85
	SEAM					0.50			
	COAL					0.50			
	ROCK					0			

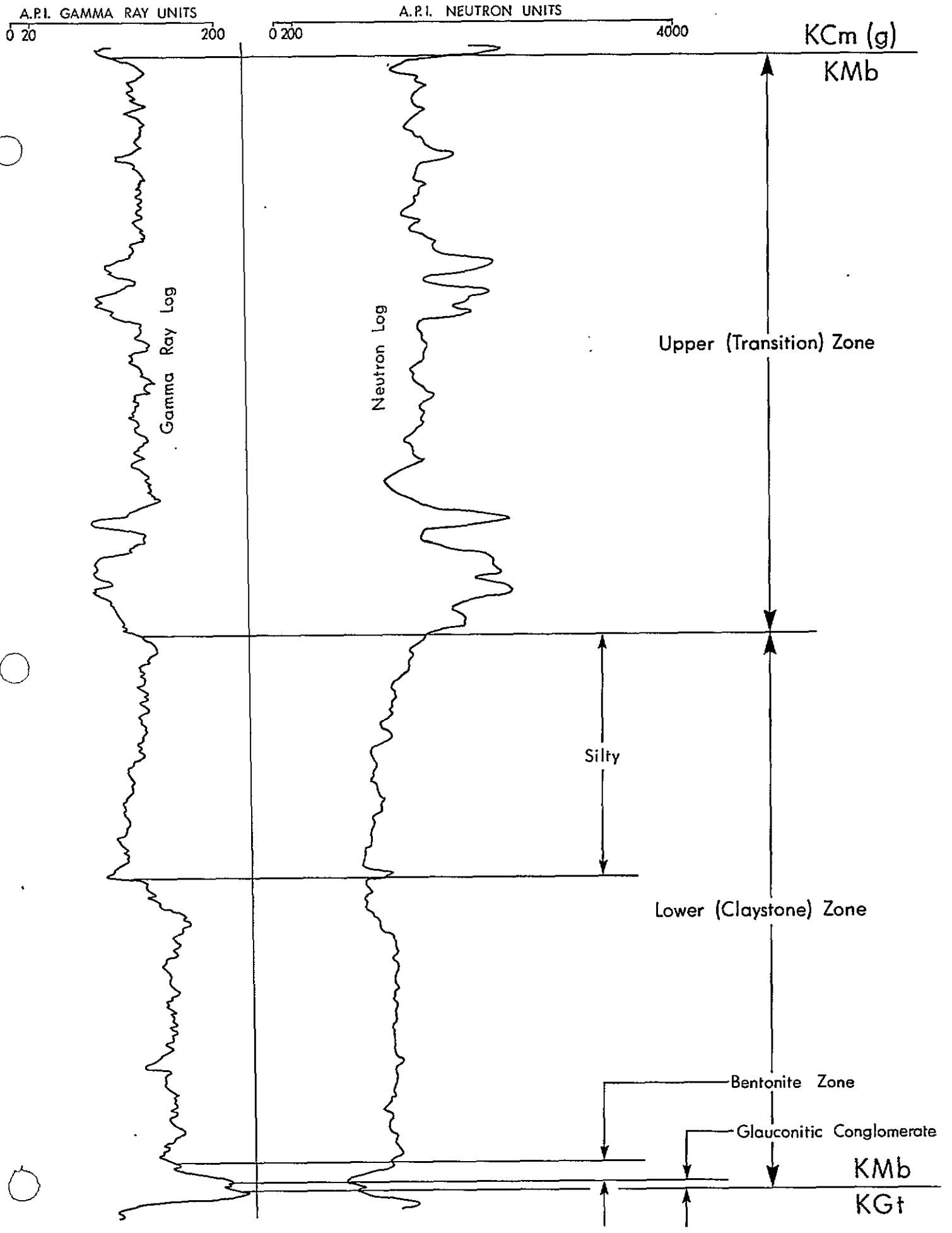
Pebbles up to 1 cm in diameter are predominantly composed of chert but claystone pebbles were also recorded. The pebbles are well-rounded and, in drill hole BD 7801, are contained in a dark grey to black claystone matrix. The matrix characteristically contains glauconite. The conglomerate grades into the overlying claystone but the lower contact with the Gething Formation is sharp. Stott (1968a, p. 51), in describing the basal Moosebar conglomerate, reported:

> These sediments represent the initial deposits of the transgressing Moosebar Sea and mark the end of widespread and prolonged alluvial environments in the region.

The lower portion of the Moosebar Formation contains dark grey, friable, marine claystone which is silty near the top. The dark grey claystone's lowest portion contains some brown claystone clasts (BD 7810) and bentonite layers. Bentonite occurrences were also reported by Stott (1968a, p.53 and 54). Also, orange weathering concretionary bands are common.

The upper portion commonly termed the "transition zone", consists of predominantly interbedded fine grained, light grey sandstone; medium grey siltstone and dark grey claystone. Sandstone units are up to a half metre thick and are thinly laminated and cross-laminated. Siltstone interbeds are 30 cm or less in thickness. Soft sediment deformation and bioturbation are common within these interbeds and worm burrows have been recorded in places. Some of the coarser material is calcareous. Bedding thicknesses increase upwards. Claystone clasts, imbricated in places, and small scale rip-up clasts are present. All three rock types were found to be micaceous and the claystone contains some pyrite blebs and nodules.

The upper and lower subdivisions of the Moosebar are easily recognizable in gamma ray-neutron logs of the formation (see Figure 2.1.1.4.1).



Section of Gamma Ray – Neutron Log illustrating Moosebar Formation subdivisions (from drill hole BD–7801).

FIG. 2·1·1·4·1

Variations in thickness of the Moosebar Formation are attributed to facies changes in which the claystones grade laterally into sandstones of the Commotion Formation (Fort St. John Group). The Moosebar Formation is 207 metres thick at Bullmoose Mountain, 125 metres thick at Wolverine River, 42 metres thick at Mt. Torrens and 24 metres thick at Kakwa River. Within the Bēlcourt property the Moosebar Formation is from 65 to 75 metres thick; in drill hole BD 7801 the formation is 71 metres thick and in drill hole BD 7810 it is 70 metres thick.

The Moosebar contact with overlying Commotion Formation is gradational and is drawn at the base of the first thick succession of sandstone.

2.1.1.5 Gates Member, Commotion Formation

The Gates Member consists of (in the order of decreasing magnitude) sandstone, claystone, siltstones, coal and conglomerates.(see Figure 2.1.1.5.1).

Sandstones are the dominant rock type. These lithic arenites are brownish grey to grey with occasional limonitic stains, generally fine grained with medium to coarse to conglomeratic phases, thin to medium bedded in the upper half of the section and thick bedded to massive at the lower half. They generally display tabular to lenticular cross-bedding and contain carbonaceous fragments, rootlets, plant fossils and tubular worm burrows.

Claystones comprise the second most dominant lithology of the section. They are generally interbedded with sandstones and siltstones. The claystones are grey, silty, carbonaceous with abundant plant fragments and are occasionally pyritic.

Siltstone are gradational with the sandstone and claystone exhibiting similar characteristics. They are often soft sediment deformed.

Pebble conglomerates which frequently occur as thin lensy interbeds with the sandstones, have sandy matrices and are often found in the central and lower portions of the section.

The lower half of the Gates section contains a prominent sandstone marker. This marker is about 45 m thick and directly underlies the lowermost coal seam (no. 1). It forms distinct slab-like grey coloured ridges in the central and southern portions of the property. Northward this sandstone marker thickens to about 60 metres and underlies a carbonaceous claystone unit that thickens northward. This sandstone marker is generally thick bedded to massive, coarse grained to conglomeratic.

Within the property, the Gates Member has an average thickness of 310 metres increasing somewhat southwards. North and south of Belcourt, at Denison Mines' Quintette and Saxon properties, Gates strata were reported to have thicknesses of 262 - 274 m and 365 respectively. Stott (1968) measured Gates sections at Belcourt Lake (266 m), Wapiti River (268 m, faulted section), Mount Torrens (239 m, faulted section) and Quintette Mountain (290 m).

2.1.1.5.1 Coal Seams and Zones

Nine major coal zones have been identified by surface mapping, trenching and diamond drilling (see detailed seam correlation charts in Appendix V). In this report, a coal zone is defined

as a single seam or a number of seams having a thickness greater than or equal to half a metre.

Table 2.1.1.5.1.1 shows the nine major coal zones, the average thickness and thickness range of the seam, coal and rock splits. From top to bottom, the zones are no. 9, no. 8, no. 7, no. 6, no. 5, no. 4, no. 3, no. 2 and no. 1

The ideal coal measures would contain 23 coal seams with an average cumulative thickness of 37.5 metres where coal and rock split are 31.2 and 6.3 metres thick respectively. A study of seam thickness distribution reveal variations that may be equated to changes in the environment of deposition. Coal zones 1 to 4 (basal coal zone) represent a widespread, regressive coastal swamp. The thin, discontinuous no. 4 seam marks the waning of coal deposition and the beginning of interfluvial sedimentation. Coal zones 5 to 9 represent cyclic transgressive-regressive phase of sedimentation. This phase is characterized by the thick, discontinuous, no. 5 zone followed by a repetitive successions of thinner coal seams and sediment deposition in zones 6 to 9 (see Figure 2.1.1.5.1).

The seams thin, swell and may be lenticular as well as coalescing into single thick seams.

The following is a general summary of the individual coal seam/zone development and continuity: (see Belcourt Coal Seam Correlation Charts (3) - Appendix V).

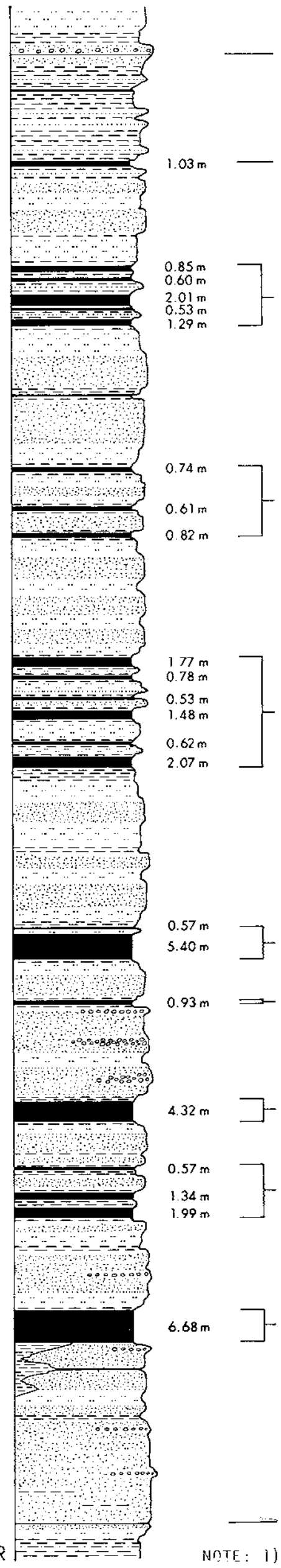
No. 1 Coal Seam:

The no. 1 seam is traceable throughout the property. Generally the seam is thickest in the northwest of the property. It has

TABLE 2.1.1.5.1.1

TABLE OF COAL ZONES - GATES MEMBER

Coal Seam/Zone	Average Thickness (m)			Range (m)		
	Coal	Rock	Seam	Coal	Rock	Seam
No. 9	0.8	0.2	1.0	0.6-1.0	0-0.4	0.6-1.4
No. 8	0.7	0.2	0.9	0.5-1.0	0-0.7	0.5-1.5
	0.6	0	0.6	0.6	0	0.6
	1.6	0.4	2.0	1.0-2.4	0.1-1.0	1.3-3.4
	0.4	0.1	0.5	0.4	0.1	0.5
	0.9	0.4	1.3	0.6-1.2	0.1-0.7	0.7-1.9
No. 7	0.7	0	0.7	0.6-0.9	0	0.6-0.9
	0.6	0	0.6	0.6	0	0.6
	0.7	0.1	0.8	0.5-1.1	0-0.3	0.6-1.3
No. 6	1.4	0.4	1.8	0.6-2.5	0-1.4	0.6-3.9
	0.7	0.1	0.8	0.6-0.9	0-0.1	0.7-0.9
	0.5	0	0.5	0.5	0	0.5
No. 5	0.6	0	0.6	0.6	0	0.6
	4.5	0.9	5.4	0.7-7.5	0.2-1.6	0.9-9.1
No. 4	0.8	0.1	0.9	0.7-0.9	0-0.3	0.7-1.2
No. 3	3.1	1.2	4.3	0.7-7.1	0-3.4	0.7-10.5
No. 2	0.6	0	0.6	0.5-0.6	0	0.5-0.6
	1.1	0.2	1.3	1.1	0.2	1.3
	1.9	0.1	2.0	0.5-3.3	0-0.2	0.5-3.3
No. 1	5.7	1.0	6.7	2.6-10.2	0-3.8	3.0-11.1



claystone with sandstone and coal stringers, becoming sandy and silty to the north and south

No. 9 COAL ZONE: occurs in the northcentral area, lensy

(18 m) sandstone with minor claystone interbeds, becoming siltier to the north

No. 8 COAL ZONE: upper and lower seams fairly continuous; middle seam occurs in the central areas

(26 m) sandstone and claystone in the northcentral area, siltier to the north and central areas and becoming more argillaceous to the south

No. 7 COAL ZONE: upper seam occurs in the central and southern areas where it splits into thin seams; middle seam is discontinuous and lensy; lower seam thins out in the northcentral area

(22 m) sandstone; claystone and conglomerate in the northcentral area; marked increase in sandstone and siltstone in the northern and southern areas

No. 6 COAL ZONE: upper zone has continuous upper seam and a lensy, discontinuous lower seam found only in the north, central and south areas; middle zone has an upper seam present only in the south and a lower seam that occurs in the central and south areas; lower zone has a lensy upper seam and a lower seam that pinches and swells to the south

(30 m) sandstone and siltstone bounded on top and bottom by claystone in the northcentral area, grading into siltstone in the central area, thickens southward into sandstone-claystone sequence

No. 5 COAL SEAM: continuous up to the northcentral area where it possibly merges with Nos. 2 & 3 seams, splits into two seams in the southcentral area

(7 m) sandstone and siltstone becoming argillaceous to the south

No. 4 COAL SEAM: continuous up to the northcentral area, lensy to the south

(17 m) claystone and conglomeratic sandstone in the north, sandstone and siltstone in the south

No. 3 COAL SEAM: pinches and swells in the north and northcentral area, dies out in the southcentral then thickens southward

(8 m) sandstone and claystone becoming silty to the north and south

No. 2 COAL SEAM: occurs as a single seam in the north and south, splits into numerous seams toward the interior, dies out in the central areas

(17 m) sandstone, minor claystone and conglomerate in the central areas becoming silty to the north and argillaceous to the south

No. 1 COAL SEAM: continuous throughout property, thickest in the mid-north area

(40 - 60 m) sandstone throughout area with upper portion grading into claystone and minor siltstone in the north

NOTE: 1) Coal seams shown are averaged true thickness ⩾ 0.50 metre and include rock split where present. Interseam thicknesses are also average values.

2) Area designation of Belcourt property: north, Red Deer Block; northcentral, Holtslander North Block; central, Holtslander South Block; southcentral, Huguenot Block; and south, Ptarmigan and Omega Blocks.

DENISON MINES LIMITED (COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

GATES MEMBER
GENERALIZED STRATIGRAPHIC SECTION

DRAWN BY: R.Z.	DATE: FEB. 1979	SCALE: 1:1000	
PREPARED BY: S.P.S.	DATE: FEB. 20, 1979	DRAWING NUMBER	BLCR 79-828-R01
APPROVED BY:	DATE:		

FIG. 2.1.1.5-1

its highest proportion of rock splits in Holtslander North block (BD 7816).

No. 2 Coal Seam:
Within the property the coal seam is discontinuous and also splits into three coal seams.

No. 3 Coal Seam:
The no. 3 seam is present in the southeast and in the northwestern blocks where it attains its minimum and maximum thicknesses.

No. 4 Coal Seam:
The no. 4 seam is thin to non-existent within the property.

No. 5 Coal Seam:
Generally the no. 5 seam is consistently thick throughout the property except in Red Deer block where it does not exist. However, this seam may be correlatable to seams 2 and 3 in Red Deer.

No. 6 Coal Zone:
The zone is traceable throughout the property. A tentative seam correlation within this zone shows seam continuity.

No. 7 Coal Zone:
This zone is continuous throughout the property. No attempt has been made to correlate seams.

No. 8 Coal Zone:
The no. 8 zone is also considered continuous. Seams have been correlated locally in Red Deer and Holtslander North blocks.

No. 9 Coal Zone:

The no. 9 coal zone could be continuous, but present information is incomplete. To date only one mining section has been defined within this zone (BD 7814).

2.1.1.6 Hulcross Member, Commotion Formation

The Hulcross, comprised of essentially marine sediments, is the middle member of the Commotion Formation. It consists of dark grey to black claystone, dark grey fine grained sandstone, siltstone, and basal conglomerate. Clay-ironstone concretions are common to abundant in the Hulcross Member.

The basal conglomerate, approximately one-half metre in thickness, consists of pebbles up to 2 cm in diameter in a sandy, calcareous matrix and marks a distinct contact with the Gates Member.

The lower half of the Hulcross is composed of thin (less than 1 cm to 15 cm thick) interbeds of fine grained sandstone, siltstone and claystone. The claystone is carbonaceous in places.

The thin sandstone interbeds, located near the top of the member, are, in part, internally structureless and, in part, laminated and cross-laminated. They are also carbonaceous in places. These fine grained sandstone interbeds become thicker (up to 0.5 metres) and more abundant in the upper half. Stott (1968a, p. 78) noted:

> In most sections, a succession of interbedded siltstone and shale occurs at the top of the Hulcross Member, becomes sandier toward the top with some thin beds of silty sandstone, and grades upward into the thick-bedded sandstones of the Boulder Creek Member.

The upper contact of the Hulcross with the overlying Boulder Creek Member is gradational.

Measured thicknesses of 96 metres on Bullmoose Mountain and 55 metres near Wapiti River were reported for the Hulcross Member by Stott (1968a). On the Belcourt Property the Hulcross varies in thickness from 54 metres in the north (BD 7812) to 15 metres in the south.

2.1.1.7 Boulder Creek Member, Commotion Formation

The Boulder Creek Member, the upper member of the Commotion Formation, can be divided into three lihtological units. The lower 20 metres of the one member contain sandstone, grit and chert pebble conglomerate. The sandstone is laminated and cross-bedded. Toward the base of this portion of the Boulder Creek the sediments become somewhat fine grained (fine grained sandstone and siltstone) and carbonaceous. The middle 30 metres of the Boulder Creek are predominantly made up of grey to black claystone which is somewhat silty and, in places, coaly and carbonaceous. The base of this section is characterized by one or two coal seams one-half metre or less in thickness (BD 7802 and BD 7805). The upper 35 metres consist mainly of fine to coarse grained, grey to brown sandstone and grey siltstone. Both rock types are thinly laminated and can be carbonaceous. The sandstone is cross-bedded and contains some pebbly interbeds.

The upper contact of the Boulder Creek Member is defined as the base of a thin grit to pebble conglomerate in the basal Shaftesbury Formation.

The Boulder Creek is 62 metres thick at Wapiti River, 75 metres thick at Mount Belcourt and 76 metres thick at Mount Torrens (Stott, 1968a). Within the property, the member is 86 metres thick.

2.1.1.8 Shaftesbury Formation

The Boulder Creek Member is overlain by the middle Cretaceous Shaftesbury Formation which contains the youngest mapped sediments on the Belcourt Property. Although it was mapped as an undifferentiated formation, its three Foothills subdivisions, the Hasler, Goodrich and Cruiser Formations, were used in separating the different lithological units in certain areas (Ptarmigan).

The lowest unit, equivalent to the Hasler Formation, consists of marine shales, siltstones, minor sandstone and a few thin pebble conglomerate beds. Some sideritic concretions are also found. Its upper boundary is gradational and the contact is drawn at the base of a massive sandstone in the overlying unit.

The middle portion (Goodrich equivalent) is characterized by sandstone. The sandstone is predominantly medium grained, grey to brown, micaceous and massive to thinly laminated. Bedding varies from 5 cm to 2 metres thick with carbonaceous claystone, claystone and siltstone interbeds. Some coarse grained sandstone and chert-quartzite pebble conglomerate also occurs in the Goodrich (Stott, 1968a). The upper contact of the Goodrich unit abruptly places Cruiser shale on massive Goodrich sandstone.

The Cruiser Formation is made up of thin bedded dark grey to black silty claystone with thin interbeds of fine grained sandstone and siltstone with minor pebble bands. Laminations, concretionary layers, tan, orange and red weathering characterize the Cruiser Formation. Of special note are fossil fish scales, identified in drill hole BD 7803 that may serve as a stratigraphic marker.

Stott (1968a) recorded a thickness of Shaftesbury of from 122 to 274 metres.

2.1.1.9 Dunvegan Formation

The Dunvegan is the youngest Formation of the Fort St. John Group. It consists of marine and non-marine sediments including fine to coarse grained sandstone, conglomerate, carbonaceous shale and coal. It ranges from 107 metres to 366 metres in thickness.

2.1.1.10 Kaskapau Formation

The Upper Cretaceous Kaskapau Formation of the Smoky Group comprises the uppermost strata in the Belcourt Stratigraphy. This unit was not mapped during the 1978 field season. However, the presence of the Kaskapau has been derived from G.S.C. Open File #286.

2.1.2 REGIONAL STRUCTURE

The structural setting of the area from the Wapiti River southeast to the Brisith Columbia/Alberta border can be conceptualized as a broad northwesterly trending anticlinorium, (Belcourt Anticlinorium), somewhat modified in the extreme southeast by the Saxon syncline.(see Figure 2.1.2.1).

The oldest strata exposed in the anticlinorium is that of the Fernie Formation and unnamed Triassic limestones, occuring in a number of isolated outcrops in the deeply incised major drainages. However, most of the core of the anticlinorium is occupied by the Minnes Group.

Sediments of the Bullhead and Fort St. John Groups are exposed on the plicated limbs of the anticlinorium and in the Saxon syncline. The structurally simple southwest limb is bounded

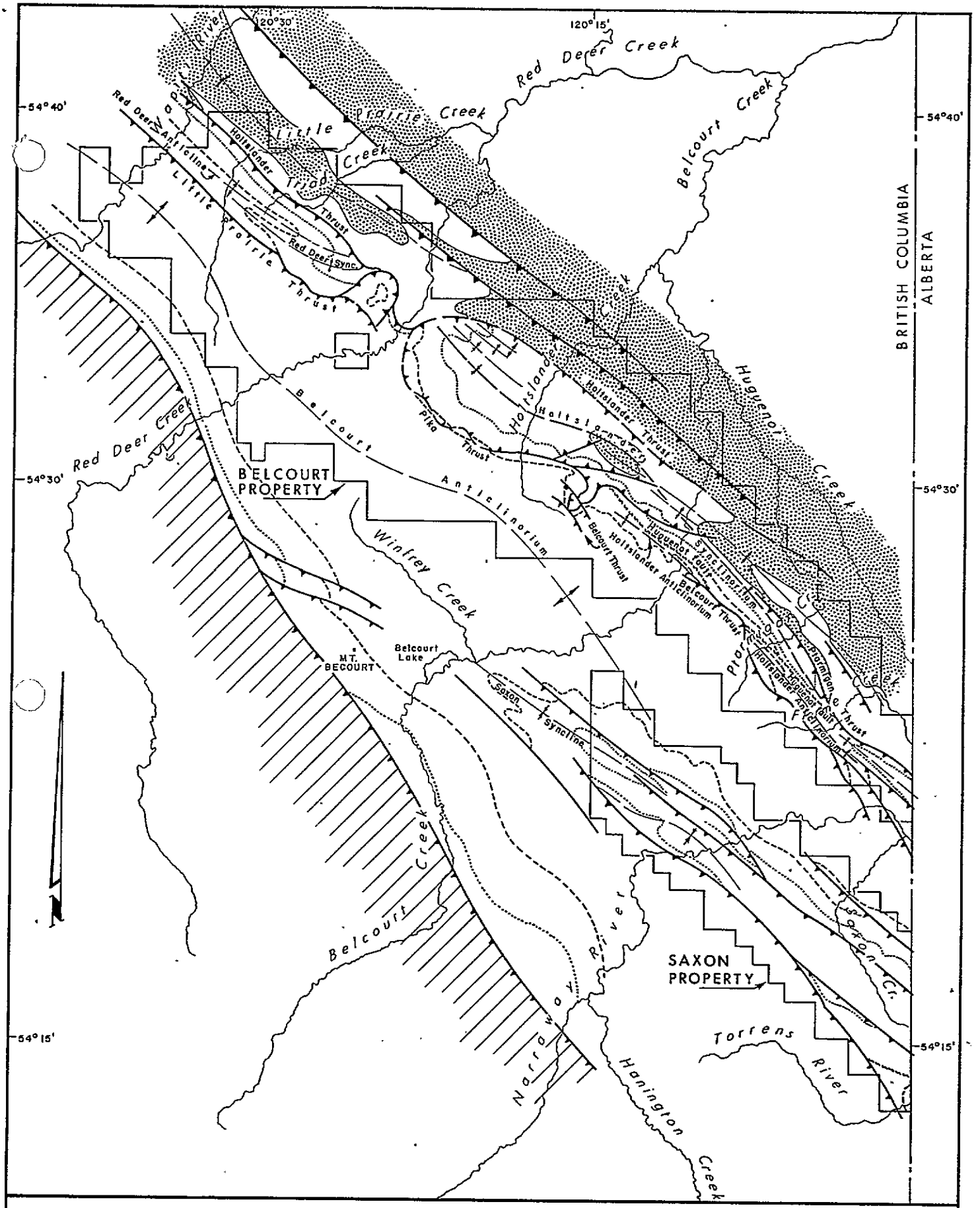

120°30'
120°15'
54°40'
54°30'
54°15'
Red Deer River
Red Deer Creek
Little Prairie Creek
Belcourt Creek
Hugueneot Creek
BRITISH COLUMBIA
ALBERTA
Red Deer Anticline
Little Prairie Thrust
Red Deer Syncline
Triad Thrust
Hollslander Thrust
Holtslander Anticlinorium
Pika Thrust
Belcourt Thrust
Belcourt Anticlinorium
Hugueneot Thrust
Hugueneot Anticlinorium
Harrington Thrust
Saxon Syncline
Winfrey Creek
BELCOURT PROPERTY
SAXON PROPERTY
MT. BECOURT
Belcourt Lake
Narraway River
Haningtan Creek
Saxon Cr.
Torrens River
N
KCm(h) Hulcross member, Commotion Formation
KCd Cadomin Formation
Undifferentiated upper Cretaceous sediments
Undifferentiated Paleozoic
BELCOURT
REGIONAL STRUCTURE
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FIG. 2·1·2·1
BLCR 79-0833-01

by the Rocky Mountain Thrust, which has placed Palaeozoic limestones in contact with Lower Cretaceous sediments. The northeast limb is complexly folded and faulted and is bound to the northeast by folded and faulted Middle and Upper Cretaceous strata.

The Belcourt Property covers a large portion of the anticlinorium. The coal measures of economic significance are found in the northeast limb of this anticlinorium in the property.

2.1.2.1 Structural History

The following is a general interpretation of the structural development within the map area bounded by Holtslander-Ptarmigan Thrusts to the northeast and the Little Prairie - Belcourt Thrusts to the southwest.

Structural interpretation has not been made in the area west of the Little Prairie-Belcourt Thrusts due to limited field data.

Four major sequential and overlapping structural phases are hypothesized within the above-mentioned area. Folding and thrusting are for the most part considered contemporaneous.

Phase I Development of a high angle northeast dipping thrust (Huguenot Thrust).

Phase II Development of major low angle southwest dipping thrust with attendent splays (Pika Thrust).

Phase III Development of the Belcourt Anticlinorium and attendent folds. This phase coincided with diminishing movement along the Pika Thrust.

Phase IV Development of final stage thrusting was initiated towards the end of folding transecting the previous structures. This phase is represented by the Little Prairie-Belcourt Thrusts and the Holtslander-Ptarmigan Thrusts.

2.1.2.2 Faulting

Three distinct phases of faulting are interpreted in the sediments of the Bullhead and Fort St. John Groups.

In the Lower Cretaceous sediments the Huguenot Thrust (Phase I) is traced from Pika Spur in Holtslander South to just north of Flume Creek in Ptarmigan Block. This fault was originally a a steep southwest dipping fault with normal displacement.

The Pika Thrust (Phase II) is traceable in the Holtslander Blocks and at Red Deer Knob. This original low angle southwest dipping thrust and its attendent splays are expressed in these blocks as a northeast dipping fault with apparent normal displacement. The thrust subsequently folded with the same geometry as the strata.

These earlier phases of faulting have been truncated by the later southwest dipping thrusts that have been mapped throughout the Belcourt Property (Phase IV). To the southwest of the coal measures, a number of southwest dipping thrusts repeat Lower and Upper Cretaceous sediments. Of these, the Little Prairie Thrust in the north of the property truncates the Pika Thrust at Red Deer Knob. The Belcourt Thrust, the most laterally extensive, and relateable to the Little Prairie Thrust, truncates the Huguenot Thrust in the Huguenot Block.

2.1.2.3 Folding

Dominant folds include the doubly plunging Holtslander Synclinorium, tightly folded Holtslander Anticlinorium, the box-like Red Deer Anticline, the overturned Red Deer Syncline and the symmetrical Omega Syncline. These are described in more detail in the Detail Geology section.

2.2 DETAIL GEOLOGY

2.2.1 RED DEER BLOCK

2.2.1.1 Summary

The Red Deer Block is bounded to the southwest by the Little Prairie Thrust and to the northeast past the Holtslander Thrust by a broad, southeast plunging syncline comprised of Upper Cretaceous sediments.

The block lies on the plicated northeast limb of the Belcourt Anticlinorium and is characterized by the southeast plunging Red Deer Anticline and Syncline as well as a remnant of the folded Pika Thrust, the Red Deer Knob.

A complete stratigraphic sequence underlies the Red Deer Block from the basal Minnes Group sediments to the uppermost Kaskapau Formation. Sections of the Hulcross Member, Gates Member and the Moosebar Formation have a measured thickness of 54 m, 304 m, and 67 m respectively.

2.2.1.2 Coal Seam Development - Gates Member

From drill hole data, seven coal zones have been identified in the Gates Member of the Commotion Formation in the Red Deer Block. Table 2.2.1.2.1 shows the range and average thickness of the coal seams. Detail seam correlation charts are presented in Appendix V. The no. 1 seam is continuous in Red Deer Block. The seam appears to have thickened in the fold structures being thickest on the limbs of the tight Red Deer Syncline (BD 7807, BD 7602). It is thinnest on the steeply dipping to overturned limb of the Red Deer Anticline (BD 7810, BD 7812). A correlatable rock split

TABLE 2.2.1.2.1

SUMMARY OF SEAM THICKNESSES
RED DEER BLOCK

Seam/Zone	Average Thickness (m)			Range (m)		
	Coal	Rock	Seam	Coal	Rock	Seam
9	0.6	0.0	0.6	0.6	0.0	0.6
8	0.9	0.3	1.2	0.8-1.0	0.0-0.7	1.0-1.5
	1.2	0.7	1.9	1.2	0.7	1.9
7	0.9	0.1	1.0	0.6-1.1	0.0-0.2	0.6-1.3
6	1.5	0.4	1.9	0.9-2.0	0.1-0.6	1.0-2.7
	0.6	0.1	0.7	0.6	0.1	0.7
	0.5	0.0	0.5	0.5	0.0	0.5
	1.5	0.6	2.1	1.2-1.7	0.0-1.3	1.2-3.0
3	4.4	2.3	6.7	1.3-7.1	1.1-3.4	2.3-10.5
2	2.6	0.0	2.6	1.1-3.3	0.0	1.1-3.3
1	7.5	0.8	8.3	5.2-11.1	0.1-1.3	5.4-11.1

occurs in all drill holes near the top of the basal mining section constituting less than 10% of its thickness.

The no. 2 seam is continuous and consistently three metres thick except in the Red Deer Syncline (BD 7807) where it is 1.1 metres thick.

The no. 3 seam is continuous with large variations in seam thickness from 0.2 metres (BD 7807) to a 10.5 metre section (BD 7802) that contains many rock splits. Within the block, seam 3 consists of two mining sections.

Seams no. 4 and no. 5 have not been intersected in the block.

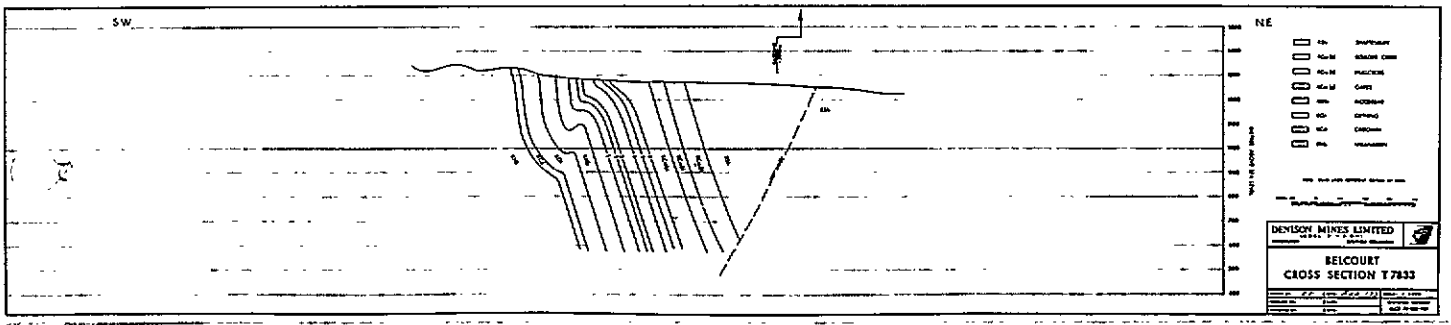
Zones 6, 7, 8 and 9 are present and considered continuous with several mining sections defined. Drill hole information on these upper zones is limited. Within the Red Deer Syncline the trenching has confirmed the continuity of these zones.

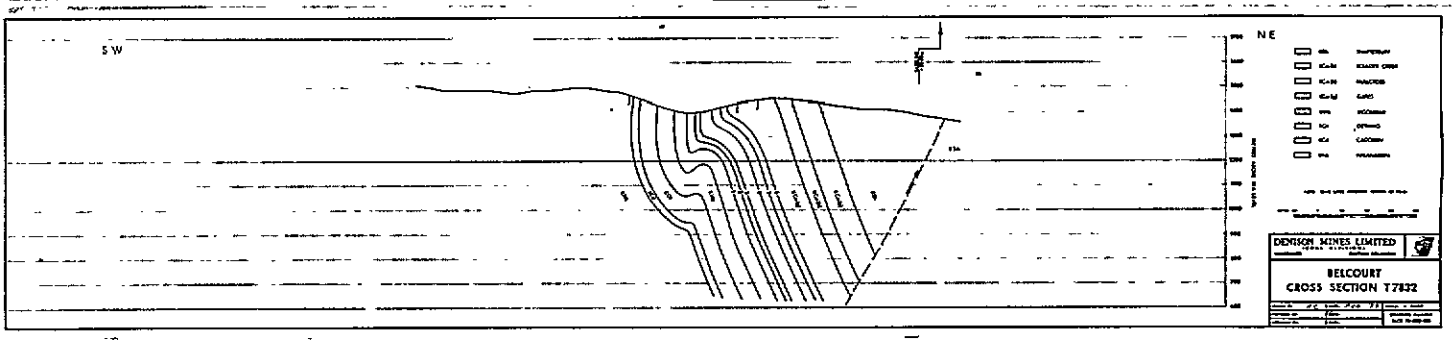
2.2.1.3 Structure

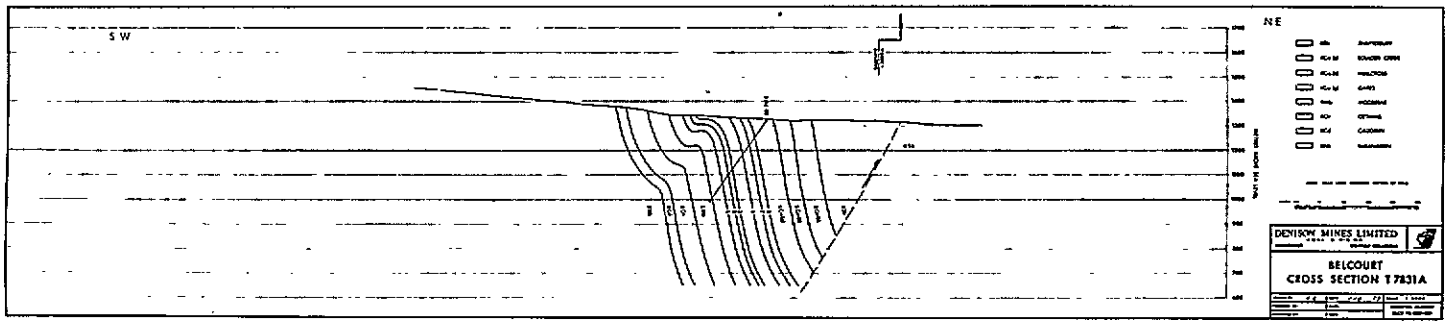
The structural style of the Red Deer Block is illustrated by the sections in Figures 2.2.1.3.1 to 2.2.1.3.3.

The initial phase of deformation represented in the block is that of the Pika Thrust (see Section T 7826). The Pika Thrust (Phase II) and an associated splay is interpreted to underlie the relatively flat lying strata at Red Deer Knob.

The folding (Phase III) of the southeast plunging right asymmetrical Red Deer Syncline and broad to box-like Red Deer Anticline (Section T 7827 A) is the next stage of deformation. The anticline opens down plunge resulting in a large exposure of relatively flat







RED DEER SECTIONS

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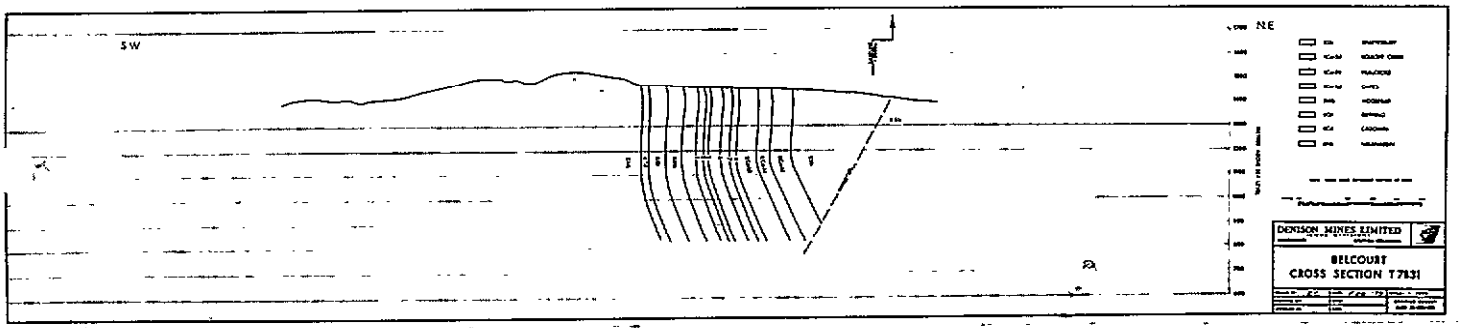
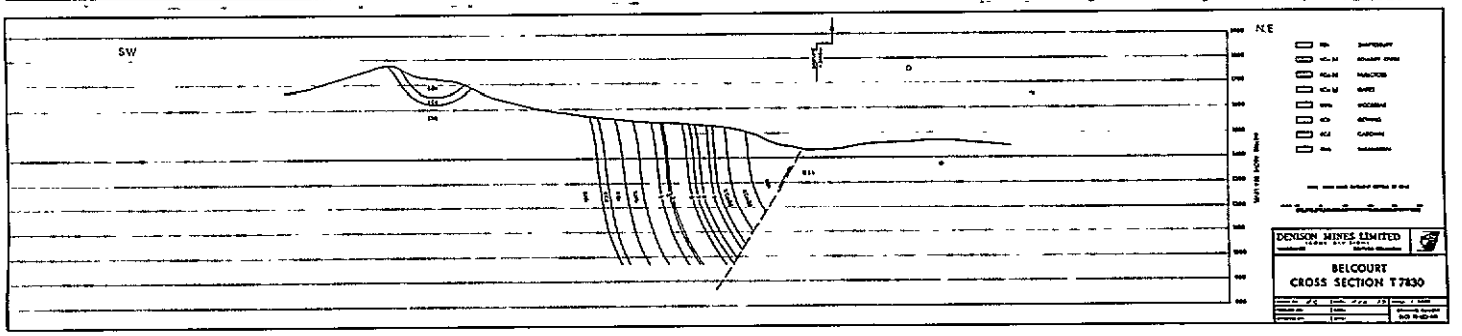
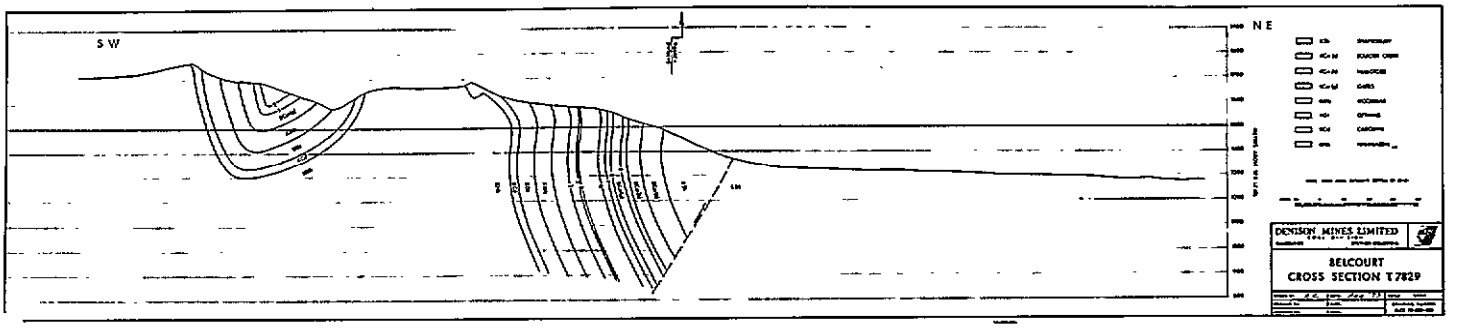
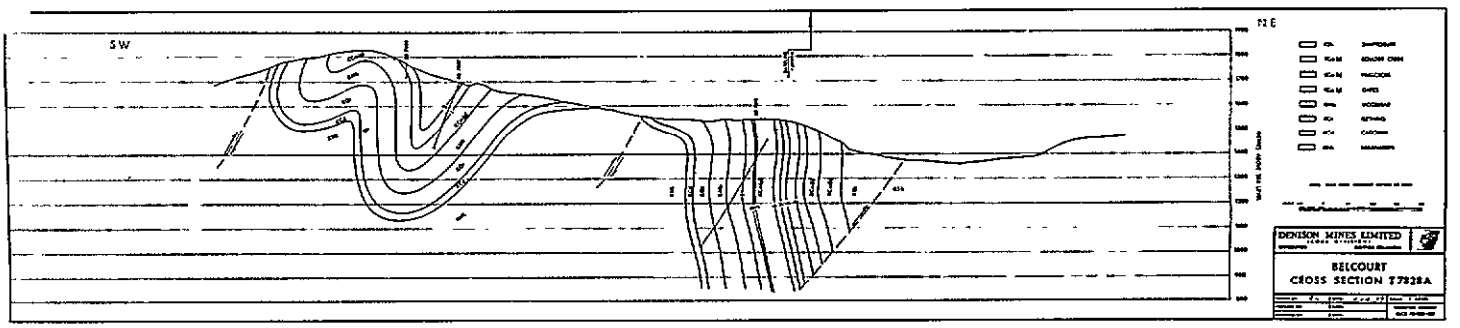
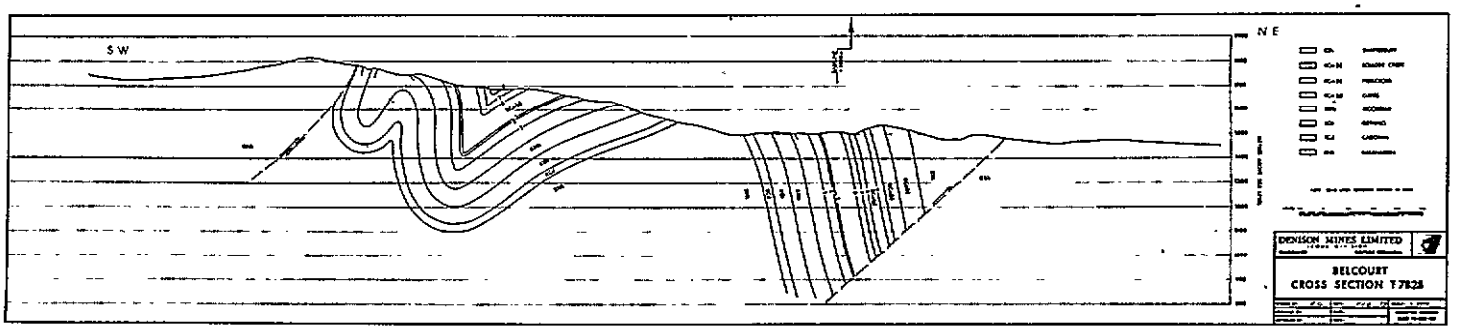
FIG.
2.2.1.3.1











RED DEER SECTIONS

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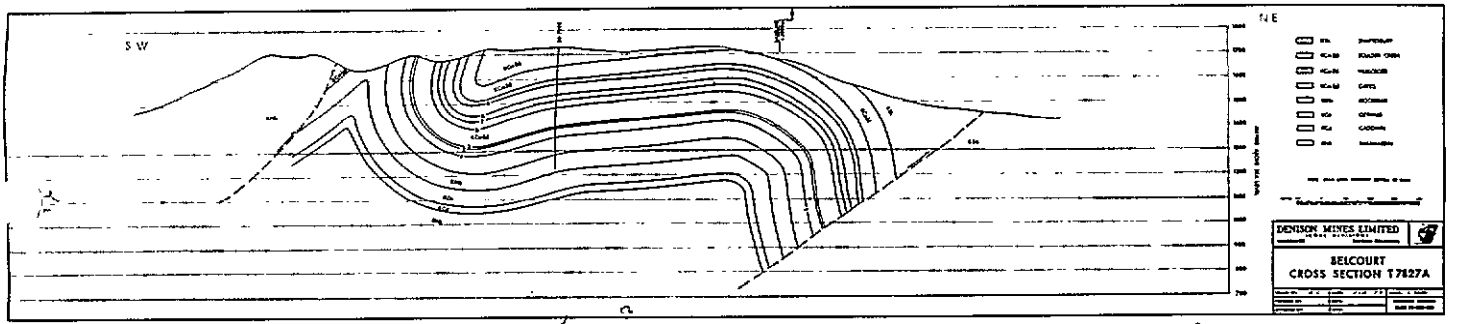
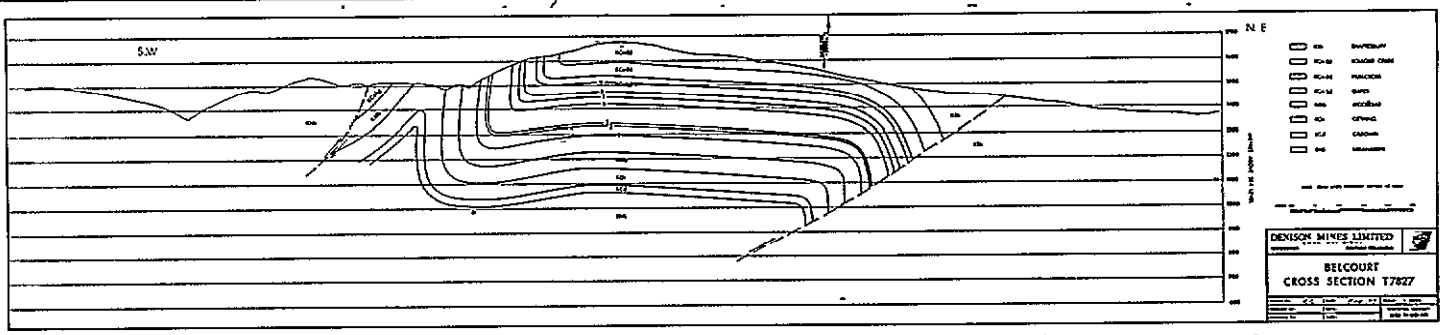
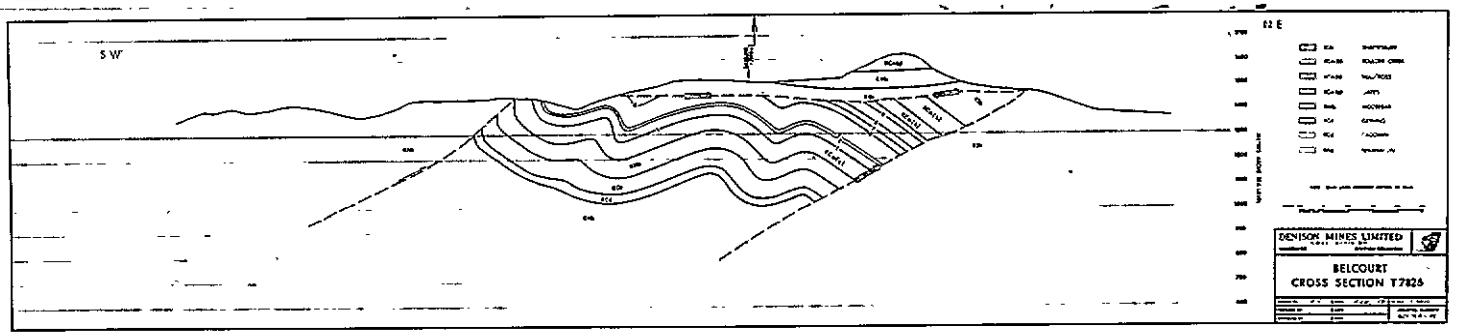
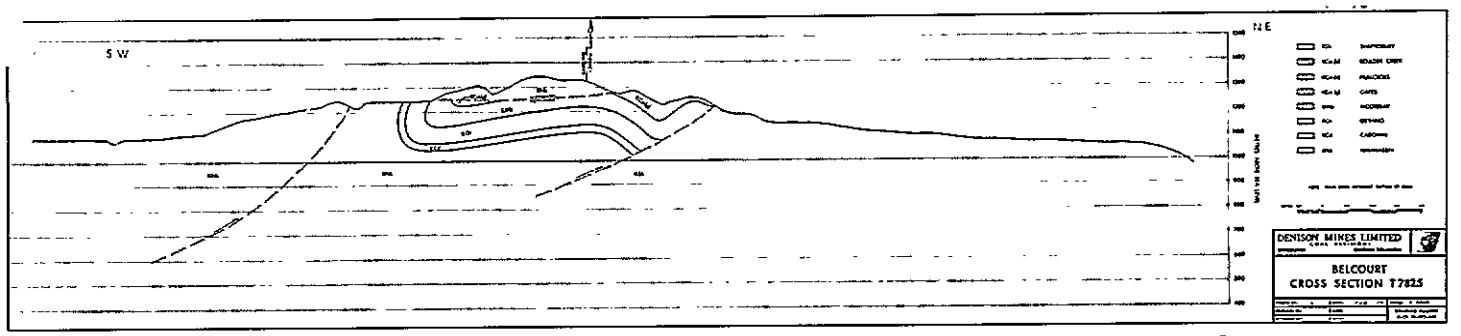
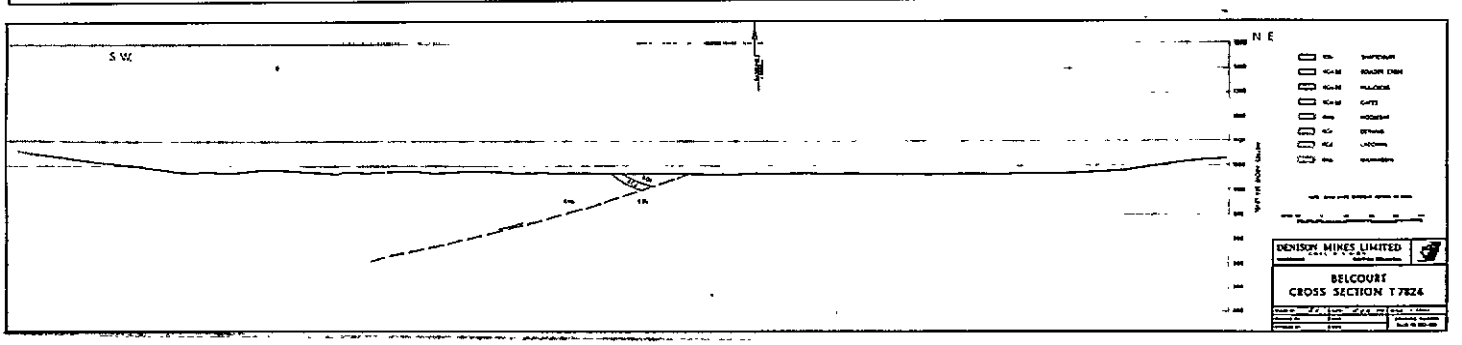
FIG.
2.2.1.3.2











RED DEER SECTIONS

SCALE 1:25,000

FIG.
2.2.1.3.3

lying Boulder Creek strata along its anticlinal axis northwest of Red Deer Knob where the fold is box-like. With the present interpretation the plunge varies in the vicinity of Red Deer Knob, but the regional trend is to the southeast.

The northeast limb of the Red Deer Anticline continues to the northwest. This limb varies from steeply dipping in Section T 7828 A (70^{o} NE) to overturned in Section T 7829. The southwest limb of the Red Deer Syncline is also steeply dipping (78^{o} NE) to very overturned (49^{o} to 27^{o} SW). This limb also has minor crumpling that is associated with the final phases of thrust faulting (Phase IV).

The Holtslander Thrust and the Little Prairie Thrust represent Phase IV thrusting in the area. The Holtslander Thrust dips at 25^{o} SW at Red Deer Knob (Section T 7826) and steepens to 60^{o} SW to the northwest (Section T 7830) while the Little Prairie Thrust maintains a relatively constant dip. The Pika Thrust is transected by both these thrusts at Red Deer Knob.

2.2.2 HOLTSLANDER NORTH BLOCK

2.2.2.1 Summary

The Holtslander North Block is bounded to the southwest by the Pika Thrust and to the northeast by the Holtslander Thrust and Upper Cretaceous sediments.

The Holtslander Synclinorium is the dominant structural feature of the block, which is transected by the Pika Thrust.

A complete stratigraphic sequence comprises the faulted Minnes Group sediments at the bottom to the faulted Dunvegan Formation

strata at the top. The Pika Thrust repeats the Minnes through Gates strata throughout the block. Sections of the Gates Member and Moosebar Formation have a measured thickness of 311 metres and 71 metres, respectively.

2.2.2.2 Coal Seam Development - Gates Member

The Holtslander North Block contains the nine coal zones identified by drill hole seam correlation throughout the property. This block can be considered a representative Gates coal bearing area. The range and average thickness of the zones are shown in Table 2.2.2.2.1. The detailed seams correlations are presented in Appendix V.

The basal seam (no. 1) is traceable throughout the Holtslander North Block. The seam thickens to the northwest, characterized by an increase in rock splits within the seam which is confirmed by trenching. (HN 78-1 and HN 78-2).

The no. 2 seam occurs as multiple seams in the southern part of the block, dies out into conglomeratic sandstones at BD 780l, then reappears as multiple seams in the north.

The no. 3 seam splits into numerous thin coal seams ranging in thickness from 3 cm to 29 cm in the central area (BD 780l) with increasing seam thicknesses in three other areas.

The no. 4 seam thins toward the centre of the block then completely dies out northward.

The no. 5 seam is continuous throughout the block and has an average consistent 5.5 m thickness. Several rock splits occur in the upper half of the seam as well as a rock split at the

TABLE 2.2.2.2.1

SUMMARY OF SEAM THICKNESSES
HOLTSLANDER NORTH BLOCK

	Average Thickness (m)			Range (m)		
Seam/Zone	Coal	Rock	Seam	Coal	Rock	Seam
9	1.0	0.4	1.40	1.0	0.4	1.40
8	0.5	0.1	0.6	0.5	0-0.1	0.5-0.7
	0.6	0	0.6	0.6	0	0.6
	1.8	0.4	2.2	1.4-2.4	0.1-1.0	1.5-3.4
	0.4	0.1	0.5	0.4	0.1	0.5
	0.6	0.1	0.7	0.6	0.1	0.7
7	0.6	0	0.6	0.6	0	0.6
	0.5	0.1	0.6	0.5-0.6	0-0.1	0.6
	0.5	0.1	0.6	0.5	0.1	0.6
6	2.3	1.2	3.5	2.1-2.5	1.1-1.4	3.2-3.9
	1.3	0.1	1.4	1.0-1.6	0.01	1.0-1.8
	0.8	1.3	2.1	0.4-1.3	1.1-1.5	1.5-2.8
5	4.3	1.2	5.5	3.5-5.1	1.0-1.3	4.8-6.4
4	0.9	0.3	1.2	0.9	0.3	1.2
3	1.2	0.1	1.2	0.7-1.6	0-0.1	0.7-1.8
2	0.6	0	0.6	0.5-0.6	0	0.5-0.6
	1.1	0.3	1.3	1.1	0.3	1.3
	0.8	0.2	1.0	0.5-1.2	0.1-0.3	0.5-1.5
1	3.7	1.8	5.5	2.6-5.3	0.4-3.8	2.6-5.3

base in the southern portion (BD 7801 and BD 7814).

The coal seams in zones 6, 7, 8 and 9 are numerous with some well developed seams (up to 3.9 m in zone 6). Of these zones, zone 7 has the poorest coal development.

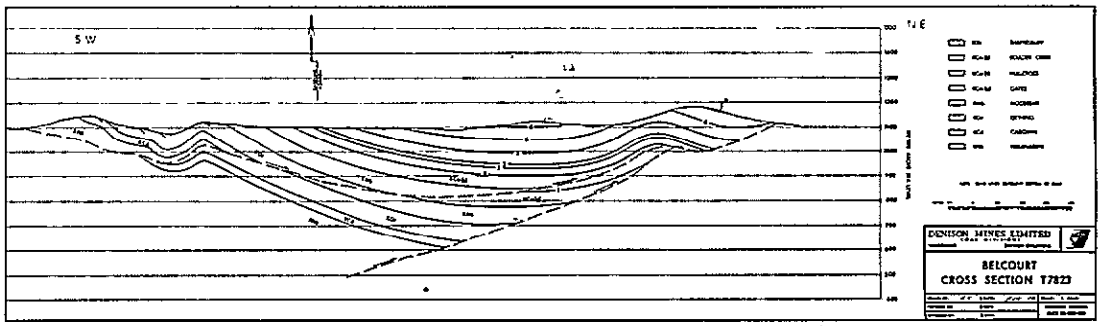
2.2.2.3 Structure

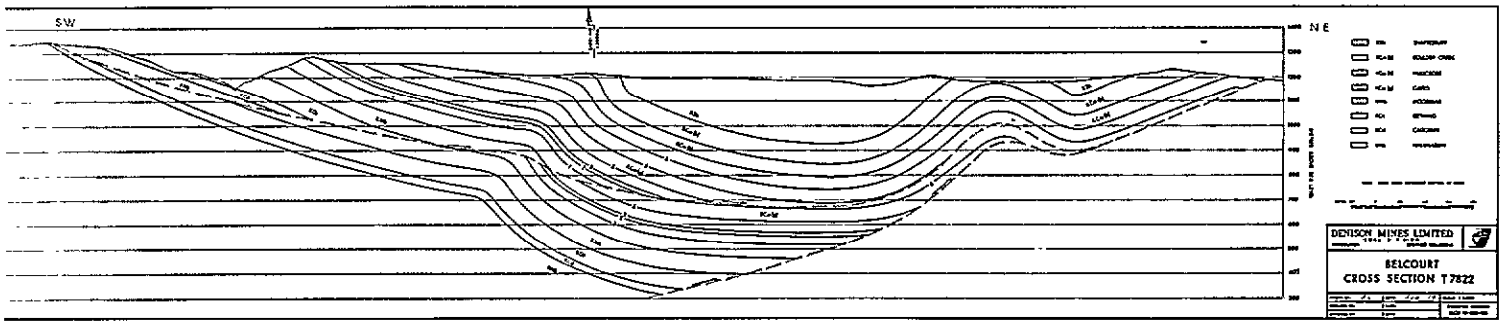
The structure in the Holtslander North Block is illustrated in Figure 2.2.2.3.1. The dominant structure is a very broad syncline which is cut off by the Holtslander Thrust in the northeast (Section T 7822).

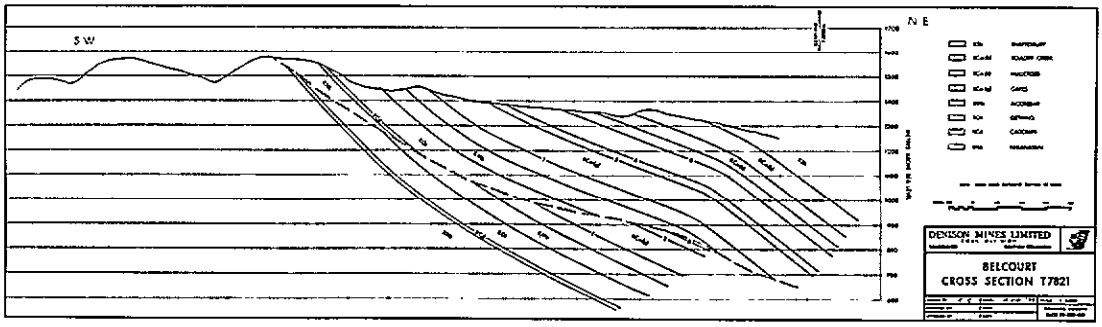
The first deformational stage, the Pika Thrust (Phase II) repeats most of the formations present throughout the block. The dip of the fault plane is flat, steepening to the southeast following the structure.

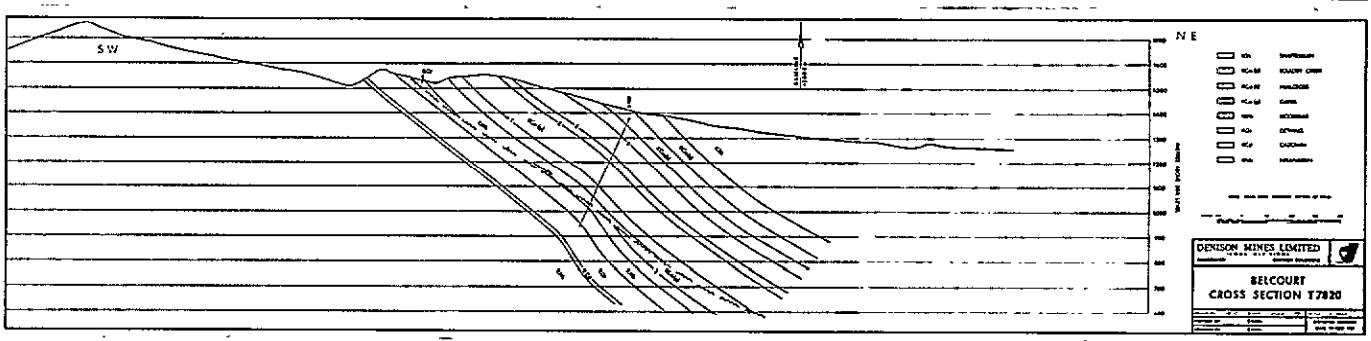
While movement along the Pika Thrust continued, the succession was folded (Phase III) into a major synclinorium to the northeast of Pika Thrust and a series of smaller anticlines and synclines to the southwest. These smaller folds are related to the Holtslander Anticlinorium to the south. The Holtslander Synclinorium has a shallow southeast plunge and, for most of the block, exposes the Shaftesbury Formation in its core.

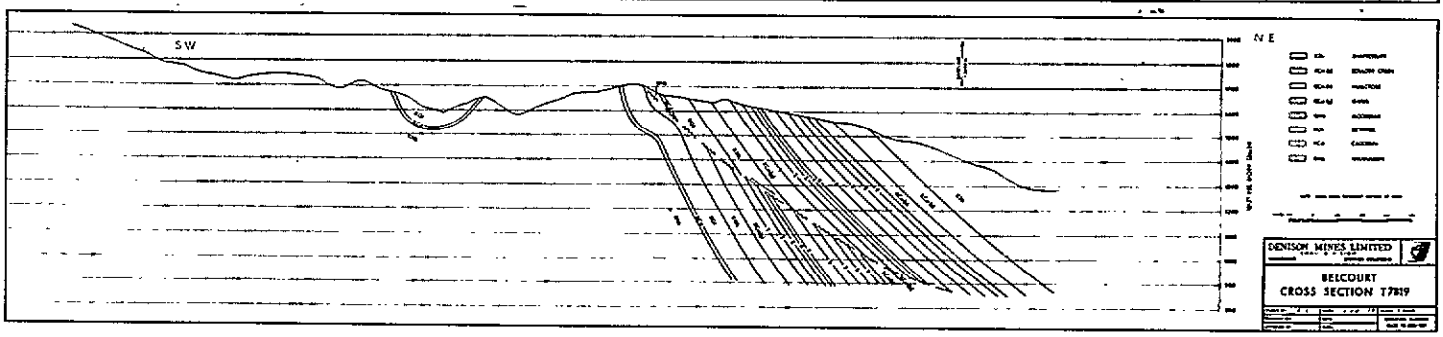
Movement along the folded thrusts diminshed and, while folding continued, the final deformational stage (Phase IV) began. This faulting is represented by the shallow southwest dipping Holtslander Thrust which underlies the block and outcrops along the northern and northeastern boundaries.











HOLTSLANDER NORTH SECTIONS

FIG. 2.2.2.3.1

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2.2.3 HOLTSLANDER SOUTH BLOCK

2.2.3.1 Summary

The Holtslander South Block is bounded by the Belcourt Thrust and Minnes Group sediments to the southwest and the Upper Cretaceous sediments and Pika Thrust splays to the northeast.

The block is structurally dominated by the faulted, complex box-like Holtslander Anticlinorium. The Gates Member sediments have been repeated throughout most of the block by the Pika Thrust and its splays. The Huguenot Fault transects the northeast limb of the anticlinorium in the southeast of the block.

2.2.3.2 Coal Seam Development - Gates Member

From drill information three coal zones of the Gates Member were identified. Numerous trenches including those dug in 1977 indicate the presence of other coal zones not intersected by drilling in the Holtslander South block. A summary of the coal thicknesses is presented in Table 2.2.3.2.1. Detailed seam correlation charts are presented in Appendix V.

Seams 1 and 2 appear to be continuous with a consistent average thickness throughout the block. Some trenches indicated anomalously high thicknesses for seams 3 and 4 and they were not used in the average thicknesses.

These trenches may actually be seam 5. The drill thickness for seam 5 indicated in Table 2.2.3.2.1 may be a result of fault repeating.

Since seam correlation was difficult using only trench data, the continuity and development of the upper seams and zones is difficult to determine at this time.

TABLE 2.2.3.2.1

SUMMARY OF SEAM THICKNESS
HOLTSLANDER SOUTH BLOCK

	Average Thickness (m)			Range (m)		
Seam/Zone	Coal	Rock	Seam	Coal	Rock	Seam
7	0.9	0	0.9	0.9	0	0.9
	0.5	0	0.5	0.5	0	0.5
6	0.6	0	0.6	0.6	0	0.6
	0.8	0.1	0.9	0.8	0.1	0.9
	1.8	0	1.8	1.8	0	1.8
5	7.5	1.6	9.1	7.5	1.6	9.1
5*	3.8	0.4	4.2	3.0-4.8	0-0.7	3.0-5.4
4*	0.6	0.4	1.0	0.6	0.4	1.0
3*	1.4	0.1	1.5	0.8-2.1	0-0.1	1.0-2.2
2*	2.9	0.9	3.8	1.5-5.5	0-1.3	2.5-4.1
1*	4.6	1.0	5.6	1.7-7.1	0.2-1.8	2.5-8.9

*from trench data

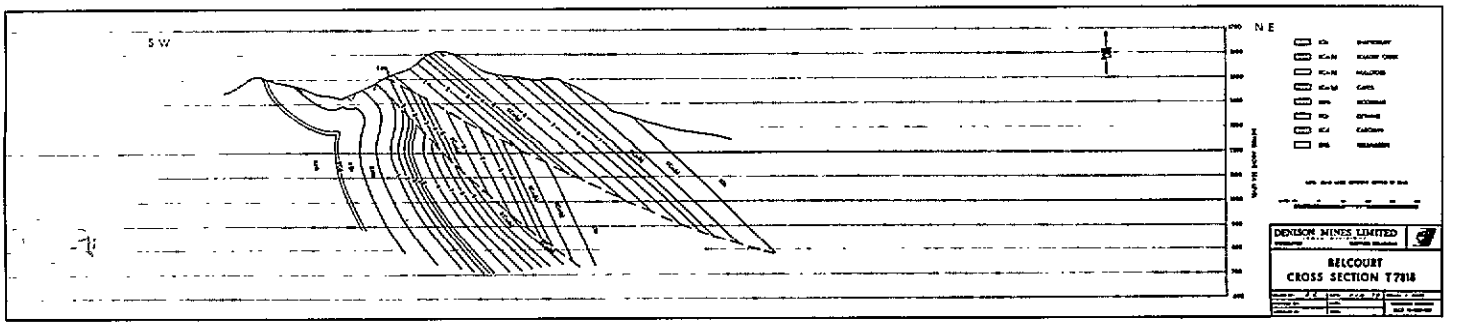
2.2.3.3 Structure

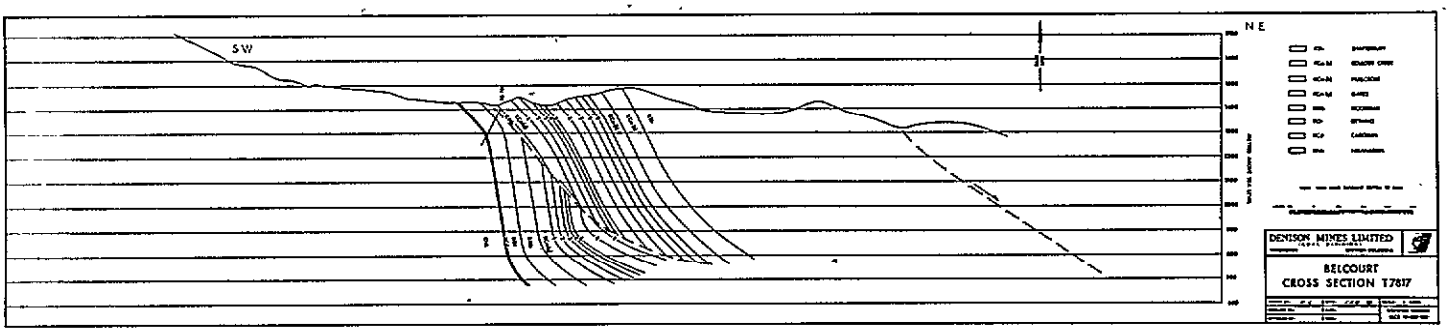
The structural style of Holtslander South is illustrated by the sections in Figure 2.2.3.3.1. Structural deformation of Holtslander South is explained by four stages in which folding and faulting are, in part, contemporaneous.

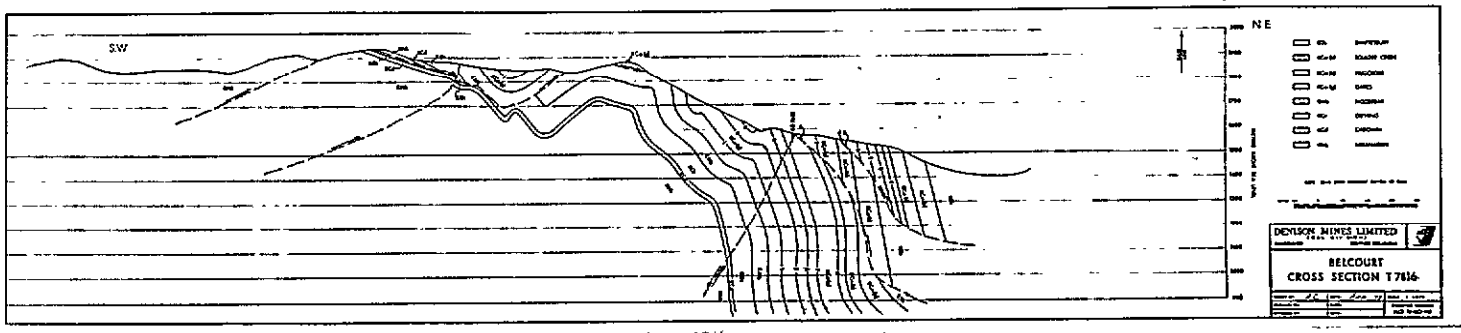
The first deformational stage (Phase I) is represented by the development of a northeast dipping thrust, the Huguenot Fault. Displacement along this fault diminshes northward and is virtually nonexistent north of Pika Spur. The second stage probably overlapped to some extent with the first stage and saw the development of the shallow, southwest dipping Pika Thrust and attendant splays (Phase II). The Pika Thrust, truncated the northeast dipping Huguenot Fault and repeated the Lower Cretaceous sediments.

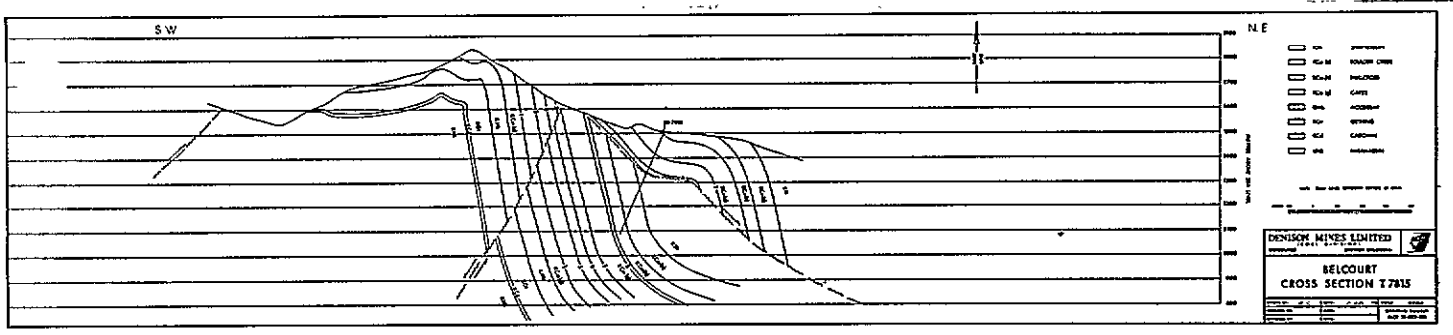
As thrusting progressed the major stage of folding began. This folding, (Phase III) is represented in this area by the Holtslander Anticlinorium. The anticlinorium is characterized by small tight folds in a box-like anticlinal structure with a very steep to overturned eastern limb that forms the western limb of the Holtslander Synclinorium. The box-like folded structure was accompanied by a small scale, parasitic, northeast dipping thrust on its western limb which repeats the Cadomin conglomerate north of Belcourt Creek.

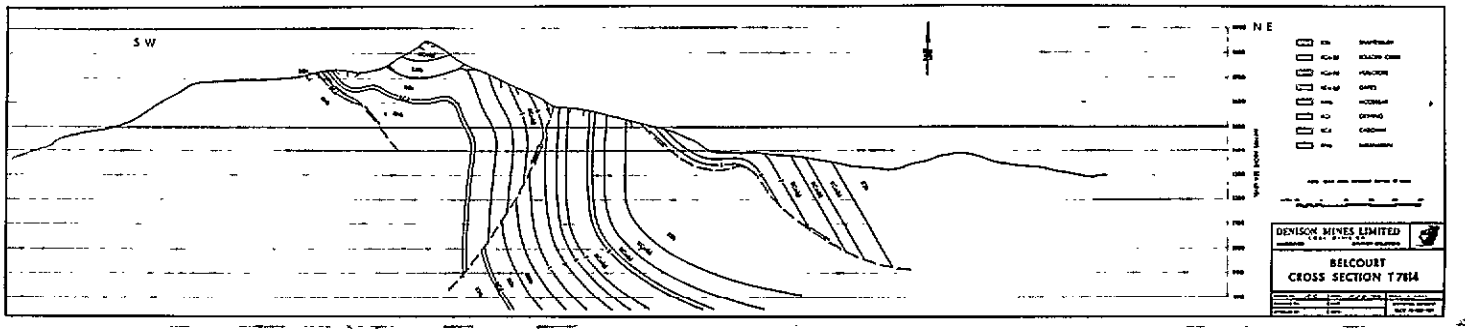
While movement along the faults diminished and folding continued, the development of southwest dipping thrusts began (Phase IV). These are represented by the Holtslander Thrust to the east and a west dipping thrust west of Pika Spur that may be related to the Belcourt Thrust to the south.

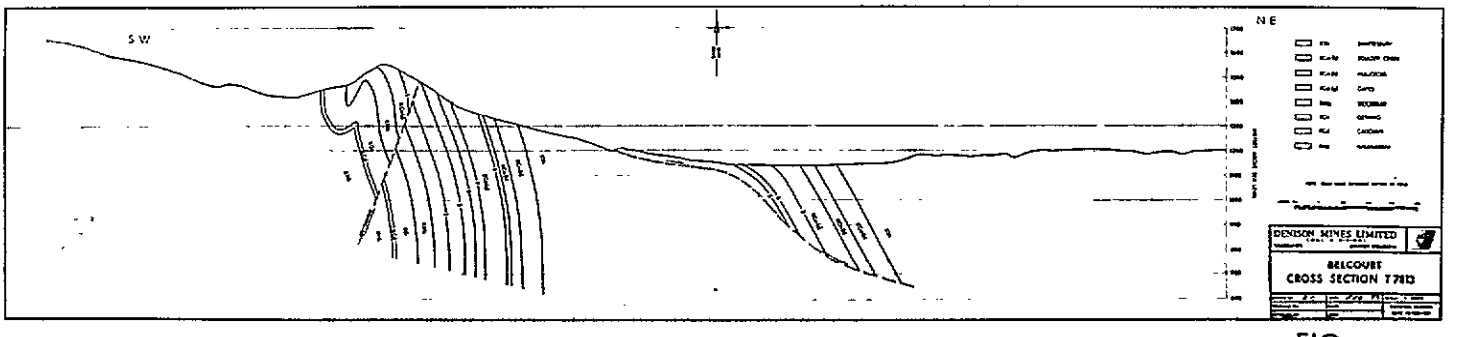












HOLTSLANDER SOUTH SECTIONS

SCALE 1:25,000

FIG. 2.2.3.3.1

2.2.4 HUGUENOT BLOCK

2.2.4.1 Summary

The Huguenot Block is bounded to the southwest by the Belcourt Thrust and to the northeast by folded Upper Cretaceous sediments.

This block is comprised of Minnes Group sediments through Shaftesbury Formation strata in the characteristic overturned southwestern limb of the Holtslander Synclinorium. The Gates Member of the Commotion Formation was measured, on this block, to be 316 metres thick.

2.2.4.2 Coal Seam Development - Gates Member

One drill hole provided data for the coal zone identification of the coal measures in the Gates Member. Five coal zones are recognized in the Gates Member and their average thicknesses are recorded in Table 2.2.4.2.1. The basal seam is the most consistent in the block, both in continuity and thickness and is ideally suited for hydraulic mining methods. Trenching confirmed the presence of the drill hole identified coal zones. As indicated in drill hole BD 7808, the upper half of the seam contains several significant rock splits.

Seams 2, 3 and 4 are not present in mineable thicknesses in BD 7808, however, there is some indication of mining section thicknesses in seam no. 3 from trenching data (H-78-25).

No. 5 zone appears to be consistent although not well developed with at least two coal seams.

The upper zones are probably continuous as indicated by drilling (BD 7808) and several trenches in the Upper Gates.

TABLE 2.2.4.2.1

SUMMARY OF SEAM THICKNESSES

HUGUENOT BLOCK

Seam/Zone	Average Thickness (m)		
	Coal	Rock	Seam
8	1.0	0.3	1.3
7	0.8	0.2	1.0
6	0.8	0	0.8
	1.5	0.5	2.0
5	0.6	0	0.6
	0.7	0.2	0.9
1	6.8	1.5	8.3

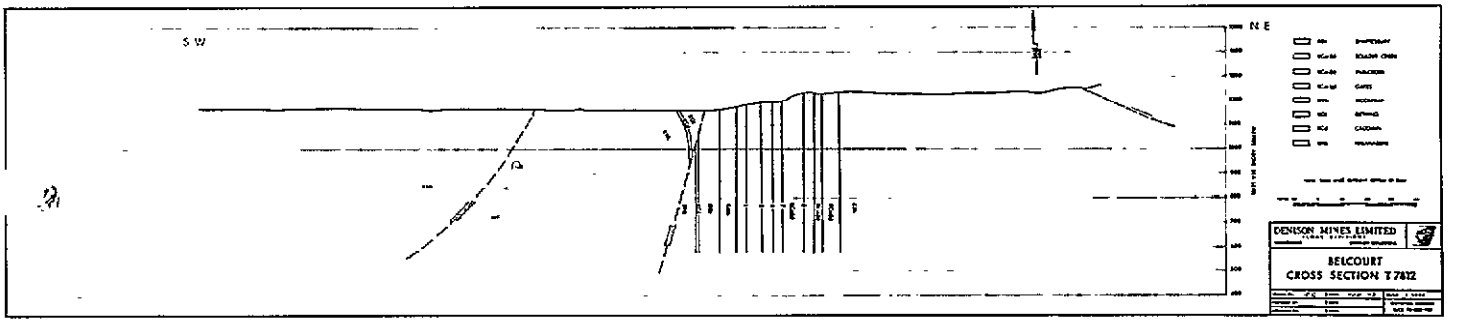
2.2.4.3 Structure

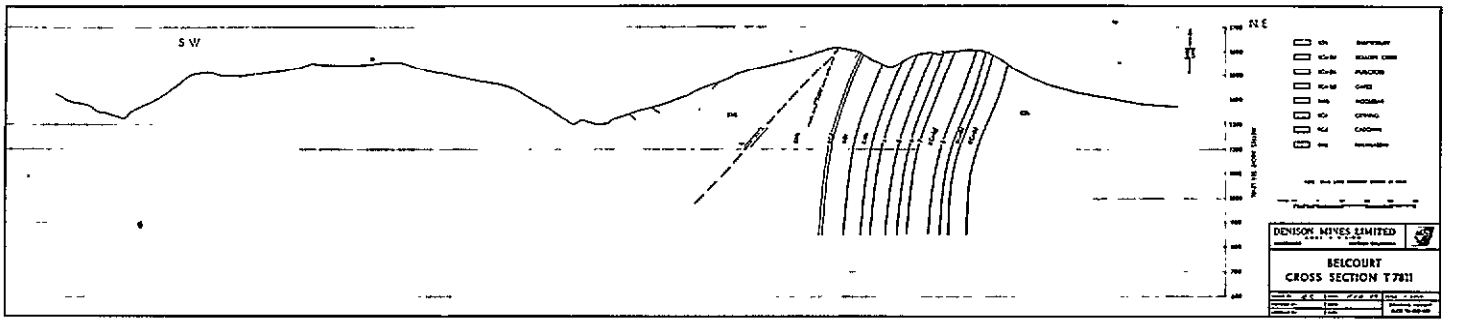
The overturned structure of the Huguenot Block is illustrated by the sections in Figure 2.2.4.3.1. Three stages of deformation are represented in this relatively simple structural block.

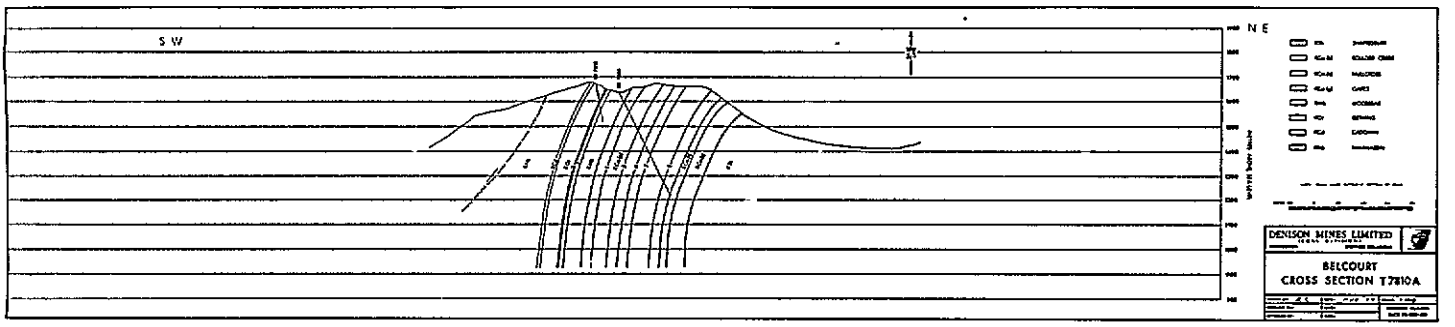
The first deformational stage, the Huguenot Thrust (Phase I), is evidenced in the extreme northwest and southeast of the block. In the northwest the displacement is minimal (Section T 7812), continuing the slight progressive increase southeast from Holtslander South Block. However, in the southeast, the displacement of the Huguenot Thrust is the greatest (Section T 7809) in the property.(see Sections T 7809 and T 7812).

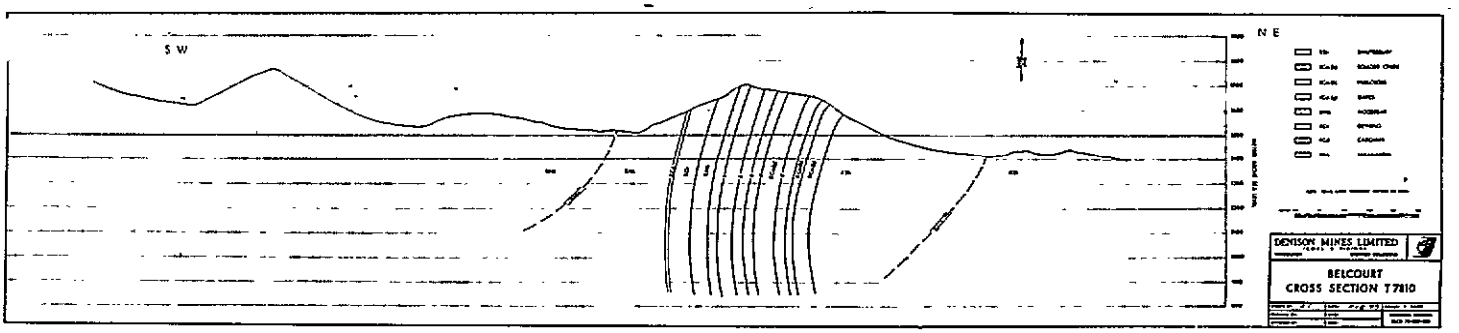
Folding (Phase III) took place in the style represented in the Holtslander and Ptarmigan Blocks. However, the major portion of the coal measures that are exposed do not reflect the folding as they are in the relatively undistrubed overturned southwest limb of the Holtslander Synclinorium. There is evidence that the synclinorium is plunging northwest through Huguenot Block, with the plunge possibly changing direction at Belcourt Creek. The Holtslander Anticlinorium is partly evidenced in the northwest of the block, and to a minor extent in the southeast of the block.

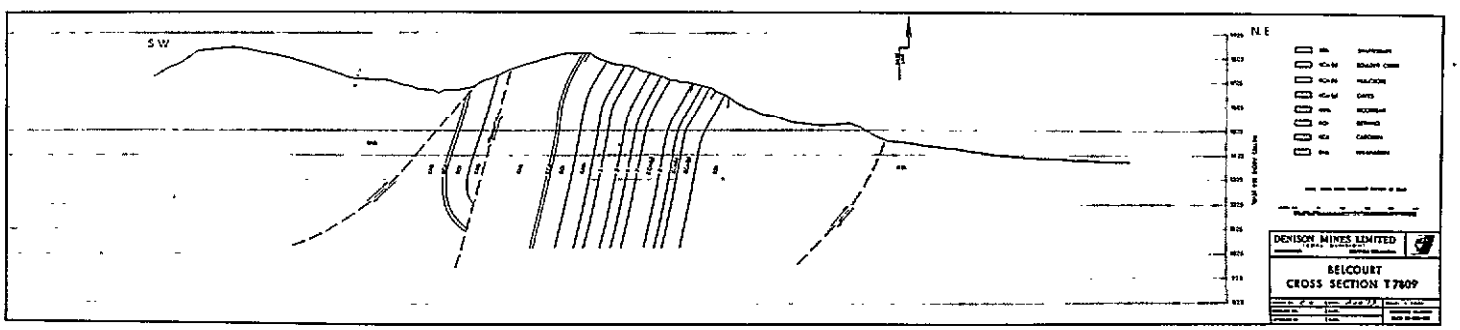
The southwest dipping Belcourt Thrust (Phase IV) has transected a major portion of the Holtslander Anticlinorium as well as the trace of the earlier Huguenot Fault. To the northeast, the Ptarmigan Thrust was contemporaneous with the Belcourt Thrust and has truncated the Holtslander Synclinorium in the southern half of the block.











HUGUENOT SECTIONS

SCALE 1:25,000

FIG.
2.2.4.3.1

2.2.5 PTARMIGAN BLOCK

2.2.5.1 Summary

The Ptarmigan Block is bounded to the southwest by the Belcourt Thrust and to the northeast by Upper Cretaceous sediments.

The block is dominated by the southeast continuation of the Holtslander Anticlinorium and Synclinorium, the common limb of which is cut by the Huguenot Fault.

A complete stratigarphic sequence from Minnes to Shaftesbury Formations is represented in this block.

2.2.5.2 Coal Seam Development - Gates Member

From drill information, six coal zones of the Gates Member were identified. The average thicknesses of these zones are presented in Table 2.2.5.2.1. The seam thicknesses of these coal zones agree with the values derived from trench data. Therefore, the seams appear to be continuous within the block with relatively consistent thicknesses.

Trenching data indicate that the zones 7, 8, and 9 have seams that are well developed with mineable seam thicknesses (P-78-14 and P-78-19).

2.2.5.3 Structure

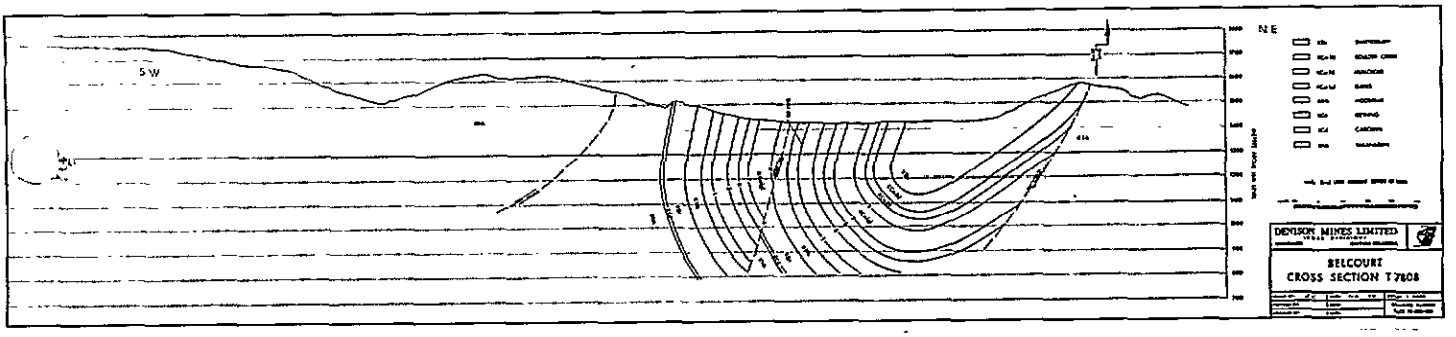
The structural style of the Ptarmigan Block is illustrated in Figure 2.2.5.3.1. There are three phases of deformation responsible for the structural style of this block.

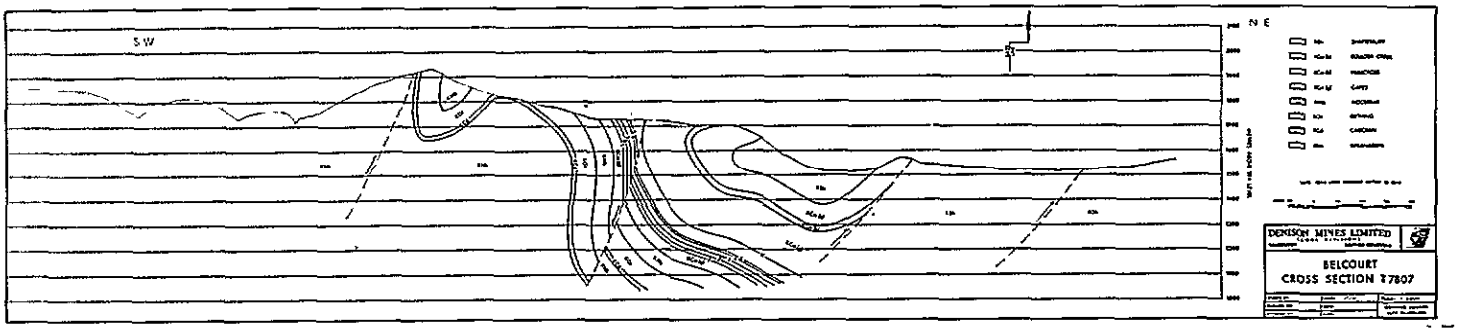
TABLE 2.2.5.2.1

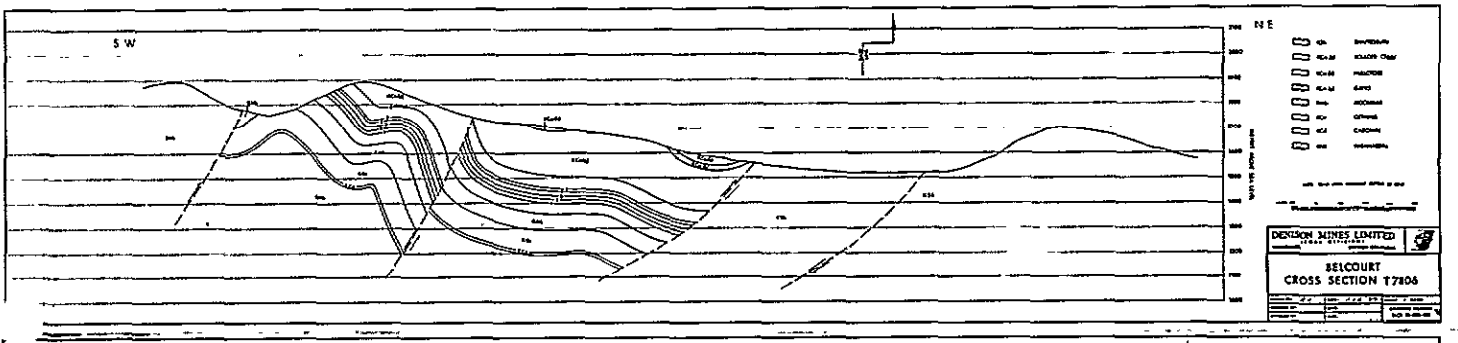
SUMMARY OF SEAM THICKNESSES

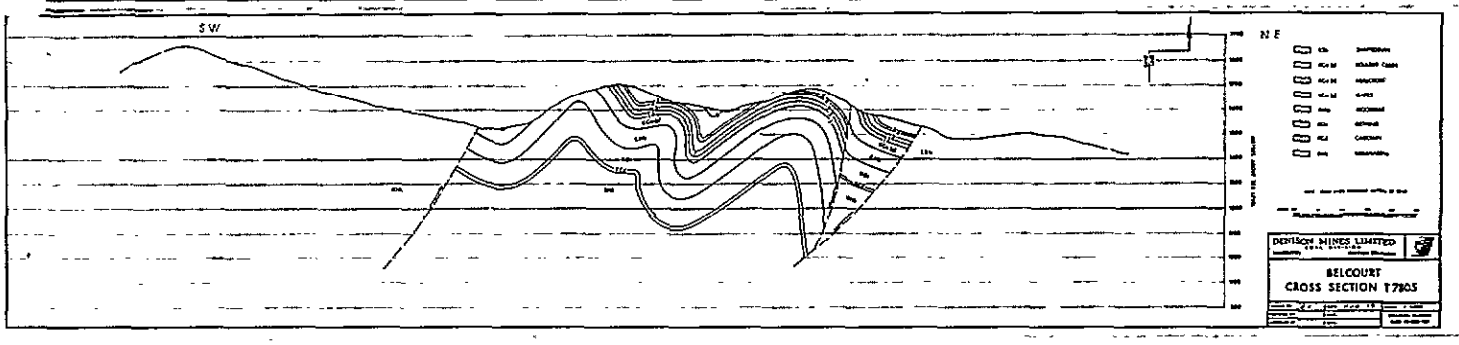
PTARMIGAN BLOCK

Seam/Zone	Average Thickness (m)		
	Coal	Rock	Seam
6	0.9	0	0.9
	0.6	0	0.6
5	6.3	0.5	6.8
4	0.9	0	0.9
3	2.1	0.8	2.9
2	1.8	0.2	2.0
1	3.0	0	3.0









PTARMIGAN SECTIONS

SCALE 1:25,000

FIG. 2.2.5.3.1

As in Holtslander South and Huguenot blocks, the first deformational stage is the development of the northeast dipping Huguenot Thrust (Phase I) which was subsequently folded (Phase III).

The folding to the southwest of the Huguenot Thrust, can be described as box-like toward the north with steep to slightly overturned limbs in the south (see Section T 7805).

To the northeast of the Huguenot Thrust, the strata is folded into a box-like, broad syncline that plunges to the northwest and is considered the southern expression of the Holtslander Synclinorium. The southwest limb is generally overturned to very overturned and is considered the southern extension of the overturned Huguenot Block (see Section T 7807).

The Phase IV Belcourt and Ptarmigan Thrusts transect the Lower Cretaceous Strata including truncating the Holtslander Synclinorium just north of Flume Creek.

2.2.6 OMEGA BLOCK

2.2.6.1 Summary

The Omega Block is bound to the southwest by the Belcourt Thrust and associated splay and to the northeast by the Ptarmigan Thrust and Shaftesbury Formation sediments.

The block is dominated by the Omega Syncline which plunges southeast and an accompanying faulted anticline to the west. A complete stratigraphic sequence is represented in this block. There is some evidence, particularly from mapping, to indicate that the Gates Member has a thickness of approximately 340 metres.

Also, Hulcross may be only 15 metres thick. Other formations are considered to have thicknesses similar to the rest of the property. These thicknesses were also assumed for Ptarmigan Block where stratigraphic control was more difficult.

2.2.6.2 Coal Seam Development - Gates Member

From drill hole information, seven coal zones are recognized in the Gates Member of the Commotion Formation, the average thicknesses of which are in Table 2.2.6.2.1. The continuity of the basal seams in the Omega Hill area is confirmed by trench data. The upper seams also appear to be continuous and some have thicknesses of less than half a metre.

There is very good seam correlation (seams 1-5) between Ptarmigan and Omega Blocks (BD 7806 and BD 7809). The continuity of these seams in these blocks is supported by trench data.

2.2.6.3 Structure

The structure of the Omega Block is illustrated in Figure 2.2.6.3.1. Only two phases of structural deformation are represented here.

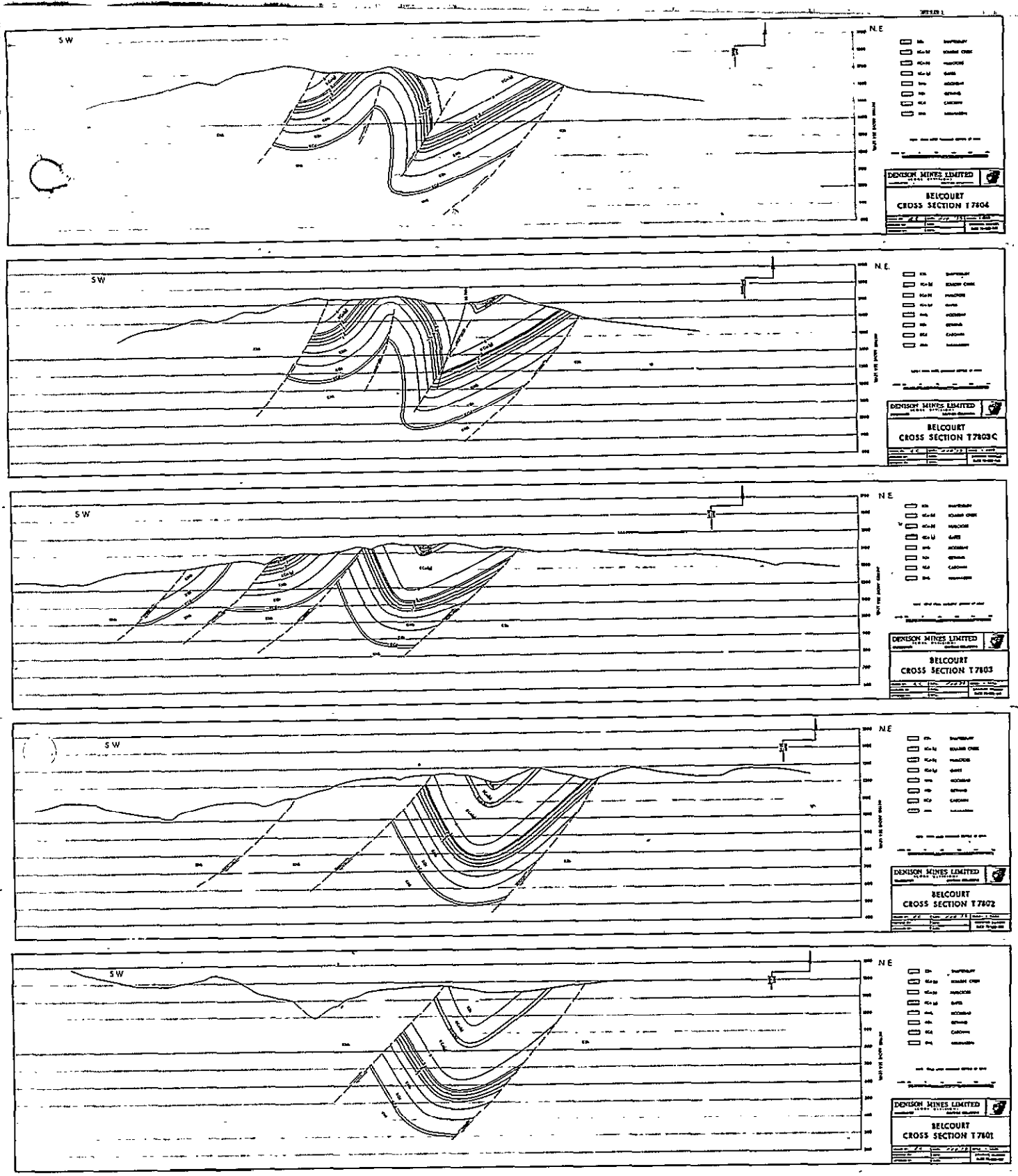
The first stage of deformation is the folding of the characteristic asymmetrical Omega Anticline and Syncline (Phase III). Their common limb is vertical to slightly overturned. The Omega Anticline is the northern termination of a contemporaneous southwest dipping thrust that extends to the Alberta/British Columbia border (and beyond) with rapidly increasing displacement. The anticline extends into Ptarmigan Block but dies in the box folding of North Ptarmigan.

TABLE 2.2.6.2.1

SUMMARY OF SEAM THICKNESSES

OMEGA BLOCK

Seam/Zone	Average Thickness (m)		
	Coal	Rock	Seam
7	0.5	0.3	0.8
6	0.9	0	0.9
	0.7	0	0.7
	0.5	0	0.5
	1.6	0.4	2.0
	0.7	0	0.7
5	4.4	0.2	4.6
4	0.7	0	0.7
3	4.0	0.9	4.9
2	2.3	0.1	2.4
1	3.8	0.2	4.0



OMEGA SECTIONS

SCALE 1:25,000

FIG.
2.2.6.3.1

The Omega Syncline plunges to the southeast and broadens slightly although the bounding thrusts restrict its lateral extent. A small thrust that is vertically and laterally discontinuous is interpreted from drill hole BD 7806 in the axis of the syncline.

The southwest dipping Belcourt and Ptarmigan Thrusts are the final stage of deformation in the area (Phase IV). The Belcourt Thrust has a splay that separates the southwest limb of the Omega Anticline to the southeast (see Section T 7803).

2.2.7 LITTLE PRAIRIE AND WINFREY BLOCKS

2.2.7.1 Summary

Both Little Prairie Block and Winfrey Block are predominantly underlain by Minnes Group sediments with relatively good structural continuity across their boundaries, and are described as one block.

The major structure is that of a broad anticlinorium (Belcourt Anticlinorium) partially defined by a thick lower Minnes conglomerate occurring in the Red Deer Valley. Fold patterns are to a large extent controlled by lithology. Tight contorted folds characterize the thinly inter-bedded claystone-siltstone-coal sequences of the Upper Minnes. Chevron folding is common. Folding of the massive sandstone-conglomerate sequence of the Lower Minnes Group is broad and open. Generally, for these blocks, little control on faulting and other structures was established due to a lack of field data.

3.1 POTENTIAL REGIONAL RESERVES

3.1.1 SUMMARY

In excess of 1.1 billion tonnes of potential in place raw coal reserves have been estimated to a depth of 500 metres on the Belcourt Property. These reserves have been calculated entirely within the Gates Member. Although less significant coal development has been confirmed in the Gething and Nikanassin Formations, no attempt has been made to calculate potential reserves from these formations at this time. The regional reserves are summarized by geological district in Table 3.1.1.1 and illustrated in Figure 3.1.1.1.

3.1.2 PROCEDURES AND PARAMETERS

The regional reserves were calculated using a series of parallel geological cross sections (1-33) spaced at 1500 metre intervals along the entire strike length of the property. These sections were prepared at a scale of 1:5000 in conjunction with structure contour plans of seam 1 in the Gates Member and were supplemented by cross sections drawn through drill hole locations. The basic reserve calculations formula and explanation of the parameters used are listed as follows:

Potential In Place Raw Coal =

seam (mining section) thickness
x
seam length
x
width (section influence)
x
estimated raw coal S.G.

Table 3.1.1.1

SUMMARY OF POTENTIAL REGIONAL RESERVES

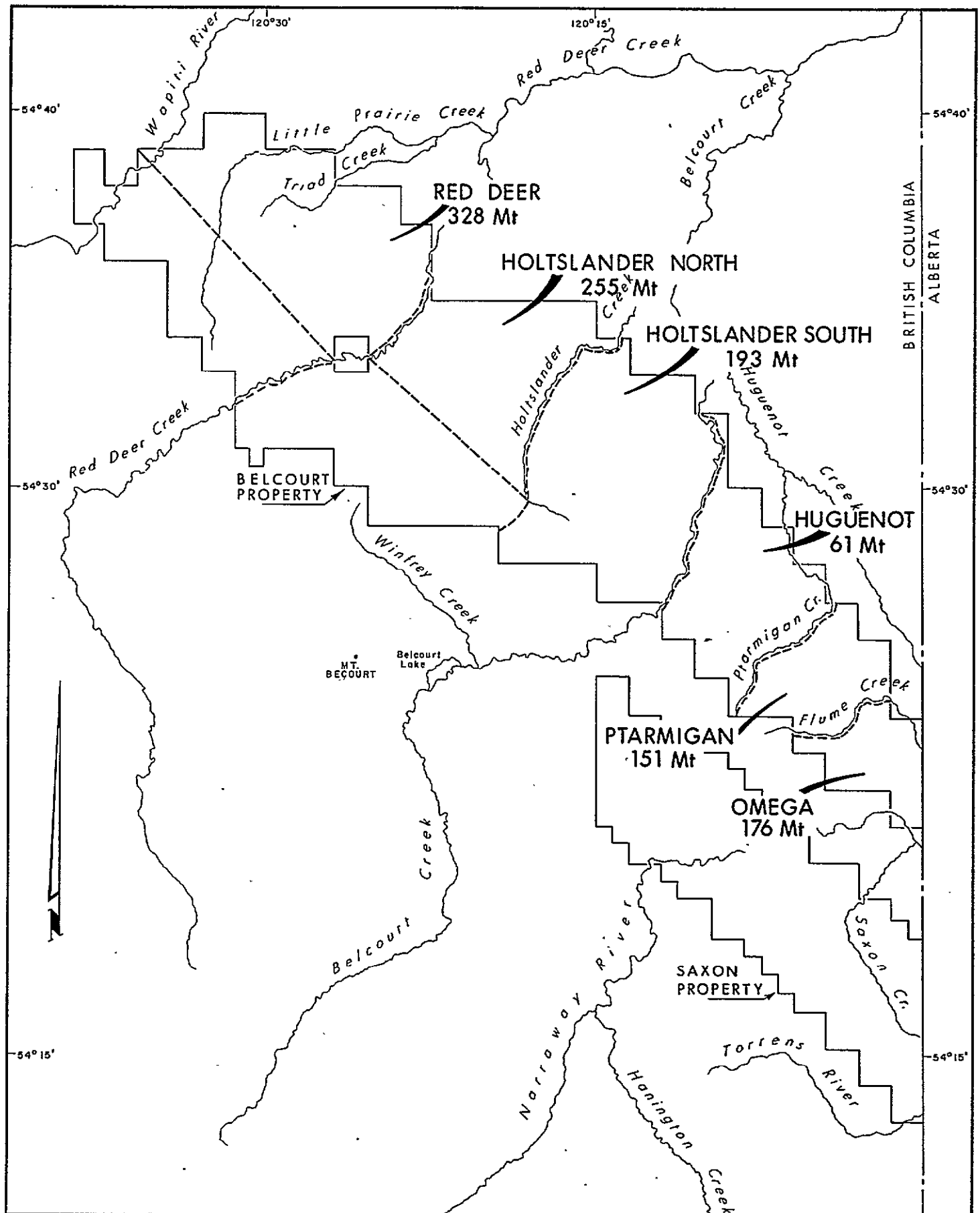
GATES MEMBER

Potential In-Place Raw Coal

(tonnes x 10^6)

Geological District	Mining Section Thicknesses[1] (M) ≥ 0.5	≥ 1.0	≥ 2.0	≥ 3.0
Red Deer (Sections 24-33)	328.30	303.15	244.51	233.93
Holtslander North (Sections 19-23)	255.10	229.08	180.31	180.31
Holtslander South (Sections 13-18)	193.06	163.77	115.77	115.77
Huguenot (Sections 9-12)	61.23	55.51	36.55	36.55
Ptarmigan (Sections 5-8)	151.12	132.78	121.50	83.87
Omega (Sections 1-4)	175.67	152.17	152.17	116.94
Totals	1164.48	1036.46	850.81	766.87

1) Denotes the minimum seam mining section thickness used in the derivation of reserves.



LEGEND

Mt MILLION METRIC TONNES
or MEGA TONNES

FIGURE 3·1·1·1

BELCOURT REGIONAL RESERVES

MINING SECTION THICKNESS ≧ 0.5m

SCALE 1 : 250,000

BLCR 79-0834-R01

Explanations of Parameters:

Seam (mining section) thickness

A true thickness of 0.5 metres was used as the minimum limit for seams considered in the regional reserves. In addition all seams (mining sections) were required to contain a minimum estimate of 65% coal by weight. A summary of the various mining sections listed by seam and drill hole are presented in Table 3.1.2.1. Seam thickness values from the drill holes were applied to the section according to estimated areas of drill hole influence.

Seam Length

Seam lengths were measured for each seam on the cross sections from surface to a maximum vertical depth of 500 metres.

Width

The width or cross section influence was normally defined as the distance between the mid points of adjacent sections (i.e. 1500 metres). On a few occasions, structural features (faults, fold culminations, etc.), topographic expressions (erosion from drainage patterns), and boundaries (i.e. Alberta/British Columbia) made section influence variable and thus in these instances it was calculated as an average of individual seam widths.

Estimated Raw Coal S.G.

Raw coal specific gravities were estimated for the drill hole mining sections according to the following equation:

$$\text{estimated S.G. of raw coal} = \frac{\text{coal thickness} \times \text{S.G. coal} + \text{in-seam rock thickness} \times \text{S.G. coal}}{\text{coal thickness} + \text{in-seam rock thickness}}$$

where coal thickness is the total estimated coal thickness in the mining section according to the detailed geological drill core log.

where rock thickness is the total estimated thickness of in-seam rock according to the detailed geological drill core log.

S.G. coal - estimated average = 1.3

S.G. rock - estimated average = 1.9

Detailed data sheets for the regional reserves have been included in Appendix 3.1. Specific gravity calculations are detailed in Appendix 3.3.

Table 3.1.2.1

BELCOURT PROJECT - MINING SECTION SUMMARY

DRILL HOLE	SEAM/ ZONE	ELEVATION BASE	DRILLED INTERVAL	TRUE THICKNESS	COAL/ROCK	SAMPLE I.D.	COMPOSITE LAB I.D.
7801	1	1095.32	288.65-293.25	4.26	3.09/1.17	4298	1
	5	1196.87	176.33-181.20	4.82	3.55/1.27	4258-4259	2
	6	1222.47	150.87-151.85	0.96	0.96/0.00	4263	
	6	1226.55	144.40-148.45	3.92	2.53/1.39	4260-4262	3
	8	1229.28	66.67- 68.20	1.49	1.41/0.08	4268	4
	8	1302.63	63.89- 64.50	0.60	0.60/0.00	4267	49
7802	1	1356.01	364.85-371.93	6.98	5.97/1.01	4243-4245	5
	2	1392.91	331.98-335.03	3.03	3.01/0.02	3955	7
	3	1401.49	320.87-326.45	5.56	5.10/0.46	3952-3954	6
	3	1408.57	318.49-319.37	0.88	0.86/0.02	4242	
	6	1481.22	245.47-246.72	1.24	1.22/0.02	3962	8
	6	1485.09	242.35-242.85	0.50	0.50/0.00	3961	50
	6	1495.59	231.65-232.35	0.70	0.63/0.07	3963	51
	6	1499.14	227.75-228.80	1.05	0.95/0.10	3964-3966	9
	7	1508.99	217.60-218.95	1.35	1.11/0.24	3967-3969	10
	8	1533.44	192.60-194.50	1.89	1.16/0.73	3970-3972	11
7805	5	1344.42	144.38-154.88	9.09	7.48/1.61		
	6	1366.56	129.03-131.00	1.77	1.77/0.00	4256	12
	6	1394.42	99.85-100.95	0.91	0.79/0.12		
	6	1399.52	94.69- 95.45	0.65	0.65/0.00		
	7	1430.52	61.42- 62.02	0.50	0.50/0.00		
	7	1453.76	35.95- 36.95	0.89	0.89/0.00		
7806	1	1206.70	523.05-528.50	4.04	3.82/0.22	4602	13
	2	1227.41	503.20-506.60	2.36	2.26/0.10	4603	14
	3	1253.18	473.38-479.35	4.88	3.99/0.89	4604-4606	15
	4	1279.65	450.33-451.35	0.75	0.75/0.00	4609	52
	5	1285.70	439.45-444.95	4.65	4.40/0.25	4607	16
	6	1446.44	273.15-274.95	0.74	0.74/0.00	4610	53
	6	1455.94	260.70-264.90	2.04	1.58/0.46	4611	17
	6	1473.58	245.11-246.25	0.73	0.73/0.00		
	6	1480.76	237.30-238.65	0.93	0.90/0.03	4612	18
7807	1	1520.44	157.53-200.62	11.07	10.21/0.86	4614-4619	19
	2	1646.48	53.47- 57.87	1.15	1.15/0.00	4613	20
7808	1	1546.78	89.50-.99.60	8.27	6.78/1.49	4701-4702	21
	5	1479.59	174.25-175.00	0.57	0.57/0.00		
	6	1434.29	222.75-225.85	1.99	1.53/0.46	4703	
	6	1412.90	248.65-249.85	0.85	0.85/0.00		
	7	1384.26	280.38-282.00	1.04	0.79/0.25	4704	22
	8	1275.73	402.20-403.80	1.29	1.01/0.28	4705	23

DRILL HOLE	SEAM/ ZONE	ELEVATION(base)	DRILLED INTERVAL	TRUE THICKNESS	COAL/ROCK	SAMPLE I.D.	COMPOSITE LAB I.D.
7809	1	1649.35	150.65-154.05	3.04	3.04/0.00	4713	24
	2	1665.24	133.35-135.70	2.02	1.81/0.21	4714	25
	3	1680.14	115.10-118.50	2.93	2.07/0.86	4715	27
	4	1697.63	97.38- 98.30	0.86	0.86/0.00		
	5	1706.03	81.03- 88.60	6.76	6.29/0.47	4716	26
	6	1758.10	27.80- 28.48	0.61	0.61/0.00		
	6	1774.97	8.00- 9.00	0.91	0.91/0.00		
7810	1	1293.56	180.30-191.05	5.39	5.24/0.15	4708	29
	2	1346.64	122.00-129.75	3.29	3.29/0.00	4712	31
	3	1357.69	111.25-117.00	3.37	3.24/0.13	4710	30
	3	1363.92	108.69-109.80	0.65	0.54/0.11	(4709)**	
7812	1	1064.35	307.33-315.70	6.86	6.06/0.80	4717-4718	32
	2	1095.97	272.87-277.10	2.98	2.98/0.00	4719	33
	3	1119.81	247.05-248.00	0.70	0.70/0.00		
	6	1173.46	178.54-182.50	3.04	1.74/1.30	4720	34
	6	1186.57	164.20-166.50	1.63	1.61/0.02	4721	35
	7	1218.27	126.98-127.80	0.58	0.58/0.00		
	8	1252.10	85.10- 86.50	1.00	1.00/0.00		
7814	*	970.20	360.74-362.12	1.06	1.06/0.00		
	2	986.49	341.80-343.50	1.50	1.20/0.30		
	1	1052.87	264.52-267.60	3.06	2.63/0.43	4724	36
	*	1068.84	248.84-249.34	0.50	0.50/0.00		
	2	1080.47	235.01-236.04	1.03	0.83/0.20		
	2	1082.78	232.06-233.40	1.34	1.08/0.26	4725	37
	*	1090.13	224.34-225.00	0.64	0.64/0.00		
	3	1103.27	209.28-209.98	0.70	0.70/0.00		
	4	1117.23	192.84-194.02	1.18	0.91/0.27		
	5	1130.45	173.70-178.90	5.20	4.24/0.96	4726	38
	6	1168.47	133.63-135.43	1.80	1.56/0.24	4728	40
	7	1203.08	95.27- 95.86	0.59	0.52/0.07		
	8	1235.03	55.89- 59.33	3.43	2.38/1.05	4729-4731	41
	8	1240.74	52.25- 52.80	0.55	0.51/0.04		
	9	1257.86	32.58- 33.23	0.64	0.64/0.00		
7816	1	877.06	246.75-247.85	1.06	1.06/0.00	4733	45
	1	878.75	245.20-246.03	0.80	0.63/0.17		
	1	881.05	243.01-243.54	0.52	0.52/0.00		
	1	882.44	238.40-242.05	3.53	3.09/0.44	4732	44
	2	907.97	214.00-214.51	0.50	0.50/0.00		
	3	921.70	197.92-199.70	1.76	1.61/0.15		
	5	964.25	147.30-153.80	6.44	5.15/1.29	4734-4735	46
	6	1016.55	94.13- 97.40	3.16	2.10/1.06	4736-4737	47
	8	1068.94	39.05- 40.90	1.82	1.70/0.12	4738	48
	8	1074.36	34.50- 35.05	0.54	0.54/0.00		

GETHING COAL

DRILL HOLE	ELEVATION (base)	DRILLED INTERVAL	TRUE THICKNESS	COAL/ROCK	SAMPLE I.D.	COMPOSITE LAB I.D.
7810	1051.48	508.97-510.95	1.37	1.37/0.00	4707	28
7811	1301.65	121.97-122.50	0.50	0.50/0.00		
	1304.65	118.44-119.13	0.66	0.66/0.00		
	1307.53	114.06-115.90	1.75	1.75/0.00		
	1341.78	76.09- 77.46	1.20	1.20/0.00	4161	
7815	1595.12	81.33- 84.00	1.50	1.50/0.00	4723	43
	1600.58	74.97- 78.45	1.93	1.38/0.55	4722	42

NIKANASSIN COAL

7811	1264.08	166.77-164.67	1.85	1.85/0.00	4162	
	1266.35	161.58-162.12	0.50	0.50/0.00		

Notes:

* Coal Stringer
** Sample interval does not correspond to the mining section interval

All measurements are in metres.

3.2 POTENTIAL RESERVES OF PROPOSED PIT AREAS

Areas containing potential reserves ammenable to both open pit and underground mining have been outlined on a regional basis. The following section of the text presents a broad evaluation of the open pit mining potential of four selected areas based on present geological interpretations.

3.2.1 SUMMARY

Potential open pit in place raw coal reserves of 356 million tonnes have been calculated from selected areas within the Red Deer, Holtslander North, Ptarmigan and Omega geological blocks. Plant feed stripping ratios from these areas range between 10.8:1 and 12.8:1 (bank cubic metres per tonnes of wet plant feed coal). A total of 170 million tonnes of clean coal have been estimated within these areas using geological yields. On considering the location and quantity available in these reserve areas, potential exists for 4 million tonne per year open pit operations in both the northern (Red Deer and Holtslander North) and southern (Ptarmigan and Omega) portions of the property. The potential open pit reserves are summarized in Table 3.2.1.1 and illustrated in Figure 3.2.1.1. Details of the calculations are presented in Appendix 3.2.

3.2.2 PROCEDURES AND PARAMETERS

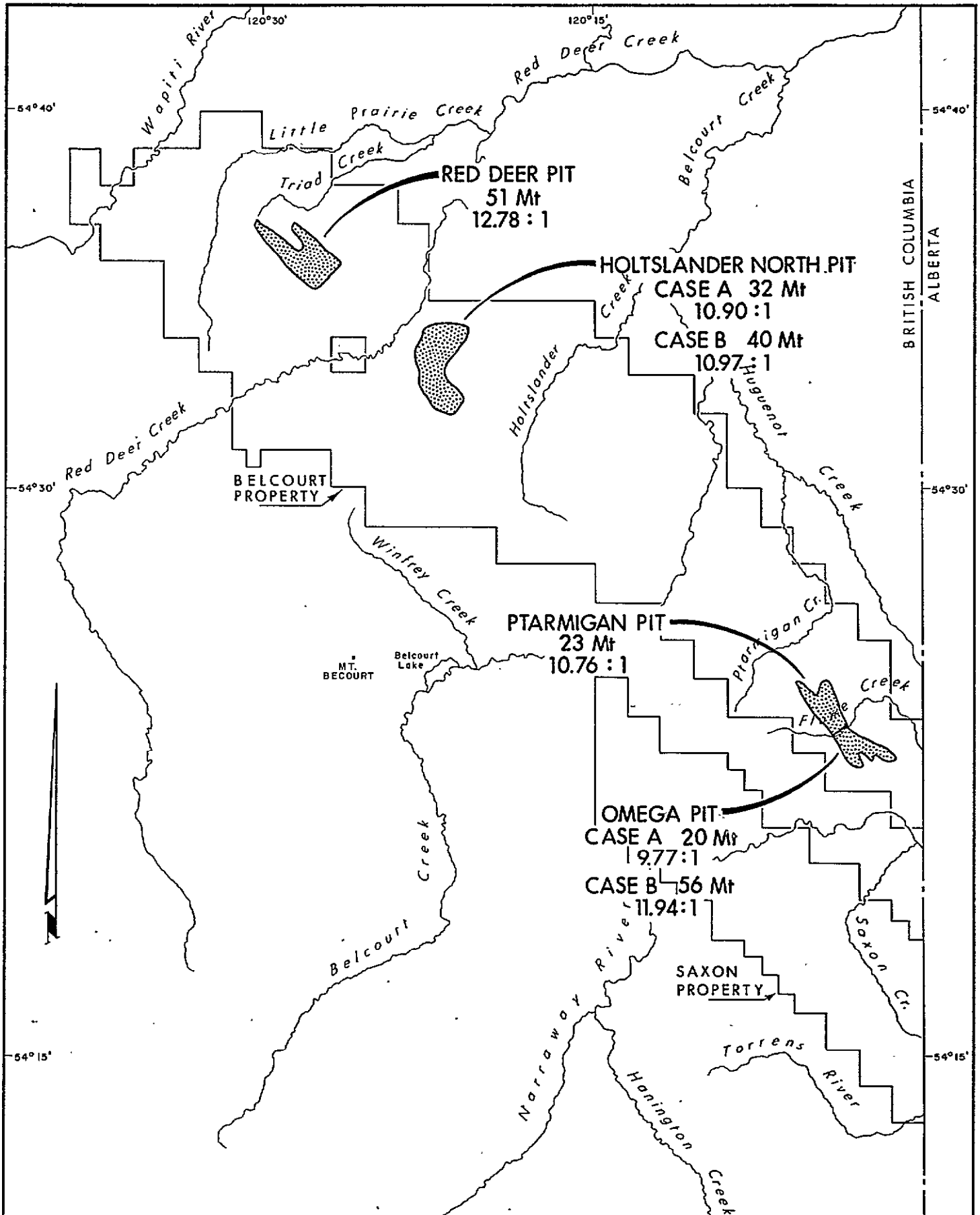
The potential open pit reserves areas were defined on composite 1:5000 geological map sheets and "fill in" cross sections were added to supplement the regional cross section grid. Geological sections and plans for the reserve areas have been presented in Appendix V. Potential open pit reserve calculations were under-

Table 3.2.1.1

SUMMARY OF PIT RESERVES

	In Place Raw Coal (tonnes x 10^6)	Plant Feed (Wet) (tonnes x 10^6)	Geological Clean Coal (tonnes x 10^6)	Plant Feed Strip Ratio
Red Deer Pit	106.27	79.05	51.26	12.78
Holtslander North Pit				
Case A	70.21	52.24	31.77	10.90
Case B	88.44	65.81	39.96	10.97
Ptarmigan Pit	44.89	33.41	22.63	10.76
Omega Pit				
Case A	39.44	29.34	19.85	9.77
Case B	116.37	86.58	56.44	11.94
TOTALS:				
Case A	260.81	194.04	125.51	11.47*
Case B	355.97	264.85	170.29	11.80*

* weighted average Plant Feed Strip Ratio



LEGEND

Mt MILLION METRIC TONNES or MEGA TONNES

10.76 : 1 PLANT FEED STRIP RATIO

FIGURE 3-2-1-1

BELCOURT POTENTIAL PIT AREA

CLEAN COAL RESERVES & PLANT FEED STRIP RATIO

SCALE 1 : 250,000 BLCR 79-0835-R01

taken using data from the cross sections according to the following series of equations and parameters:

In Place Raw Coal =

mining section thickness
x
seam length
x
width
x
S.G. of raw coal

The above parameters were derived in the same fashion as in the previous explanation of regional reserve calculations. However, in the case of the open pits, seam length measurements exlcuded all coal to a vertical depth of 15 metres to allow for oxidation. Mining sections were also further classified to include only sections greater than 1 metre in thickness from areas dipping greater than 30^{o}. A minimum mining section thickness of 0.5 metres was used in areas dipping less than 30^{o}.

Plant Feed Coal =

in place raw coal
x
geological factor (.75)
x
mining factor (.90)
x
out of seam dilution factor (1.05)
x
pit moisture factor (1.05)

Geological Factor

Although the confidence of geological interpretation varies throughout the property, an average value of 0.75 was used.

Mining Factor

A 0.90 factor has been applied to account for various open pit mining losses.

Out of Seam Dilution Factor

A factor of 1.05 was applied to account for the addition of out of seam dilutant rock.

Pit Moisture Factor

A further factor of 1.05 was applied to account for various forms of pit moisture.

Geological Clean Coal =

Dry plant feed '/. out of seam dilution factor

x

estimated yield

Estimated yield

Laboratory yields were adjusted to account for missing core within the mining sections according to the following equation:

$$\text{estimated yield} = \frac{Y_L \times T_R + Y_M \times T_M}{T_R + T_M} \times .94$$

Y_L = laboratory yield
Y_M = estimated yield of missing section
T_R = recovered thickness
T_M = missing thickness
.94 = wash plant efficiency factor

The estimated yield for the missing sections was calculated as follows:

$$\text{yield of missing sections } (Y_M) = \frac{CT \times 1.3 \times 0.9}{CT \times 1.3 + RT \times 1.9}$$

CT = coal thickness of lost portion
1.3 = average specific gravity of coal
0.9 = yield reduction factor
RT = rock thickness of lost portion
1.9 = average specific gravity of in-seam rock

Detailed yield calculation data sheets are included in Appendix 3.3.

Explanation of plant feed stripping ratios: Pit walls were laid out on the cross sections at between 45^0 and 55^0 depending on the dips

of wall strata. Separate sections were drawn at the ends of the pits where required to account for "end effect" volumes. The plant feed strip ratios of the pits were calculated as follows:

$$\text{Plant Feed Strip Ratio} = \frac{\text{Total Volume - Dry Plant Feed Volume}}{\text{Wet Plant Feed}}$$

Total volumes were calculated using a planimeter to obtain areas on the cross sections and then multiplying by the section width. Dry plant feed volume was obtained as follows:

$$\text{Dry Plant Feed Volume} = \frac{\text{Dry Plant Feed (tonnes)}}{\text{Plant Feed S.G.}}$$

$$\text{Plant Feed S.G.} = \frac{1.05 \times \text{S.G. of raw coal}}{\left(\frac{0.5 \times \text{S.G. of Raw Coal}}{2.39}\right) + 1}$$

2.39 = the estimated average specific gravity of out of seam dilutant rock.

Data sheets for the strip ratio calculations are presented in Appendix 3.4.

It should be noted that if further exploration work confirms present geological interpretations such that the geological factor can be raised from .75 to .90, the effect would be to lower the present weighted average strip ratio of 11.8:1 to a ratio of 9.7:1 with a corresponding 20% increase in reserves.

3.2.3 RED DEER PIT POTENTIAL RESERVES

The planned pit in the Red Deer Block (see Appendix V) has potential in place raw coal reserves of 106.27 million tonnes at a plant feed strip ratio of 12.78:1 yielding 51.26 million tonnes of geological clean coal (see Table 3.2.4.1).

Table 3.2.3.1

Summary of Red Deer Pit

Section	In Place Raw Coal (tonnes x 10^6)	Plant Feed (Wet) (tonnes x 10^6)	Yield (%) (weighted ave.)	Plant Feed Strip Ratio	Geological Clean Coal
T7827	34.25	25.48	70.23	15.21	16.23
T7827A	29.28	21.78	70.81	13.15	13.99
T7827B	15.42	11.47	72.15	8.75	7.51
T7827B	5.28	3.93	70.94	11.18	2.53
T7828	10.39	7.72	73.26	10.23	5.14
T7828	2.14	1.59	71.44	11.88	1.03
T7828A	3.24	2.41	74.30	13.31	1.62
T7828A	1.85	1.38	82.40	19.28	1.03
T7828B	3.24	2.41	73.27	11.29	1.60
T7829	1.18	0.88	73.19	8.99	0.58
TOTALS	106.27	79.05	73.20 *	12.78 **	51.26

* average

** weighted average by plant feed tonnes

Most of the calculated open pit reserves at Red Deer are derived from the broad "box form" anticline located in the central portion of the block. Reducing the present strip ratio is difficult as this structure has a relatively uniform cover. The confirmation of the structure's plunge will be important to further strip ratio evaluations.

3.2.4 HOLTSLANDER NORTH PIT POTENTIAL RESERVES

There are two planned pits in Holtslander North, Case A and Case B. Both pits are identical except that Case B includes one more section (T7821A - see Appendix V.) with mining section thicknesses assigned from drill hole BD 7816.

The planned pit for Case A has potential in place raw coal reserves of 70.21 million tonnes at a plant feed strip ratio of 10.9:1 yielding 31.77 million tonnes of geological clean coal (see Table 3.2.5.1).

The planned pit for Case B has potential in place raw coal reserves of 88.44 million tonnes at a plant feed strip ratio of 10.97:1 yielding 39.96 million tonnes of geological clean coal (see Table 3.2.5.2).

The broad open Holtslander Synclinorium with the resulting relatively flat lying coal seams makes it possible to mine the more numerous thin mining sections of this area. At the same time this structure and coal seam development restricts pit planning in that a smaller pit will not improve the strip ratio significantly.

3.2.5 PTARMIGAN PIT POTENTIAL RESERVES

The planned pit in the Ptarmigan Block is considered to be an extension of both Case A and Case B in Omega Block (see Appendix V).

Table 3.2.4.1

Summary of Holtslander North Pit - Case A

Section	In Place Raw Coal (tonnes x 10^6)	Plant Feed (Wet) (tonnes x 10^6)	Yield (%) (weighted ave.)	Plant Feed Strip Ratio	Geological Clean Coal
T7822	12.31	9.16	66.43	10.22	5.52
T7822A	7.96	5.92	68.20	10.09	3.66
T7822B	28.28	21.04	65.46	11.93	12.59
T7823	19.89	14.80	67.89	10.52	9.11
T7823A	1.77	1.32	74.82	7.25	0.89
TOTALS	70.21	52.24	68.56 *	10.90 **	31.77

* average

** weighted average by plant feed tonnes

Table 3.2.4.2

Summary of Holtslander North Pit - Case B

Section	In Place Raw Coal (tonnes x 10^6)	Plant Feed (Wet) (tonnes x 10^6)	Yield (%) (weighted ave.)	Plant Feed Strip Ratio	Geological Clean Coal
T7821A	18.89	14.06	66.36	11.58	8.46
T7822	11.65	8.67	66.80	9.61	5.25
T7822A	7.96	5.92	68.20	10.09	3.66
T7822B	28.28	21.04	65.46	11.93	12.59
T7823	19.89	14.80	67.89	10.52	9.11
T7823A	1.77	1.32	74.82	7.25	0.89
TOTALS	88.44	65.81	68.26 *	10.97 **	39.96

* average

** weighted average by plant feed tonnes

This pit has potential in place raw coal reserves of 44.89 million tonnes at a plant feed strip ratio of 10.76:1 yielding 22.63 million tonnes of geological clean coal (see Table 3.2.6.1).

The structure within the pit is complex and future interpretations will greatly affect pit potential. In addition, the drill hole influencing the pit area has only drilled the lower Gates section and there is good evidence (i.e. trenching data) to believe that future exploration will define significant coal in the Upper Gates thereby improving the reserves significantly.

3.2.6 OMEGA PIT POTENTIAL RESERVES

There are two planned pits in Omega Block. Case A was planned to extract only the lowest strip ratio coal on the limbs of the Omega Syncline and Anticline. Case B recovered considerably more coal by removing all of the reserves in the syncline at a somewhat higher strip ratio (see Appendix V).

The planned pit for Case A has potential in place raw coal reserves of 39.44 million tonnes at a plant feed strip ratio of 9.77:1 yielding 19.85 million tonnes of geological clean coal (see Table 3.2.7.1).

The planned pit for Case B has potential in place raw coal reserves of 116.37 million tonnes at a plant feed strip ratio 11.94:1 yielding 59.34 million tonnes of geological clean coal (see Table 3.2.7.2).

The controlling structure, the Omega Syncline, is well defined in the area. To obtain significant coal tonnage at Omega this syncline must be mined to its axis.

Table 3.2.5.1

Summary of Ptarmigan Pit

Section	In Place Raw Coal (tonnes x 10^6)	Plant Feed (Wet) (tonnes x 10^6)	Yield (%) (weighted ave.)	Plant Feed Strip Ratio	Geological Clean Coal
T7804B	3.20	2.38	74.73	10.54	1.61
T7805	10.96	8.16	73.40	6.93	5.43
T7805A	19.59	14.57	75.24	13.06	9.95
T7805B	3.15	2.35	75.67	12.74	1.61
T7806	4.07	3.03	74.82	10.04	2.06
T7806A	3.92	2.92	74.64	9.26	1.97
TOTALS	44.89	33.41	74.75 *	10.76 **	22.63

* average

** weighted average by plant feed tonnes

Table 3.2.6.1

Summary of Omega Pit - Case A

Section	In Place Raw Coal (tonnes x 10^6)	Plant Feed (Wet) (tonnes x 10^6)	Yield (%) (weighted ave.)	Plant Feed Strip Ratio	Geological Clean Coal
T7802A	4.38	3.26	73.64	11.49	2.18
T7803	2.61	1.94	73.54	11.35	1.30
T7803	2.53	1.88	74.67	5.20	1.28
T7803A	2.44	1.81	73.98	12.43	1.22
T7803A	2.94	2.18	74.29	5.99	1.47
T7803B	2.12	1.58	73.97	10.67	1.06
T7803B	2.08	1.55	74.61	14.86	1.05
T7803B	3.69	2.75	75.57	9.76	1.88
T7803C	1.36	1.01	75.81	9.08	0.69
T7803C	1.34	1.00	73.94	10.52	0.67
T7803C	2.32	1.72	74.93	11.11	1.17
T7804	2.20	1.64	75.84	8.80	1.13
T7804	1.22	0.91	73.48	7.39	0.60
T7804	2.47	1.84	75.21	10.47	1.25
T7804A	5.74	4.27	74.78	8.42	2.90
TOTALS	39.44	29.34	74.55 *	9.77 **	19.85

* average

** weighted average by plant feed tonnes

Table 3.2.6.2

Summary of Omega Pit - Case B

Section	In Place Raw Coal (tonnes x 10^6)	Plant Feed (Wet) (tonnes x 10^6)	Yield (%) (weighted ave.)	Plant Feed Strip Ratio	Geological Clean Coal
T7802	2.98	2.22	74.17	10.53	1.49
T7802A	27.31	20.32	75.95	11.67	14.01
T7803	17.09	12.72	75.86	6.93	8.75
T7803	2.42	1.80	75.67	11.80	1.23
T7803A	18.36	13.66	75.54	11.32	9.36
T7803B	19.29	14.35	75.22	14.60	9.79
T7803C	10.81	8.04	75.36	12.60	5.50
T7804	12.37	9.20	75.58	11.82	6.31
T7804A	5.74	4.27	74.78	8.42	2.90
TOTALS	116.37	86.58	75.35 *	11.94 **	59.34

* average

** weighted average by plant feed tonnes

4.1 SUMMARY

Drill core samples from the 1978 exploration programme form the basis for the present Belcourt Property coal quality evaluation. Fifty-one of the fifty-four drill core composites analyzed are from the Gates Member, while the remaining three are Gething coal samples. Weighted average simulated product coal quality of the Gates Member in the Belcourt Property indicate a low ash (<7.5%), low sulphur (<0.40), low phosphorous (<0.040) coal with F.S.I. values near 6 and a high laboratory yield (near 80%). South of Ptarmigan Creek a low volatile coal (19% volatiles) is characteristic while north of the creek the coal is of a medium volatile content (25% volatile). (All data reported in this section are on an air dried basis unless otherwise indicated.)

All petrographic data received to date show the Belcourt coals to be good coking coals with an average mean maximum reflectance of 1.35 and an average percent reactives of 70.1.

All of the drill core analyses were completed by General Testing Laboratories, Vancouver. Simulated product coal samples were sent to Cascade Coal Petrography Limited, Calgary for petrographic analyses. Samples were also sent to the Energy Research Laboratories of CANMET, in Ottawa for petrographic analysis and bench scale coke tests.

4.2 DRILL CORE ANALYSIS

After core logging was completed, coal seams were sampled, placed in air tight plastic bags and sent to the laboratory for analysis. The flow diagrams outlining the sample processing are shown in Figures 4.2.1 and 4.2.2.

BELCOURT PROJECT

1978 Drill core analysis flow diagram

samples with >40% recovery

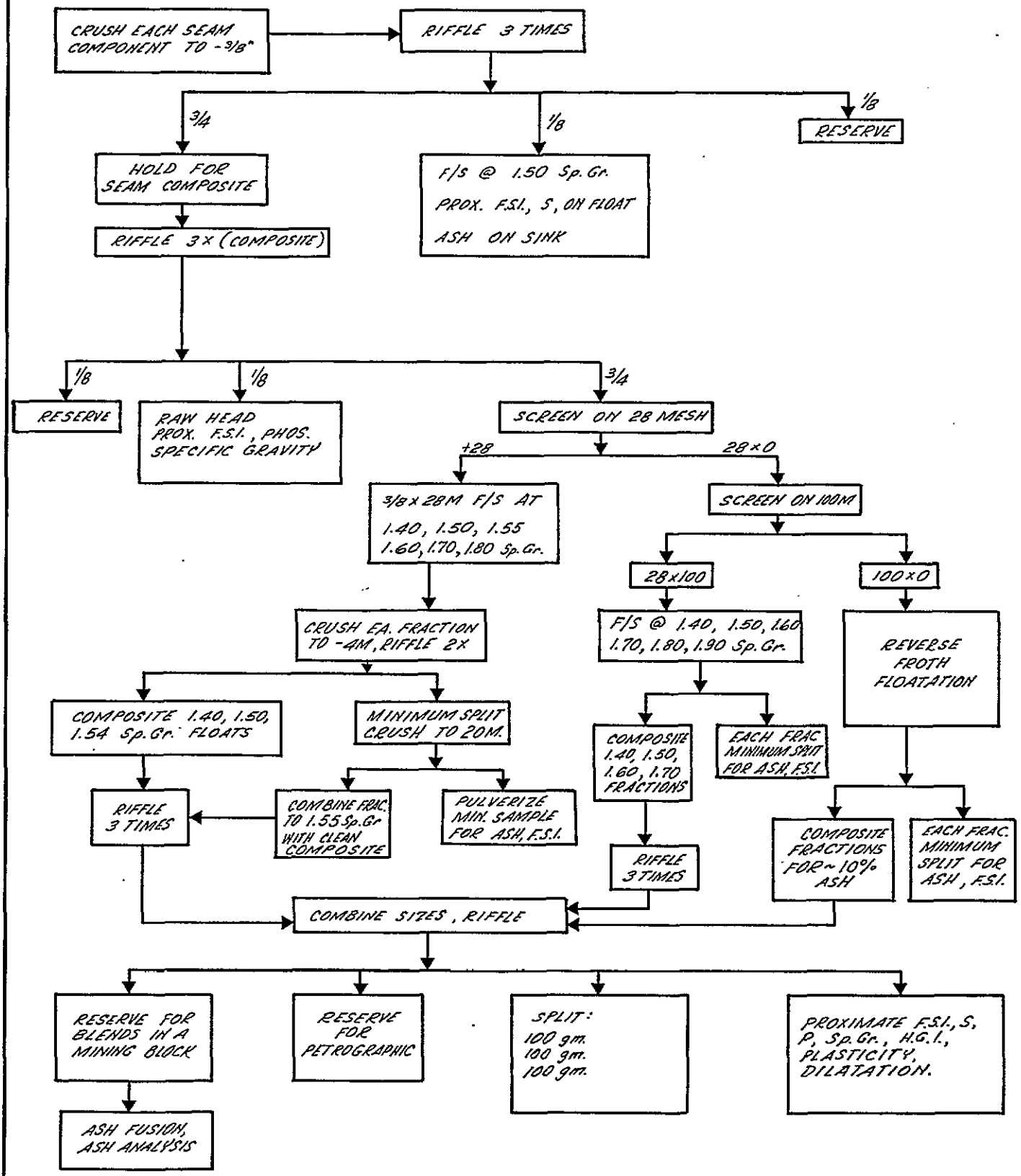


figure 4·2·1

BELCOURT PROJECT

1978 Drill core analysis flow diagram

Samples with < 40% recovery

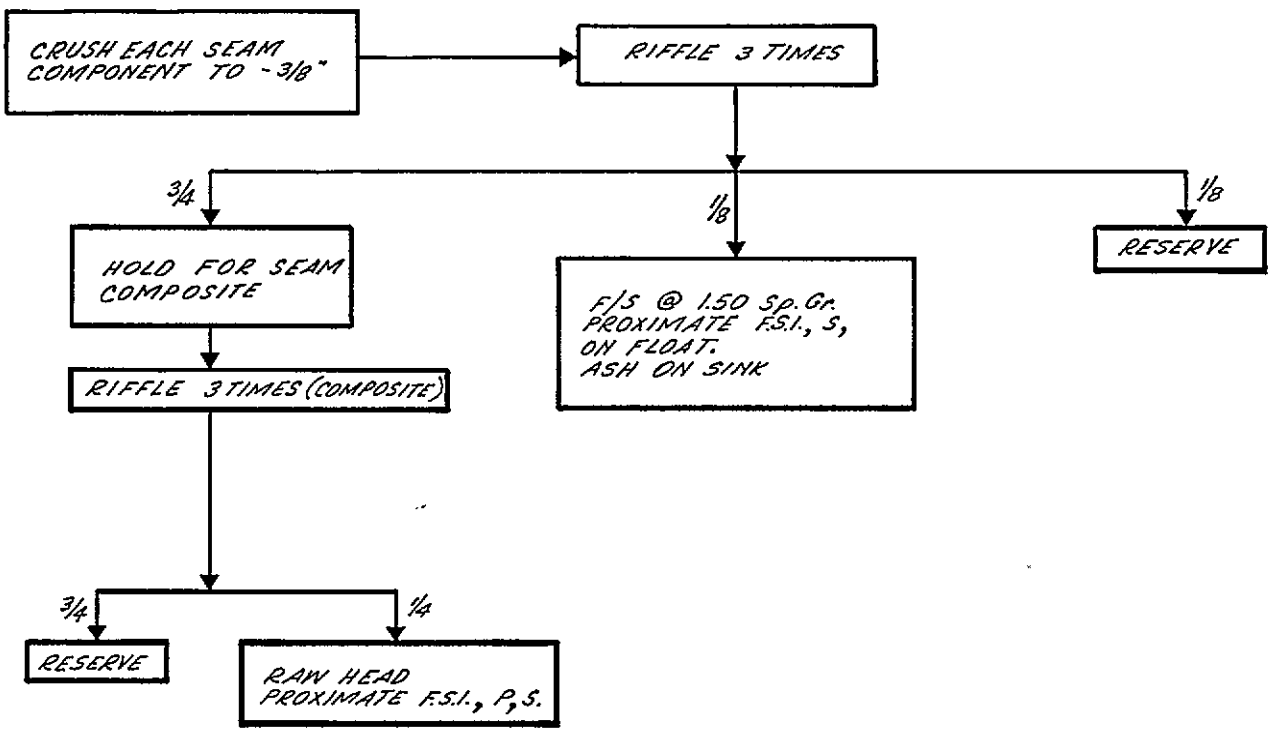


figure 4·2·2

The preliminary 1.5 Float/Sink data was studied in conjuction with the seam correlations and mining sections. Individual samples were then composited to conform with the mining section.(see Table 3.1.2.1). Complete washability tests were performed on the composites according to the flow diagram (Figure 4.2.1). Generally, samples with less than 40 percent core recovery were analyzed following Figure 4.2.2.

At this preliminary stage of exploration it was assumed that it would be reasonable to achieve a product ash of 7.5 percent. A detailed analysis of the washability data was done on ten samples to determine the clean coal cut points needed to achieve the required ash. The results indicated the following:

Size	Specific Gravity
3/4 x 28 mesh	1.55
28 x 0 mesh	1.70
100 x 0 mesh	= 10% ash (approx.)

For the froth flotation circuit (100 x 0 mesh), the time of flotation was varied to maintain a 10 percent ash level or less. The simulated product was obtained by combining the clean coal samples from these 3 size fractions.

The analytical data for each sample from the laboratory was entered onto drill core input data sheets along with the drill hole information and seam details. This information was input to the computer to calculate cumulative weights and cumulative ash for each size fraction and produce the drill hole data report included in Appendix III. A summary of the simulated product coal quality is presented in Table 4.2.1, while a similar summary of fluidity

TABLE 4.2.1

1978 DRILL CORE ACTUAL ANALYSIS OF
SIMULATED PRODUCT AT FIXED CUT POINTS

CUT POINTS : 3/8 X 28 -S.G. 1.55
28 X 100 -S.G. 1.70
100 X 0 -VARIABLE

DRILL HOLE	SEAM	PROXIMATE ANALYSIS (AIR DRY BASIS) MOISTURE	ASH	VOLATILE	FIXED CARBON	SULPHUR	PHOS.	F.S.I.	YIELD	CORE REC
BD7801	1	.68	7.76	25.17	66.39	.26	.029	7.0	89.32	58.90
BD7802	1	.68	6.50	26.27	66.55	.20	.028	7.5	84.34	90.10
BD7806	1	.54	7.76	19.48	72.22	.34	.041	4.0	94.37	55.60
BD7807	1	.73	7.09	25.06	67.12	.23	.018	7.0	84.34	93.10
BD7808	1	.96	6.97	22.30	69.77	.34	.029	2.5	78.98	62.90
BD7809	1	.76	7.41	18.56	73.27	.33	.033	3.5	88.56	40.00
BD7810	1	.99	6.59	24.00	68.43	.26	.019	6.5	90.40	72.00
BD7812	1	1.31	7.93	28.75	62.01	.24	.031	6.5	69.67	56.60
BD7814	1	.75	8.07	24.04	67.14	.39	.057	6.0	75.57	67.20
BD7816	1	.67	8.95	23.81	66.57	.42	.019	7.0	88.04	100.00
BD7816	1	.75	6.46	24.52	68.27	.31	.043	7.5	85.20	72.00
BD7802	2	.64	7.07	26.36	65.93	.24	.039	6.5	86.12	90.40
BD7806	2	.57	7.68	18.53	73.22	.50	.030	4.5	76.16	60.00
BD7807	2	.65	4.11	24.59	70.65	.33	.042	7.0	96.53	69.30
BD7809	2	.58	8.50	17.34	73.58	.51	.008	4.0	87.23	59.60
BD7810	2	1.47	5.09	23.43	70.01	.38	.016	6.5	98.06	96.00
BD7812	2	.82	5.54	26.80	66.84	.31	.090	5.5	95.15	78.00
BD7814	2	.95	8.01	23.98	67.06	.49	.026	8.0	62.32	84.30
BD7802	3	.79	6.98	26.74	65.49	.26	.027	7.0	77.98	85.40
BD7806	3	.52	9.06	17.89	72.53	.41	.021	3.5	74.98	58.80
BD7810	3	1.19	6.57	25.43	66.81	.29	.054	6.0	91.00	59.10
BD7806	4	.59	6.59	18.52	74.31	.76	.011	5.5	93.43	100.00
BD7801	5	.67	8.34	24.61	66.38	.33	.012	6.5	79.62	53.30
BD7806	5	.52	7.01	20.95	71.52	.38	.030	7.0	92.23	76.00
BD7809	5	.59	6.36	18.89	74.16	.43	.043	4.5	87.27	55.50
BD7814	5	.77	7.46	25.39	66.38	.35	.030	7.5	77.80	74.60
BD7816	5	.84	8.87	24.70	65.59	.31	.020	6.0	69.99	74.90
BD7801	6	1.05	7.75	25.76	65.44	.42	.035	7.0	70.52	85.40
BD7802	6	.62	6.91	25.37	67.10	.56	.030	7.5	66.24	100.00
BD7803	6	.69	6.57	27.22	65.52	.90	.029	7.5	76.08	64.30
BD7802	6	.56	7.37	27.26	64.81	.55	.017	7.5	65.28	81.90
BD7802	6	.77	5.75	24.89	68.59	.45	.129	5.5	91.20	86.90
BD7805	6	.88	9.85	23.92	65.35	.34	.087	4.5	80.80	64.00
BD7806	6	.54	4.74	18.94	75.78	.60	.047	4.0	90.78	45.90
BD7806	6	.45	4.36	21.08	74.11	.67	.034	8.5	94.47	69.30
BD7806	6	.61	4.66	21.55	73.18	.54	.065	8.0	92.19	100.00
BD7808	6	.58	5.74	21.88	71.80	.52	.090	8.0	67.83	27.10
BD7812	6	.85	11.10	26.24	61.81	.37	.085	5.5	48.36	69.70
BD7812	6	1.16	5.37	27.39	66.08	.63	.077	6.5	93.80	92.60
BD7814	6	1.54	6.22	25.29	66.95	.41	.163	7.5	80.84	58.30
BD7814	6	.89	8.57	25.20	65.34	.46	.050	7.0	62.34	47.90
BD7816	6	.74	7.53	24.89	66.84	.29	.046	5.0	36.90	68.80
BD7802	7	.81	6.52	28.19	64.48	.74	.064	7.5	77.91	91.10
BD7808	7	.96	8.20	21.31	69.63	.69	.153	6.0	87.88	74.20
BD7801	8	.63	5.92	25.45	68.00	.40	.095	5.0	94.67	100.00
BD7801	8	1.07	6.57	26.20	66.16	.31	.102	6.0	86.49	82.40
BD7802	8	.55	6.30	29.08	64.07	.59	.050	7.5	45.10	77.90
BD7808	8	.63	7.78	22.90	68.69	.47	.051	6.0	74.75	93.00
BD7814	8	1.39	6.95	27.82	63.84	.47	.040	5.5	60.67	76.20
BD7816	8	.73	7.97	23.77	67.53	.36	.045	3.5	81.88	57.30
BD7810	-KGT	.71	7.51	22.29	69.49	.33	.002	6.0	82.13	100.00
BD7815	-KGT	.75	8.54	19.11	71.60	.43	.015	5.0	77.57	78.30
BD7815	-KGT	.65	9.26	19.57	70.52	.38	.008	4.0	59.37	75.60

and dilatation results is found in Appendix III. Mineral analyses of ash on 29 clean coal samples were also completed and are found in Appendix III.

4.3 REGIONAL COAL QUALITY

4.3.1 GATES MEMBER COAL QUALITY

The Belcourt property can be divided into two relatively distinct areas on the basis of the ASTM system of rank classification. Laboratory analyses for the area south of Ptarmigan Creek indicate a low volatile bituminous (lvb) coal while a medium volatile bituminous (mvb) coal is characteristic of the area north of Ptarmigan Creek. The weighted average coal quality values for both the medium and low volatile coals and the entire property are shown in Table 4.3.1.1. These coal quality values were weighted according to laboratory yield, core recovery and sampled thickness to arrive at values which represent as accurately as possible the actual average of the sampled and analysed Belcourt coal. Gates Member dilatation and fluidity results were also weighted by seam and are presented in Table 4.3.1.2.

4.3.2 GETHING FORMATION COAL QUALITY

During the 1978 field programme three drill holes were completed in the Gething Formation to obtain samples and thicknesses for quality and reserve determinations. Due to the poor recovery of some Gething seams, only 3 composites were analysed. These are found in Appendix III. A summary of the Gething analyses is found in Table 4.2.1 along with the Gates Member analyses. The weighted average

TABLE 4.3.1.1

WEIGHTED AVERAGE QUALITY VALUES FOR BELCOURT COAL*

Gates Member Seams	Proximate Analysis (Air Dry Basis)							
M.V.B.	Moisture	Ash	Volatile / DMMF Vol.**	Fixed Carbon	Sulphur	Phosphorous	F.S.I.	Yield
1	0.83	7.10	24.99/26.61	67.09	0.27	0.027	6-7	83.13
2	0.99	5.85	25.14/26.53	68.02	0.33	0.043	6-7	91.39
3	0.92	6.85	26.31/28.03	65.92	0.27	0.036	6-7	82.26
5	0.77	8.24	24.92/26.78	66.06	0.33	0.022	6-7	75.12
6	0.94	7.53	25.62/27.39	65.91	0.46	0.070	6-7	71.56
7	0.83	7.17	25.52/27.09	66.48	0.72	0.098	6-7	81.77
8	0.93	6.99	26.03/27.71	66.05	0.43	0.061	5-6	72.58
M.V.B averages	0.87	7.11	25.29/26.94	66.73	0.34	0.040	6-7	80.60
L.V.B.								
1	0.61	7.64	19.17/20.27	72.57	0.34	0.038	3-4	92.41
2	0.61	8.08	17.94/18.88	73.40	0.50	0.019	4-5	81.62
3	0.52	9.06	17.89/19.00	72.53	0.41	0.021	3-4	74.98
4	0.58	6.59	18.52/19.25	74.31	0.76	0.011	5-6	93.43
5	0.55	6.70	19.96/20.94	72.79	0.40	0.036	5-6	89.84
6	0.53	4.53	20.96/21.60	73.98	0.61	0.056	7-8	93.04
L.V.B. averages	0.56	7.075	19.35/20.32	73.01	0.445	0.034	5-6	87.93
Gates Member Average for Property	0.81	7.10	24.18/25.70	67.91	0.36	0.039	6.2	81.97
Gething Formation Composite	.70	8.36	20.48 / 21.83	70.46	.38	.008	5.1	73.91

*Weighted according to yield, thickness and recovery.

**DMMF values calculated from the weighted average, moisture, ash, fixed carbon and sulphur.

values are found in Table 4.3.2.1. Again, these values were weighted on the basis of yield, core recovery and thickness. Ash values for Gething coal appear somewhat lower with correspondingly lower yields than for Gates coal on the Belcourt property.

4.3.3 TRENDS AND VARIATION IN COAL QUALITY

The weighted averages for the previously presented Tables 4.3.1.1 do not show much seam to seam variation in both the low and medium volatile areas. Sulphur values vary only slightly from the average of 0.36. Seam 4 (lvb) and 7 (mvb) are significantly above the average in sulphur values (see Appendix III). The extent of sample variation in the important parameters of ash and volatiles is illustrated in the histograms of Figure 4.3.3.1.

The trend which is most obvious when viewing the individual analyses (Table 4.2.1) is that of decreasing volatiles from the northwest to southeast. This remarkably consistent trend is most evident in the more numerous seam 1 samples. There appears to be a substantial jump in volatiles between holes 7809 and 7808. However, these holes are separated by a rather large geographical distance. Also worthy of mention are the higher laboratory yields associated with the low volatile coals in the southeast.

4.4 COAL QUALITY OF PROPOSED OPEN PIT AREAS

The weighted average coal quality values for each of the four

TABLE 4.3.2.1

WEIGHTED AVERAGE GETHING COAL QUALITY*

Moisture	0.70
Ash	8.36
Volatile	20.48
Volatile (D.M.M.F.)[1]	21.83
Fixed Carbon	70.46
Sulphur	0.38
Phosphorous	.008
F.S.I.	5 - 6
Yield	73.91

* Weighted on the basis of Lab Yield, Core Recovery, and thickness.

[1] Calculated from the weighted average moisture, ash, fixed carbon, sulphur.

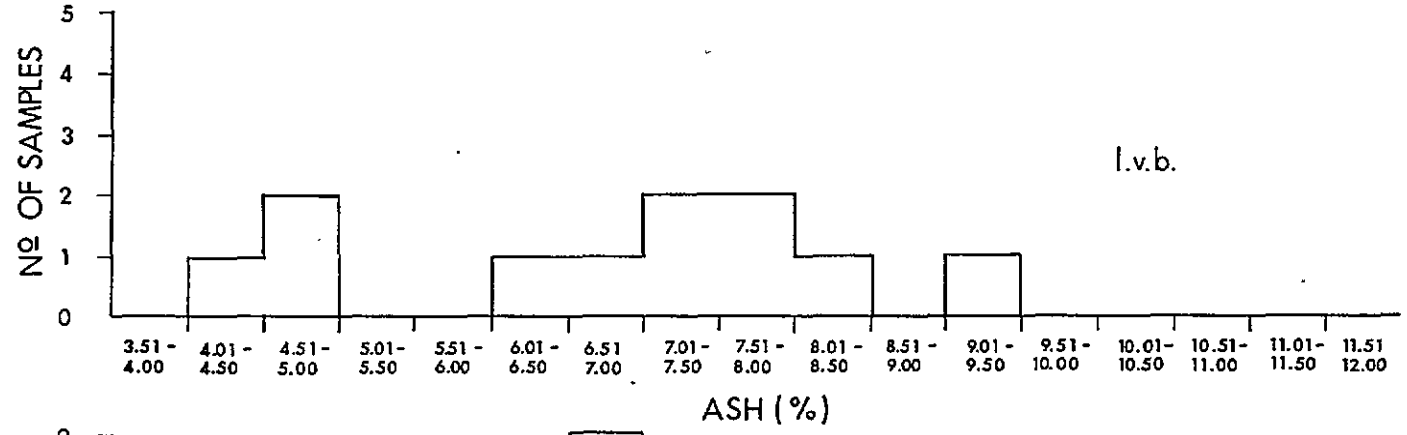
TABLE 4.3.1.2

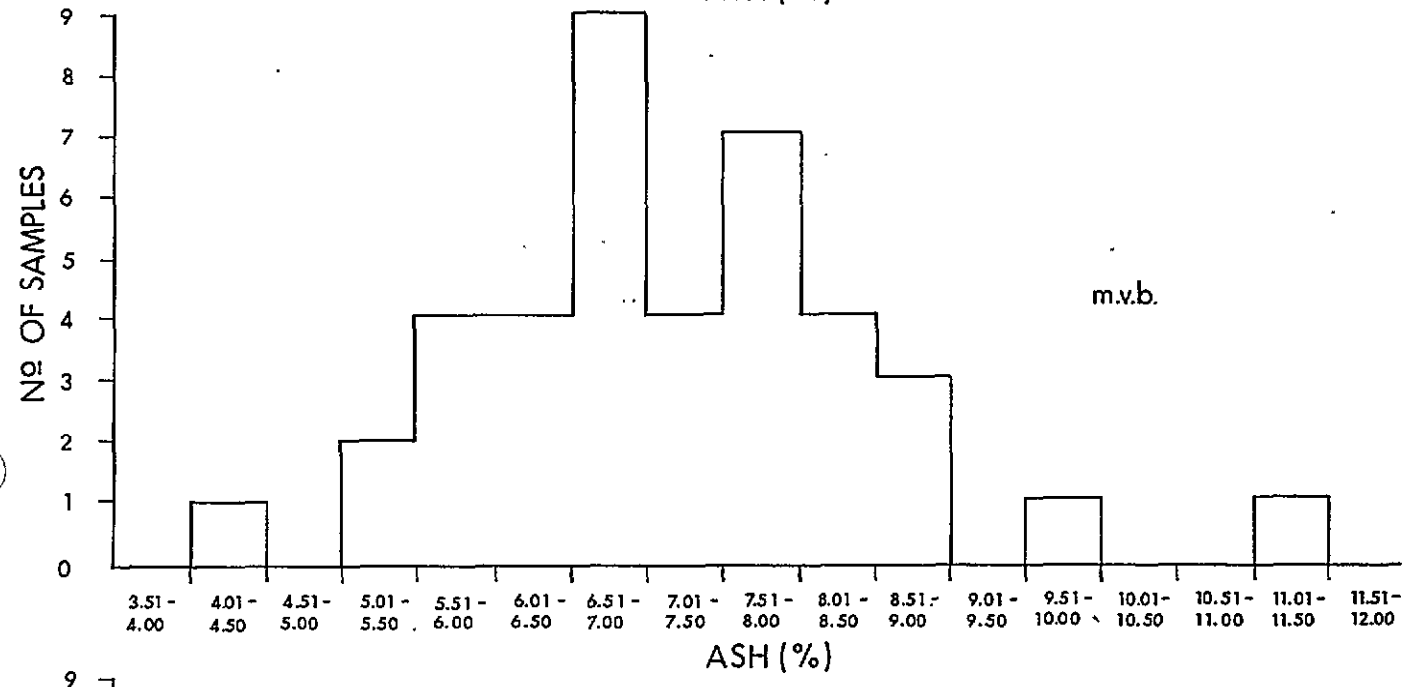
WEIGHTED AVERAGE FLUIDITY AND DILATATION*

	FLUIDITY		DILATATION		
SEAM	MAX. FLUID DDPM	MAX. FLUID (Log)	MAX. CONT.	MAX. DIL.	G. FACTOR
1	31.9	1.1	21.8	4.0	0.630
2	11.5	0.8	24.8	4.3	0.442
3	16.3	0.7	22.1	9.2	0.477
5	18.8	1.0	25.2	5.0	0.505
6	16.7	1.0	26.8	6.5	0.748
7	69.5	1.2	25.9	31.9	0.631
8	23.4	1.0	23.7	9.7	0.608
Gates Averages	23.8	1.0	23.7	5.8	0.585

* Averages weighted according to field, core recovery and thickness.

FREQUENCY DISTRIBUTION OF ASH AND D.M.M.F. VOLATILES





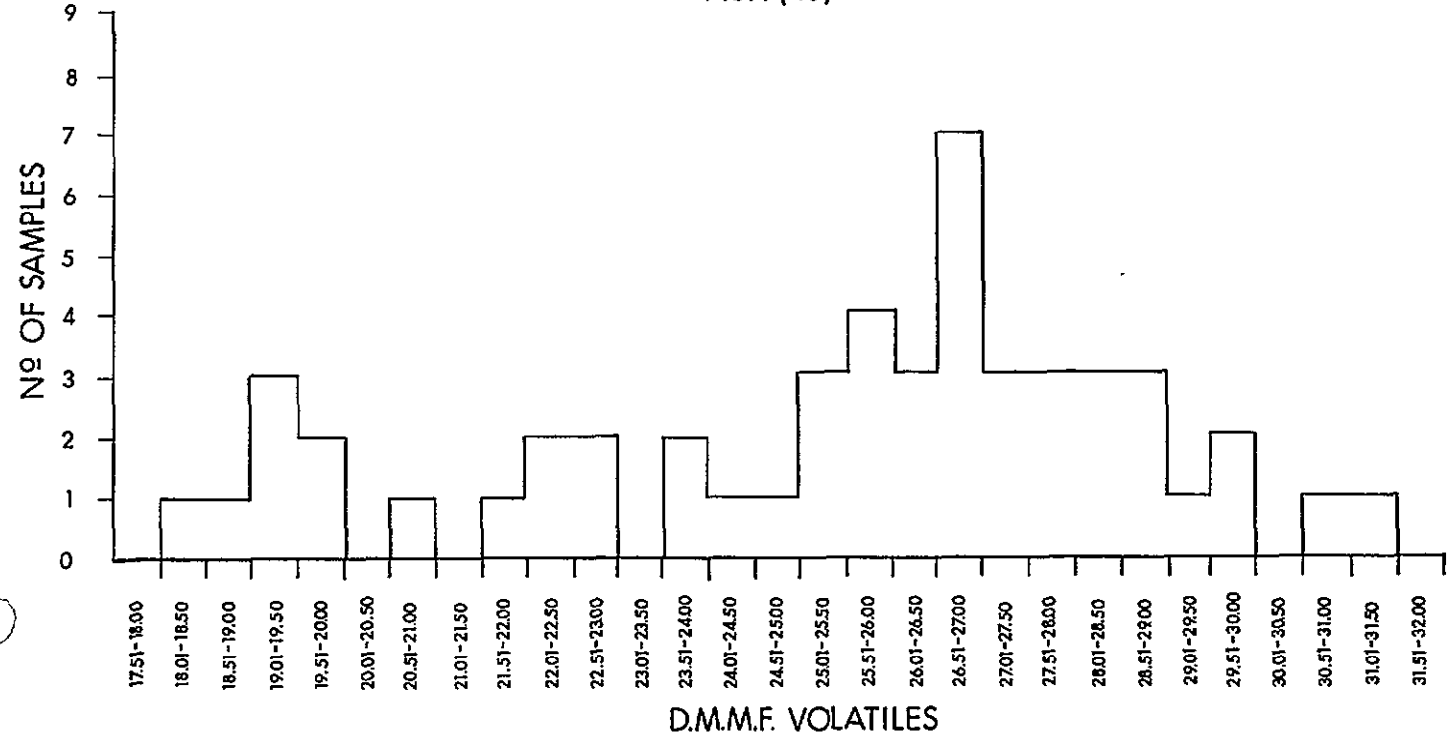


FIG 4.3.3.1

potential pits are presented in Table 4.4.1. The data used to calculate these averages is found in Appendix III. It should be noted that the weighting factor used was the seam total clean coal (tonnes) from the reserve calculations. The reserve calculations for three of the four pits involved drill hole information from only one hole, hence the weighted average and quality data for all but the Red Deer Pit is a weighting of the quality data from one hole. As Table 4.4.1 shows, the quality is relatively consistent for all the values except volatiles and F.S.I. As previously discussed, volatiles tend to be high in the Red Deer area and much lower in the Ptarmigan and Omega Pits. The F.S.I. values follow the same trend.

4.5 COKING DATA

In order to investigate the coking characteristics of Belcourt coal, ten (10) samples were selected for bench-scale evaluation in the 30 pound test oven of CANMET Energy Research Laboratories. Due to the small amount of clean coal available from any one sample, most of these samples are seam composites from several drill holes. A detailed list of the composite samples sent to CANMET is included in Appendix III. These samples will be blended with U.S. reference coals to determine how the Belcourt coals behave with ranging proportions of a known coking coal. This work is underway at the present time.

4.6 PETROGRAPHIC DATA

Drill core samples were selected for petrographic studies to further assess the coking properties of Belcourt coal. The petrographic studies include reflectance measurements and maceral analysis. A total of 29 samples (listed in Appendix III)

Table 4.4.1

POTENTIAL PIT AREA COAL QUALITY*

	MOISTURE	ASH	Volatile / DMMF Vol**	FIXED CARBON	SULPHUR	PHOSHPHOROUS	F.S.I
RED DEER	.71	6.67	26.51 / 28.13	66.11	.31	.038	7-8
HOLTSLANDER NORTH							
CASE A	.78	7.92	24.53 / 26.27	66.77	.32	.031	6-7
CASE B	.78	7.92	24.52 / 26.26	66.78	.32	.031	6-7
PTARMIGAN	.63	6.88	18.61 / 19.50	73.89	.42	.036	4-5
OMEGA							
CASE A	.53	7.66	19.36 / 20.41	72.45	.42	.031	4-5
CASE B	.53	7.38	19.52 / 20.54	72.57	.44	.032	5-6

* Averages weighted according to reserve calculation clean coal tonnes.

** DMMF values calculated from the weighted average, moisture, ash, fixed carbon and sulphur.

were selected for this study and sent to CANMET's Energy Research Laboratories in Ottawa where the study is currently underway. (29 samples)

Ten duplicate samples (listed in Appendix III) were sent to Cascade Coal Petrography Limited, Calgary. A detailed report of this study is presented in Appendix III. The results indicate that samples from both low volatile and medium volatile areas provide good coking coals. The predicted coke stabilities range from 50-62 (approximately JIS91-JIS93). As can be expected the low volatile coals have a higher high mean reflectance. The average mean maximum reflectance ($\bar{x}$) for the lvb coals is 1.60 compared with 1.18 for the mvb coals, while the average reactive percent for the lvb coals is very similar to that of the mvb (70.28 to 70.00 respectively). Data from these ten samples suggest that a blend of the coals could produce a very marketable coking coal product.

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APPENDIX 1.1

LISTING OF BELCOURT

COAL LICENCES

APPENDIX 1.1
LEGAL DESCRIPTION OF THE
BELCOURT COAL LICENCES

Licence No.	Date Issued	Series	Block	Units	Acreage (More or Less)
2822	Oct. 16/74	93-I-8	I	19	186
2823	Oct. 16/74	93-I-8	I	30, 40	372
2824	Oct. 16/74	93-I-8	J	21, 31, 32	558
2825	Oct. 16/74	93-I-8	J	41, 42, 52	558
2826	Oct. 16/74	93-I-8	J	43, 53, 54	558
2827	Oct. 16/74	93-I-8	J	64	186
2828	Oct. 16/74	93-I-8	J	65, 66, 75, 76	744
2829	Oct. 16/74	93-I-8	J	77	186
2830	Oct. 16/74	93-I-8	J	87, 88, 97, 98	743
2831	Oct. 16/74	93-I-8	J	99, 100	372
2832	Oct. 16/74	93-I-9	B	9, 10, 20	557
2833	Oct. 16/74	93-I-9	C	1, 11, 12	557
2834	Oct. 16/74	93-I-9	C	13, 14	372
2835	Oct. 16/74	93-I-9	C	15, 16	372
2836	Oct. 16/74	93-I-9	C	23, 24	372
2837	Oct. 16/74	93-I-9	C	25, 26, 35, 36	743
2838	Oct. 16/74	93-I-9	C	27, 37, 38	557
2839	Oct. 16/74	93-I-9	C	39	186
2840	Oct. 16/74	93-I-9	C	47, 48	371
2841	Oct. 16/74	93-I-9	C	49, 50, 59, 60	742

Licence No.	Date Issued	Series	Block	Units	Acreage (More or Less)
2842	Oct. 16/74	93-I-9	C	70	186
2843	Oct. 16/74	93-I-9	D	51	186
2844	Oct. 16/74	93-I-9	D	61, 71, 72	557
2845	Oct. 16/74	93-I-9	E	14	186
2846	Oct. 16/74	93-I-9	E	24	186
2847	Oct. 16/74	93-I-9	E	25, 26	371
2848	Oct. 16/74	93-I-9	E	27, 28, 37, 38	741
2849	Oct. 16/74	93-I-9	E	29, 30, 39, 40	741
2850	Oct. 16/74	93-I-9	E	49, 50, 60	556
3713	Apr. 10/78	93-I-8	G	81, 82, 91, 92	745
3714	Apr. 10/78	93-I-8	H	21, 22, 31, 32	746
3715	Apr. 10/78	93-I-8	H	41, 42, 51, 52	745
3716	Apr. 10/78	93-I-8	H	43, 44, 53, 54	745
3717	Apr. 10/78	93-I-8	H	45, 46, 55, 56	745
3718	Apr. 10/78	93-I-8	H	61, 62, 71, 72	745
3719	Apr. 10/78	93-I-8	H	63, 64, 73, 74	745
3720	Apr. 10/78	93-I-8	H	65, 66, 75, 76	745
3721	Apr. 10/78	93-I-8	H	67, 68, 77, 78	745
3722	Apr. 10/78	93-I-8	H	83, 84, 93, 94	745
3723	Apr. 10/78	93-I-8	H	85, 86, 95, 96	745
3724	Apr. 10/78	93-I-8	H	87, 88, 97, 98	745
3725	Apr. 10/78	93-I-8	H	89, 90, 99, 100	745
3726	Apr. 10.78	93-I-8	I	3, 4, 13, 14	744
3727	Apr. 10/78	93-I-8	I	5, 6, 15, 16	744

Licence No.	Date Issued	Series	Block	Units	Acreage (More or Less)
3728	Apr. 10/78	93-I-8	I	7, 8, 17, 18	744
3729	Apr. 10/78	93-I-8	I	9, 10, 20	558
3730	Apr. 10/78	93-I-8	I	26, 26, 35, 36	744
3731	Apr. 10/78	93-I-8	I	27, 28, 37, 38	744
3732	Apr. 10/78	93-I-8	I	29, 39	372
3733	Apr. 10/78	93-I-8	I	47, 48, 57, 58	744
3734	Apr. 10/78	93-I-8	I	49, 50, 59, 60	744
3735	Apr. 10/78	93-I-8	I	69, 70, 79, 80	744
3736	Apr. 10/78	93-I-8	J	1, 2, 11, 12	744
3737	Apr. 10/78	93-I-8	J	3, 4, 13, 14	744
3738	Apr. 10/78	93-I-8	J	22	186
3739	Apr. 10/78	93-I-8	J	23, 24, 33, 34	744
3740	Apr. 10/78	93-I-8	J	25, 26, 35, 36	744
3741	Apr. 10/78	93-I-8	J	44	186
3742	Apr. 10/78	93-I-8	J	45, 46, 55, 56	744
3743	Apr. 10/78	93-I-8	J	47, 48, 57, 58	744
3744	Apr. 10/78	93-I-8	J	49, 50, 59, 60	744
3745	Apr. 10/78	93-I-8	J	67, 68, 78	558
3746	Apr. 10/78	93-I-8	J	69, 70, 80	744
3747	Apr. 10/78	93-I-8	J	81, 82, 91, 92	743
3748	Apr. 10/78	93-I-8	J	83, 84, 93, 94	743
3749	Apr. 10/78	93-I-8	J	85, 86, 95, 96	743
3750	Apr. 10/78	93-I-8	J	89, 90	372
3751	Apr. 10/78	93-I-8	J	61, 62, 71, 72	744

Licence No.	Date Issued	Series	Block	Units	Acreage (More or Less)
3752	Apr. 10/78	93-I-8	J	63, 73, 74	558
3753	Apr. 10/78	93-I-8	J	51	186
3754	Apr. 10/78	93-I-8	K	61, 62, 71, 72	744
3755	Apr. 10/78	93-I-8	K	63, 64, 73, 74	744
3756	Apr. 10/78	93-I-8	K	65, 66, 75, 76	744
3757	Apr. 10/78	93-I-8	K	81, 82, 91, 92	743
3758	Apr. 10/78	93-I-8	K	83, 84, 93, 94	743
3759	Apr. 10/78	93-I-8	K	85, 86, 95, 96	743
3760	Apr. 10/78	93-I-8	K	87, 88, 97, 98	743
3761	Apr. 10/78	93-I-8	K	89, 90, 99, 100	743
3762	Apr. 10/78	93-I-8	L	81, 82, 91, 92	743
3763	Apr. 10/78	93-I-8	L	83, 84, 93, 94	743
3764	Apr. 10/78	93-I-9	B	3, 4, 13, 14	743
3765	Apr. 10/78	93-I-9	B	5, 6, 15, 16	743
3766	Apr. 10/78	93-I-9	B	7, 8, 17, 18	743
3767	Apr. 10/78	93-I-9	B	19	186
3768	Apr. 10/78	93-I-9	B	23, 24, 33, 34	743
3769	Apr. 10/78	93-I-9	B	25, 26, 35, 36	743
3770	Apr. 10/78	93-I-9	B	27, 28, 37, 38	743
3771	Apr. 10/78	93-I-9	B	29, 30, 39, 40	743
3772	Apr. 10/78	93-I-9	B	45, 46, 55, 56	742
3773	Apr. 10/78	93-I-9	B	47, 48, 57, 58	742
3774	Apr. 10/78	93-I-9	B	49, 50, 59, 60	742
3775	Apr. 10/78	93-I-9	B	69, 70, 79, 80	742

Licence No.	Date Issued	Series	Block	Units	Acreage (More or Less)
3776	Apr. 10/78	93-I-9	C	2	186
3777	Apr. 10/78	93-I-9	C	3, 4	372
3778	Apr. 10/78	93-I-9	C	5, 6	372
3779	Apr. 10/78	93-I-9	C	7, 8, 17, 18	743
3780	Apr. 10/78	93-I-9	C	9, 10, 19, 20	743
3781	Apr. 10.78	93-I-9	C	21, 22, 31, 32	743
3782	Apr. 10/78	93-I-9	C	33, 34	372
3783	Apr. 10/78	93-I-9	C	28	186
3784	Apr. 10/78	93-I-9	C	29, 30, 40	557
3785	Apr. 10/78	93-I-9	C	41, 42, 51, 52	742
3786	Apr. 10/78	93-I-9	C	43, 44, 53, 54	742
3787	Apr. 10/78	93-I-9	C	45, 46, 55, 56	742
3788	Apr. 10/78	93-I-9	C	57	371
3789	Apr. 10/78	93-I-9	C	61, 62, 71, 72	742
3790	Apr. 10/78	93-I-9	C	63, 64, 73, 74	742
3791	Apr. 10/78	93-I-9	C	65, 66, 75, 76	742
3792	Apr. 10/78	93-I-9	C	67, 68, 77, 78	742
3793	Apr. 10/78	93-I-9	C	69, 79, 80	557
3794	Apr. 10/78	93-I-9	C	81, 82, 91, 92	742
3795	Apr. 10/78	93-I-9	C	83, 84, 93, 94	742
3796	Apr. 10/78	93-I-9	C	85, 86, 95, 96	742
3797	Apr. 10/78	93-I-9	C	87, 88, 97, 98	742
3798	Apr. 10/78	93-I-9	C	90, 90, 99, 100	742
3799	Apr. 10/78	93-I-9	D	1, 2, 11, 12	743

Licence No.	Date Issued	Series	Block	Units	Acreage (More or Less)
3800	Apr. 10/78	93-I-9	D	3, 4, 13, 14	743
3801	Apr. 10/78	93-I-9	D	5, 6, 15, 16	743
3802	Apr. 10/78	93-I-9	D	21, 22, 31, 32	743
3803	Apr. 10/78	93-I-9	D	23, 24, 33, 34	743
3804	Apr. 10/78	93-I-9	D	25, 26, 35, 36	743
3805	Apr. 10/78	93-I-9	D	27, 28, 37, 38	743
3806	Apr. 10/78	93-I-9	D	29, 30, 39, 40	743
3807	Apr. 10/78	93-I-9	D	41, 42, 51, 52	557
3808	Apr. 10/78	93-I-9	D	43, 44, 53, 54	742
3809	Apr. 10/78	93-I-9	D	45, 46, 55, 56	742
3810	Apr. 10/78	93-I-9	D	47, 48, 57, 58	742
3811	Apr. 10/78	93-I-9	D	49, 50, 59, 60	742
3812	Apr. 10/78	93-I-9	D	62	186
3813	Apr. 10/78	93-I-9	D	63, 63, 73, 73	742
3814	Apr. 10/78	93-I-9	D	67, 68, 77, 78	742
3815	Apr. 10/78	93-I-9	D	69, 70, 79, 80	742
3816	Apr. 10/78	93-I-9	D	81, 82, 91, 92	742
3817	Apr. 10/78	93-I-9	D	83, 84, 93, 94	742
3818	Apr. 10/78	93-I-9	D	85, 86, 95, 96	742
3819	Apr. 10/78	93-I-9	D	87, 88, 97, 98	742
3820	Apr. 10/78	93-I-9	D	89, 90, 99, 100	742
3821	Apr. 10/78	93-I-9	E	1, 2, 11, 12	741
3822	Apr. 10/78	93-I-9	E	3, 4, 13	556
3823	Apr. 10/78	93-I-9	E	5, 6, 15, 16	741

Licence No.	Date Issued	Series	Block	Units	Acreage (More or Less)
3824	Apr. 10/78	93-I-9	E	7, 8, 17, 18	741
3825	Apr. 10/78	93-I-9	E	9, 10, 19, 20	741
3826	Apr. 10/78	93-I-9	E	21, 22, 31, 32	741
3827	Apr. 10/78	93-I-9	E	23, 33, 34	556
3828	Apr. 10/78	93-I-9	E	35, 36	371
3829	Apr. 10/78	93-I-9	E	43, 44, 53, 54	741
3830	Apr. 10/78	93-I-9	E	45, 46, 55, 56	741
3831	Apr. 10/78	93-I-9	E	47, 48, 57, 58	741
3832	Apr. 10/78	93-I-9	E	59	186
3822	Apr. 10/78	93-I-9	E	67, 68, 77, 78	740
3834	Apr. 10/78	93-I-9	E	69, 70, 79, 80	740
3835	Apr. 10/78	93-I-10	G	41, 42, 51, 52	741
3836	Apr. 10/78	93-I-10	G	61, 62, 71, 72	741
3837	Apr. 10/78	93-I-10	H	1, 2, 11, 12	741
3838	Apr. 10/78	93-I-10	H	3, 4, 13, 14	741
3839	Apr. 10/78	93-I-10	H	5, 6, 15, 16	741
3840	Apr. 10/78	93-I-10	H	21, 22, 31, 32	741
3841	Apr. 10/78	93-I-10	H	23, 24, 33, 34	741
3842	Apr. 10/78	93-I-10	H	25, 26, 35, 36	741
3843	Apr. 10/78	93-I-10	H	27, 28, 37, 38	741
3844	Apr. 10/78	93-I-10	H	29, 30, 39, 40	741
3845	Apr. 10/78	93-I-10	H	41, 42, 51, 52	741
3846	Apr. 10/78	93-I-10	H	43, 44, 53, 54	741
3847	Apr. 10/78	93-I-10	H	45, 46, 55, 56	741

Licence No.	Date Issued	Series	Block	Units	Acreage (More or Less)
3848	Apr. 10/78	93-I-10	H	47, 48, 57, 58	741
3849	Apr. 10/78	93-I-10	H	49, 50, 59, 60	741
3850	Apr. 10/78	93-I-10	H	61, 62, 71, 72	740
3851	Apr. 10/78	93-I-10	H	63, 64, 73, 74	740
3852	Apr. 10/78	93-I-10	H	65, 66, 75, 76	740
3853	Apr. 10/78	93-I-10	H	67, 68, 77, 78	740
3854	Apr. 10/78	93-I-10	H	81, 82, 91, 92	740
3855	Apr. 10/78	93-I-10	H	83, 84, 93, 94	740
3856	Apr. 10/78	93-I-10	A	71	186
3857	Apr. 10/78	93-I-10	A	21, 22, 31, 32	743
3858	Apr. 10/78	93-I-10	A	41, 42, 51, 52	742
3859	Apr. 10/78	93-I-10	A	61, 62, 71, 72	742
3860	Apr. 10/78	93-I-10	A	63, 64, 73, 74	742
3861	Apr. 10/78	93-I-10	A	81, 82, 91, 92	742
3862	Apr. 10/78	93-I-10	A	83, 84, 93, 94	742
3863	Apr. 10/78	93-I-10	A	85, 86, 95, 96	742

APPENDIX 1.2

DESCRIPTION OF GROUND CONTROL SURVEY

CARTOGRAPHIC PROCEDURES

and a

LISTING OF BELCOURT SURVEY

CONTROL POINTS

TECHNICAL REPORT OF SURVEY, PHOTOGRAMMETRIC MAPPING AND CARTOGRAPHY CARRIED OUT ON DENISON MINES COAL LEASES (IN 1978).

Prepared for

DENISON MINES LTD.

Prepared by

HARDY ASSOCIATES (1978) LTD.
Calgary Alberta

January 1979

"On October 27, 1978 the name of R.M. Hardy & Associates Ltd. was changed to Hardy Associates (1978) Ltd. No change in ownership or scope of services is involved".

SURVEY, PHOTOGRAMMETRIC MAPPING AND CARTOGRAPHY
CARRIED OUT ON DENISON MINES COAL LEASES.

1. Belcourt 1:25,000 Mapping was produced on the entire Belcourt area, covering Denison Mines coal leases and surrounding land. This was done on six map sheets.

For the production of these maps, we utilized existing photogrammetric mapping which covers the old claim area, as well as, existing 1:25,000 mapping with 25 m interpolated contour intervals. For new areas (leases), we used the existing NTS 1:50,000 mapping and by photo-mechanically enlarging the existing maps and inter-polating the 25 m contour intervals, we were able to produce the final maps. The final maps show the geographic grids (which in turn are the coal leases) and also the sheet layout of the 1:5,000 mapping.

The above maps were produced by scribing method which is the most advanced cartographic technique available to produce this type of presentation.

This mapping could be utilized for over-all regional studies (engineering, geological and environmental

Considering the method used in the production of these maps, they could easily be reduced to 1:50,000 or 1:100,000 scales when required for other types of presentation.

2. Belcourt 1:5,000 Mapping. Approximately 85,000 acres of new lease areas were covered by 1:5,000 photogrammetric mapping with 5m contour intervals in a scribed, final positive form.

For this phase of the project, thirty-six map sheets were produced and ten existing map sheets were completed. To produce the above maps, the existing 1975, 1:25,000 aerial photography had to be used. Additional ground control survey had to be established. For this survey existing government monuments were utilized in conjunction with existing Burnett Resources Survey control network. All the survey control was done using one second theodolites and EDM equipment, Donald E. Watson B.C.L.S. headed the three man survey party. During this phase of the project, he established seventeen new photogrammetric control points and one future drill hole location (as located by the project geologist). All the photo points were either photo identified and tied to a reference iron pin or monument. For his work, he was given helicopter support and radio communication.

For the photogrammetric mapping aerial triangulation was carried out in New Westminster B.C., based on Government and new survey control points and existing Burnett Resourses survey and aerial triangulation data. The new aerial triangulation overlapped the existing mapping, to ensure accuracy. The Schutz program was utilized for aerial triangulation on a first order stereo-plotting instrument. The aerial triangulation results were accepted, since the results were better than those specified by the CAAS. The actual photogrammetric plotting was done under various priorities:

(i) Approximately 14,000 acres were done from existing control data.

(ii) Entire area for planimetric details approximately 27,000 acres of topography.

(iii) a. Approximately 10,000 acres of topography

b. Approximately 34,000 acres of topography

For the above phases a pencilled manuscript was released to the project geologist which ensured that the mapping could be utilized immediately for the on-going field program.

The cartographic phase of the mapping program took place after completion of the pencilled manuscript.

The individual map sheets covering four coal leases and showing UTM grids were prepared by digitization with an automatic drafting instrument. This ensured the consistency and accuracy of the plotting of the base map.

For the final product the scribing method was used as described (#1) to ensure the highest cartographic quality in the above map sheets.

This mapping was essential to record the geological data as found by photo interpretation and finalized by the extensive field program, it is essential for engineering planning and environmental studies.

3. Belcourt Drill-Hole Survey. The entire drilling area was covered at the end of the exploration season and consisted of twenty drill holes.

Once again, the survey was under the direction of Donald E. Watson B.C.L.S. who utilized one second theodolites and EDM equipment. This survey was tied to nearby existing survey control or iron pin monuments. During this survey, reference points, that is iron

pins, were placed for all drill holes. The survey was carried out by a three man survey crew and in some instances Denison personel were also utilized.

4. Saxon Drill-Hole Survey. The methods and personel for this was as outlined in paragraph 3. Nine drill holes were surveyed, however, this project was done several weeks prior to Belcourt, therefore, a separate mobilization and demobilization of the survey crew was necessary.

Please note that all the survey is based on UTM grid and geodetic datum and all control points and drill holes have geographic coordinates as well. This data is available at anytime from Denison Mines Survey inventory.

APPENDIX 1.2

BELCOURT SURVEY CONTROL POINTS

STATION	TAG NO.	DESCRIPTION	ELEVATION	U.T.M. NORTH	U.T.M. EAST
FLUME	2399	Brass Bolt	2120.49	6031308.91	686176.54
FUBAR	2363	Brass Bolt	2036.37	6040262.68	673485.29
PRAIRIE	2369	Pipe Post	1894.03	6051064.79	661925.07
STA 605	605	3/4" Iron Pin	1559.26	6043804.93	677304.97
STA 975	975	Nail in Ground	1745.75	6052745.28	664152.43
STA 982	982	Old ½" Rebar	1683.28	6035803.36	687182.34
STA 983	983	6" Spike in Grd.	1675.02	6035754.24	687171.35
STA 989	989	½" Iron Bar	1731.64	6041839.45	679997.20
STA 997	997	½" Iron Bar	1705.23	6042615.74	679041.23
FLUME SAT	967	½" Iron Pin	2119.54	6031302.24	686212.12
STA 49C	49C	½" Iron Pin	1875.55	6040304.02	680585.22
STA 54C	54C	½" Iron Pin	1975.21	6042168.24	677907.64
STA 55C	55C	½" Iron Pin	1728.42	6053234.49	664786.09
STA 91C	91C	½" Iron Pin	1991.36	6032525.25	688385.02
STA 94C	94C	½" Iron Pin	1466.39	6055930.38	664819.78
STA 95C	95C	Tag in 8" Pine	1461.84	6055933.48	664798.94
STA 97C	97C	½" Iron Pin	1973.62	6042182.94	677907.68
RED	27C	½" Iron Pin	1644.91	6051206.74	666748.99
FUBAR SAT	66C	½" Iron Pin	2033.17	6040349.64	673463.15
BRS HV 13		½" Iron Pin	1762.99	6055565.59	660539.05
BRS 213	4-883	Nail in Ground	1689.00	6037954.81	684564.11
BRS 219	996	3/4" Rebar	2013.16	6041383.35	677254.91
DH 926	92C	At Camp 12" Casing	1418.99	6053091.05	658685.20

APPENDIX 1.3

1978 BELCOURT DRILL HOLE LOCATION SUMMARY

Appendix 1.3

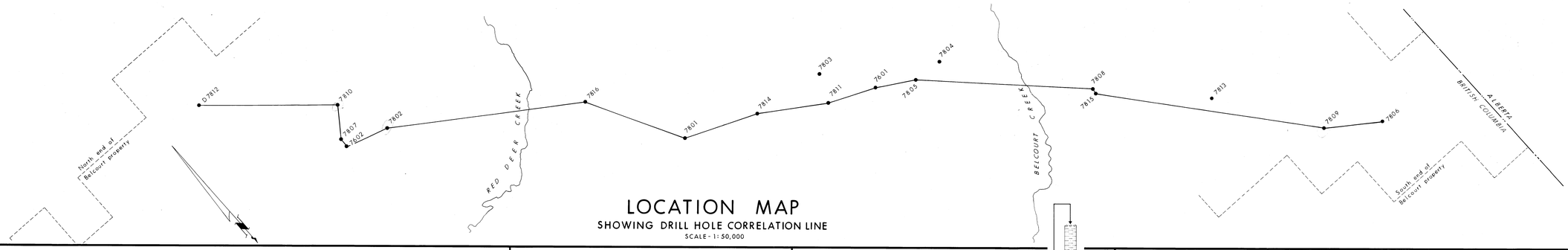
1978 BELCOURT DRILL HOLE LOCATION SUMMARY

DDH #	1:5000 MAP NO.	UTM LAT/DEP	ELEVATION	COLLAR BEARING/ ANGLE	BOTTOM BEARING/ ANGLE	M. TOTAL DEPTH	ANGLE HOLE HORIZ. COMPONENT
BD 7601	E - 16	42867N/78430 E	1610 M	-/90°	-/-	58.5	-
BD 7602	J - 19	53189.18 N 62800.21 E	1779.45 M	- 90°	- -	53.6	-
BD 7801	G - 16	45740.95 N 72238.41 E	1361.09 M	220° 65°	231° 66°	481.43	199.6
BD 7802	J - 18	52754.28 N 64305.74 E	1727.94 M	- 90°	342° 83.4°	504.12	-
BD 7803	F - 16	44476.20 N 77217.09 E	1311.77 M	225° 65°	- -	295.31	124.8
BD 7804	E - 15	42179.22 N 80750.00 E	1389.34 M	210° 65°	- -	117.6	49.7
BD 7805	E - 15	42162.40 N 79652.46 E	1488.02 M	217° 68°	- 68.2°	434.83	162.9
BD 7806	B - 12	30514.60 N 91487.44 E	1706.41 M	230° 71°	- 73.8°	533.70	164.9
BD 7807	J - 19	53459.28 N 62832.99 E	1697.58 M	225° 62.5°	- 73.2°	286.82	132.4
BD 7808	D - 14	37923.06 N 84368.29 E	1635.52 M	030° 63°	- 62.2°	467.85	212.4
BD 7809	B - 12	31650.68 N 89771.14 E	1782.76 M	225° 60°	234° 64°	197.60	92.8
BD 7810	J - 19	54521.46 N 63480.64 E	1459.01 M	210° 60°	219° 52.9°	516.10	258.05
BD 7811	F - 16	43528.24 N 76826.64 E	1410.80 M	195° 60°	198.5° 63°	175.46	83.7
BD 7812	K - 20	57590.33 N 59712.41 E	1322.96 M	215° 55°	- -	401.98	230.56
BD 7813	C - 13	34974.81 N 87384.96 E	1439.94 M	55° 60°	- -	110.64	55.32
BD 7814	G - 16	44766.41 N 74703.88 E	1286.92 M	190° 61.3°	186° 63.9°	365.06	171.3
BD 7815	D - 14	37829.10 N 84342.03 E	1677.84 M	046° 80°	- -	152.65	26.5
BD 7816	H - 17	48968.08 N 70323.14 E	1106.86 M	275° 68.2°	- 71.9	291.40	99.43

APPENDIX 2.1

1) REGIONAL GEOLOGY MAP 1:25,000

2) REGIONAL CORRELATION CHART



LOCATION MAP
SHOWING DRILL HOLE CORRELATION LINE
SCALE - 1: 50,000

RED DEER | HOLTSLANDER NORTH | HOLTSLANDER SOUTH | HUGUENOT | PTARMIGAN | OMEGA

SHAFTESBURY FORMATION KSh

BOULDER CK MBR. KCm(b)

HULCROSS MBR. KCm(h)

No. 8 COAL ZONE

No. 7 COAL ZONE

No. 6 COAL ZONE

No. 5 SEAM

No. 4 SEAM

No. 3 SEAM

No. 2 SEAM

No. 1 SEAM

No. 8 ZONE

No. 7 ZONE

No. 6 ZONE

No. 3 SEAM

No. 2 SEAM

No. 1 SEAM

GATES MEMBER KCm(g)

COMMOTION FORMATION

STRUCTURE INVERTED

top of drill hole

MOOSEBAR FORMATION KMb

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GETHING FORMATION KGt

CADOMIN KCd

NIKANASSIN KNk

LEGEND
1.36/0.96 : THICKNESS OF COAL/ROCK IN METRES

DIAMOND DRILL HOLE: 7812 | 7810 | 7807 | 7602 | 7802 | 7816 | 7801 | 7814 | 7811 | 7601 | 7805 | 7808 | 7815 | 7809 | 7806

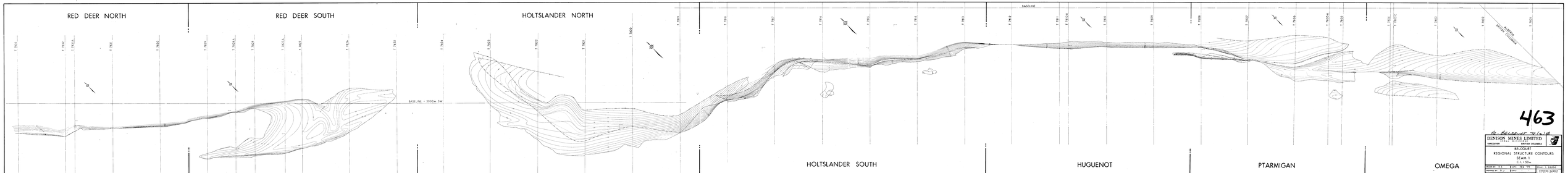
RED DEER | HOLTSLANDER NORTH | HOLTSLANDER SOUTH | HUGUENOT | PTARMIGAN | OMEGA

Re- Belcourt-Saxon

ENISON MINES LIMITED
(COAL DIVISION)
BRITISH COLUMBIA

BELCOURT REGIONAL CORRELATION CHART

DRAWN BY: E. Toth	DATE: Jan. '79	SCALE: 1:1000 vert.	
PREPARED BY: S.P.S./I.D.	DATE: MARCH '79	DRAWING NUMBER: BLCR 79-0823-R02	
APPROVED BY: S.P.S./G.P.G.	DATE: MARCH '79		



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DENISON MINES LIMITED
VANCOUVER, B.C.
BELCOURT
REGIONAL STRUCTURE CONTOURS
SEAM 1
C.I. = 50m

APPENDIX 3.1

POTENTIAL REGIONAL RESERVE: DATA SHEETS

BELCOURT PROPERTY 1978

Section Number 7801

Regional Reserve Calculations:

Drill Hole Influence BD 7806

OMEGA BLOCK

Length of Section Influence 1070

Thickness Cutoff (M)	Raw Coal (x 10^6 tonnes)
0.5	12.95
1	9.52
2	9.52
3	6.16

SEAM	MINING SECTION THICKNESS (M)	LENGTH (M)	SP. G. OF RAW COAL	RAW COAL IN PLACE x 10^6 TONNES
1	4.04	220	1.33	1.26
2	2.36	240	1.33	0.81
3	4.88	260	1.41	1.91
4	0.75	390	1.30	0.41
5	4.65	450	1.33	2.98
6	0.74	900	1.30	0.93
6	2.04	900	1.30	2.55
6	0.73	900	1.30	0.91
6	0.93	900	1.32	1.18

BELCOURT PROPERTY 1978

Regional Reserve Calculations:

OMEGA BLOCK

Section Number 7802

Drill Hole Influence BD 7806

Length of Section Influence 1500

Thickness Cutoff (M)	Raw Coal (x 10^6 tonnes)
0.5	56.14
1	48.38
2	48.38
3	37.04

SEAM	MINING SECTION THICKNESS (M)	LENGTH (M)	SP. G. OF RAW COAL	RAW COAL IN PLACE x 10^6 TONNES
1	4.04	1250	1.33	10.07
2	2.36	1375	1.33	6.47
3	4.88	1400	1.41	14.45
4	0.75	1360	1.30	1.99
5	4.65	1350	1.33	12.52
6	0.74	1225	1.30	1.77
6	2.04	1225	1.30	4.87
6	0.73	1225	1.30	1.74
6	0.93	1225	1.32	2.26

BELCOURT PROPERTY 1978

Section Number 7803

Regional Reserve Calculations:

Drill Hole Influence BD 7806

OMEGA BLOCK

Length of Section Influence 1450

Thickness Cutoff (M)	Raw Coal (x 10^6 tonnes)
0.5	48.92
1	42.94
2	42.94
3	33.41

SEAM	MINING SECTION THICKNESS (M)	LENGTH (M)	SP. G. OF RAW COAL	RAW COAL IN PLACE x 10^6 TONNES
1	4.04	1300	1.33	10.13
2	2.36	1300	1.33	5.92
3	4.88	1255	1.41	12.52
4	0.75	1205	1.30	1.70
5	4.65	1200	1.33	10.76
6	0.74	940	1.30	1.31
6	2.04	940	1.30	3.62
6	0.73	940	1.30	1.29
6	0.93	940	1.32	1.67

BELCOURT PROPERTY 1978

Section Number 7803 C

Regional Reserve Calculations:

Drill Hole Influence BD 7806

OMEGA BLOCK

Length of Section Influence 745

Thickness Cutoff (M)	Raw Coal (x 10^6 tonnes)
0.5	35.99
1	31.94
2	31.94
3	25.03

SEAM	MINING SECTION THICKNESS (M)	LENGTH (M)	SP. G. OF RAW COAL	RAW COAL IN PLACE x 10^6 TONNES
1	4.04	2055	1.33	8.23
2	2.36	1930	1.33	4.51
3	4.88	1830	1.41	9.38
4	0.75	1660	1.30	1.21
5	4.65	1610	1.33	7.42
6	0.74	1215	1.30	0.87
6	2.04.	1215	1.30	2.40
6	0.73	1215	1.30	0.86
6	0.93	1215	1.32	1.11

BELCOURT PROPERTY 1978

Regional Reserve Calculations:

OMEGA BLOCK

Section Number 7804

Drill Hole Influence BD 7806

Length of Section Influence 495

Thickness Cutoff (M)	Raw Coal (x 10^6 tonnes)
0.5	21.67
1	19.39
2	19.39
3	15.30

SEAM	MINING SECTION THICKNESS (M)	LENGTH (M)	SP. G. OF RAW COAL	RAW COAL IN PLACE x 10^6 TONNES
1	4.04	1950	1.33	5.19
2	2.36	1790	1.33	2.78
3	4.88	1675	1.41	5.71
4	0.75	1500	1.30	0.72
5	4.65	1440	1.33	4.41
6	0.74	1000	1.30	0.48
6	2.04	1000	1.30	1.31
6	0.73	1000	1.30	0.47
6	0.93	1000	1.32	0.61

BELCOURT PROPERTY 1978

Section Number 7805

Regional Reserve Calculations:

Drill Hole Influence BD 7809

PTARMIGAN BLOCK

Length of Section Influence 560

Thickness Cutoff (M)	Raw Coal (x 10^6 tonnes)
0.5	16.41
1	15.48
2	15.48
3	9.43

SEAM	MINING SECTION THICKNESS (M)	LENGTH (M)	SP. G. OF RAW COAL	RAW COAL IN PLACE x 10^6 TONNES
1	3.04	1705	1.30	3.77
2	2.02	1570	1.36	2.42
3	2.93	1495	1.48	3.63
4	0.86	1300	1.30	0.81
5	6.76	1115	1.34	5.66
6	0.61	105	1.30	0.05
6	0.91	105	1.30	0.07

BELCOURT PROPERTY 1978

Section Number 7805 A

Regional Reserve Calculations:

Drill Hole Influence BD 7809

PTARMIGAN BLOCK

Length of Section Influence 755

Thickness Cutoff (M)	Raw Coal (x 10^6 tonnes)
0.5	30.14
1	26.35
2	26.35
3	16.93

SEAM	MINING SECTION THICKNESS (M)	LENGTH (M)	SP. G. OF RAW COAL	RAW COAL IN PLACE x 10^6 TONNES
1	3.04	1730	1.30	5.16
2	2.02	1765	1.36	3.66
3	2.93	1760	1.48	5.76
4	0.86	1750	1.30	1.48
5	6.76	1720	1.34	11.76
6	0.61	1550	1.30	0.93
6	0.91	1550	1.30	1.38

BELCOURT PROPERTY 1978

Section Number 7806

Regional Reserve Calculations:

Drill Hole Influence BD 7809

PTARMIGAN BLOCK

Length of Section Influence 1285

Thickness Cutoff (M)	Raw Coal (x 10^6 tonnes)
0.5	51.10
1	44.31
2	44.31
3	28.71

SEAM	MINING SECTION THICKNESS (M)	LENGTH (M)	SP. G. OF RAW COAL	RAW COAL IN PLACE x 10^6 TONNES
1	3.04	1700	1.30	8.63
2	2.02	1710	1.36	6.04
3	2.93	1715	1.48	9.56
4	0.86	1715	1.30	2.46
5	6.76	1725	1.34	20.08
6	0.61	1705	1.30	1.74
6	0.91	1705	1.30	2.59

BELCOURT PROPERTY 1978

Section Number 7807

Regional Reserve Calculations:

Drill Hole Influence BD 7809

PTARMIGAN BLOCK

Length of Section Influence 1500

Thickness Cutoff (M)	Raw Coal (x 10^6 tonnes)
0.5	23.88
1	19.80
2	19.80
3	12.74

SEAM	MINING SECTION THICKNESS (M)	LENGTH (M)	SP. G. OF RAW COAL	RAW COAL IN PLACE x 10^6 TONNES
1	3.04	660	1.30	3.91
2	2.02	640	1.36	2.64
3	2.93	680	1.48	4.42
4	0.86	655	1.30	1.10
5	6.76	650	1.34	8.83
6	0.61	1005	1.30	1.20
6	0.91	1005	1.30	1.78

BELCOURT PROPERTY 1978

Regional Reserve Calculations:

PTARMIGAN BLOCK

Section Number 7808 S.W. of Huguenot Thrust

Drill Hole Influence BD 7808

Length of Section Influence 1050

Thickness Cutoff (M)	Raw Coal (x 10^6 tonnes)
0.5	10.33
1	9.35
2	6.73
3	6.73

SEAM	MINING SECTION THICKNESS (M)	LENGTH (M)	SP. G. OF RAW COAL	RAW COAL IN PLACE x 10^6 TONNES
1	8.27	550	1.41	6.73
5	0.57	540	1.31	0.42
6	1.99	480	1.44	1.44
6	0.85	480	1.30	0.56
7	1.04	430	1.44	0.68
8	1.29	255	1.43	0.49

BELCOURT PROPERTY 1978

Section Number 7808 N.E. of Huguenot Thrust

Regional Reserve Calculations:

Drill Hole Influence BD 7808

PTARMIGAN BLOCK

Length of Section Influence 1500

Thickness Cutoff (M)	Raw Coal (x 10^6 tonnes)
0.5	19.34
1	17.49
2	8.83
3	8.83

SEAM	MINING SECTION THICKNESS (M)	LENGTH (M)	SP. G. OF RAW COAL	RAW COAL IN PLACE x 10^6 TONNES
1	8.27	505	1.41	8.83
5	0.57	560	1.31	0.63
6	1.99	735	1.44	3.16
6	0.85	735	1.30	1.22
7	1.04	890	1.44	2.00
8	1.29	1265	1.43	3.50

BELCOURT PROPERTY 1978

Section Number 7809

Regional Reserve Calculations:

Drill Hole Influence BD 7808

HUGUENOT BLOCK

Length of Section Influence 1500

Thickness Cutoff (M)	Raw Coal (x 10^6 tonnes)
0.5	14.73
1	13.35
2	8.75
3	8.75

SEAM	MINING SECTION THICKNESS (M)	LENGTH (M)	SP. G. OF RAW COAL	RAW COAL IN PLACE x 10^6 TONNES
1	8.27	500	1.41	8.75
5	0.57	495	1.31	0.55
6	1.99	495	1.44	2.13
6	0.85	495	1.30	0.82
7	1.04	495	1.44	1.11
8	1.29	495	1.43	1.37

BELCOURT PROPERTY 1978

Regional Reserve Calculations:

HUGUENOT BLOCK

Section Number 7810

Drill Hole Influence BD 7808

Length of Section Influence 1350

Thickness Cutoff (M)	Raw Coal (x 10^6 tonnes)
0.5	14.08
1	12.83
2	8.66
3	8.66

SEAM	MINING SECTION THICKNESS (M)	LENGTH (M)	SP. G. OF RAW COAL	RAW COAL IN PLACE x 10^6 TONNES
1	8.27	550	1.41	8.66
5	0.57	505	1.31	0.51
6	1.99	495	1.44	1.92
6	0.85	495	1.30	0.74
7	1.04	500	1.44	1.01
8	1.29	500	1.43	1.25

BELCOURT PROPERTY 1978

Section Number 7810 A

Regional Reserve Calculations:

Drill Hole Influence BD 7808

HUGUENOT BLOCK

Length of Section Influence 745

Thickness Cutoff (M)	Raw Coal (x 10^6 tonnes)
0.5	7.89
1	7.12
2	4.60
3	4.60

SEAM	MINING SECTION THICKNESS (M)	LENGTH (M)	SP. G. OF RAW COAL	RAW COAL IN PLACE x 10^6 TONNES
1	8.27	530	1.41	4.60
5	0.57	560	1.31	0.31
6	1.99	555	1.44	1.19
6	0.85	555	1.30	0.46
7	1.04	545	1.44	0.61
8	1.29	525	1.43	0.72

BELCOURT PROPERTY 1978

Section Number 7811

Regional Reserve Calculations:

Drill Hole Influence BD 7808

HUGUENOT BLOCK

Length of Section Influence 895

Thickness Cutoff (M)	Raw Coal (x 10^6 tonnes)
0.5	9.74
1	8.81
2	5.79
3	5.79

SEAM	MINING SECTION THICKNESS (M)	LENGTH (M)	SP. G. OF RAW COAL	RAW COAL IN PLACE x 10^6 TONNES
1	8.27	555	1.41	5.79
5	0.57	580	1.31	0.39
6	1.99	550	1.44	1.41
6	0.85	550	1.30	0.54
7	1.04	545	1.44	0.73
8	1.29	530	1.43	0.88

BELCOURT PROPERTY 1978

Regional Reserve Calculations:

HUGUENOT BLOCK

Section Number 7812

Drill Hole Influence BD 7808

Length of Section Influence 1500

Thickness Cutoff (M)	Raw Coal (x 10^6 tonnes)
0.5	14.79
1	13.40
2	8.75
3	8.75

SEAM	MINING SECTION THICKNESS (M)	LENGTH (M)	SP. G. OF RAW COAL	RAW COAL IN PLACE x 10^6 TONNES
1	8.27	500	1.41	8.75
5	0.57	500	1.31	0.56
6	1.99	500	1.44	2.15
6	0.85	500	1.30	0.83
7	1.04	500	1.44	1.12
8	1.29	500	1.43	1.38

BELCOURT PROPERTY 1978

Section Number 7813

Regional Reserve Calculations:

Drill Hole Influence BD 7808

HOLTLSLANDER SOUTH BLOCK

Length of Section Influence 1500

Thickness Cutoff (M)	Raw Coal (x 10^6 tonnes)
0.5	19.15
1	17.47
2	12.07
3	12.07

SEAM	MINING SECTION THICKNESS (M)	LENGTH (M)	SP. G. OF RAW COAL	RAW COAL IN PLACE x 10^6 TONNES
1	8.27	690	1.41	12.07
5	0.57	605	1.31	0.68
6	1.99	605	1.44	2.60
6	0.85	600	1.30	0.99
7	1.04	565	1.44	1.27
8	1.29	555	1.43	1.54

BELCOURT PROPERTY 1978

Section Number 7813

Regional Reserve Calculations:

Drill Hole Influence 7805

HOLTSLANDER SOUTH BLOCK

Length of Section Influence 990

Thickness Cutoff (M)	Raw Coal (x 10^6 tonnes)
0.5	6.90
1	5.31
2	4.44
3	4.44

SEAM	MINING SECTION THICKNESS (M)	LENGTH (M)	SP. G. OF RAW COAL	RAW COAL IN PLACE x 10^6 TONNES
5	9.09	350	1.41	4.44
6	1.77	380	1.30	0.87
6	0.91	380	1.38	0.47
6	0.65	380	1.30	0.32
7	0.50	450	1.30	0.29
7	0.89	450	1.30	0.52

BELCOURT PROPERTY 1978

Section Number 7814

Regional Reserve Calculations:

Drill Hole Influence BD 7808

HOLTSLANDER SOUTH BLOCK

Length of Section Influence 1500

Thickness Cutoff (M)	Raw Coal (x 10^6 tonnes)
0.5	17.27
1	15.67
2	10.76
3	10.76

SEAM	MINING SECTION THICKNESS (M)	LENGTH (M)	SP. G. OF RAW COAL	RAW COAL IN PLACE x 10^6 TONNES
1	8.27	615	1.41	10.76
5	0.57	600	1.31	0.67
6	1.99	560	1.44	2.41
6	0.85	560	1.30	0.93
7	1.04	500	1.44	1.12
8	1.29	500	1.43	1.38

BELCOURT PROPERTY 1978

Regional Reserve Calculations:

HOLTSLANDER SOUTH BLOCK

Section Number 7814

Drill Hole Influence 7805

Length of Section Influence 1500

Thickness Cutoff (M)	Raw Coal (x 10^6 tonnes)
0.5	13.73
1	10.70
2	8.46
3	8.46

SEAM	MINING SECTION THICKNESS (M)	LENGTH (M)	SP. G. OF RAW COAL	RAW COAL IN PLACE x 10^6 TONNES
5	9.09	440	1.41	8.46
6	1.77	650	1.30	2.24
6	0.91	650	1.38	1.22
6	0.65	650	1.30	0.82
7	0.50	360	1.30	0.35
7	0.89	360	1.30	0.62

BELCOURT PROPERTY 1978

Regional Reserve Calculations:

HOLTSLANDER SOUTH BLOCK

Section Number 7815

Drill Hole Influence BD 7808

Length of Section Influence 1500

Thickness Cutoff (M)	Raw Coal (x 10^6 tonnes)
0.5	18.93
1	17.15
2	11.46
3	11.46

SEAM	MINING SECTION THICKNESS (M)	LENGTH (M)	SP. G. OF RAW COAL	RAW COAL IN PLACE x 10^6 TONNES
1	8.27	655	1.41	11.46
5	0.57	655	1.31	0.73
6	1.99	630	1.44	2.71
6	0.85	630	1.30	1.04
7	1.04	610	1.44	1.37
8	1.29	585	1.43	1.62

BELCOURT PROPERTY 1978

Regional Reserve Calculations:

HOLTSLANDER SOUTH BLOCK

Section Number 7815

Drill Hole Influence 7805

Length of Section Influence 1700

Thickness Cutoff (M)	Raw Coal (x 10^6 tonnes)
0.5	13.40
1	9.72
2	7.63
3	7.63

SEAM	MINING SECTION THICKNESS (M)	LENGTH (M)	SP. G. OF RAW COAL	RAW COAL IN PLACE x 10^6 TONNES
5	9.09	350	1.41	7.63
6	1.77	535	1.30	2.09
6	0.91	535	1.38	1.14
6	0.65	535	1.30	0.77
7	0.50	575	1.30	0.64
7	0.89	575	1.30	1.13

BELCOURT PROPERTY 1978

Section Number 7816

Regional Reserve Calculations:

Drill Hole Influence BD 7808

HOLTSLANDER SOUTH BLOCK

Length of Section Influence 865

Thickness Cutoff (M)	Raw Coal (x 10^6 tonnes)
0.5	13.84
1	12.75
2	9.63
3	9.63

SEAM	MINING SECTION THICKNESS (M)	LENGTH (M)	SP. G. OF RAW COAL	RAW COAL IN PLACE x 10^6 TONNES
1	8.27	955	1.41	9.63
5	0.57	710	1.31	0.46
6	1.99	655	1.44	1.62
6	0.85	655	1.30	0.63
7	1.04	550	1.44	0.71
8	1.29	490	1.43	0.78

BELCOURT PROPERTY 1978

Regional Reserve Calculations:

HOLTSLANDER SOUTH BLOCK

Section Number 7816

Drill Hole Influence 7805

Length of Section Influence 960

Thickness Cutoff (M)	Raw Coal (x 10^6 tonnes)
0.5	0.22
1	0.04
2	0
3	0

SEAM	MINING SECTION THICKNESS (M)	LENGTH (M)	SP. G. OF RAW COAL	RAW COAL IN PLACE x 10^6 TONNES
5	9.09	0	1.41	0
6	1.77	20	1.30	0.04
6	0.91	20	1.38	0.02
6	0.65	20	1.30	0.02
7	0.50	80	1.30	0.05
7	0.89	80	1.30	0.09

BELCOURT PROPERTY 1978

Regional Reserve Calculations:

HOLTSLANDER SOUTH BLOCK

Section Number 7816

Drill Hole Influence 7814

Length of Section Influence 885

Thickness Cutoff (M)	Raw Coal (x 10^6 tonnes)
0.5	2.27
1	1.72
2	1.51
3	1.51

SEAM	MINING SECTION THICKNESS (M)	LENGTH (M)	SP. G. OF RAW COAL	RAW COAL IN PLACE x 10^6 TONNES
1	3.06	0	1.38	0
1*	0.50	0	1.30	0
2	1.03	0	1.42	0
2	1.34	0	1.42	0
2*	0.64	0	1.30	0
3	0.70	0	1.30	0
4	1.18	15	1.44	0.02
5	5.20	25	1.41	0.16
6	1.80	85	1.38	0.19
7	0.59	160	1.37	0.11
8	3.43	300	1.48	1.35
8	0.55	300	1.34	0.20
9	0.64	330	1.30	0.24

BELCOURT PROPERTY 1978

Regional Reserve Calculations:

HOLTSLANDER SOUTH BLOCK

Section Number T 7817

Drill Hole Influence 7814

Length of Section Influence 1500

Thickness Cutoff (M)	Raw Coal (x 10^6 tonnes)
0.5	14.91
1	13.01
2	9.76
3	9.76

SEAM	MINING SECTION THICKNESS (M)	LENGTH (M)	SP. G. OF RAW COAL	RAW COAL IN PLACE x 10^6 TONNES
1	3.06	0	1.38	0
1*	0.50	0	1.30	0
2	1.03	0	1.42	0
2	1.34	0	1.42	0
2*	0.64	0	1.30	0
3	0.70	0	1.30	0
4	1.18	530	1.44	1.35
5	5.20	520	1.41	5.72
6	1.80	510	1.38	1.90
7	0.59	520	1.37	0.63
8	3.43	530	1.48	4.04
8	0.55	530	1.34	0.59
9	0.64	550	1.30	0.69

BELCOURT PROPERTY 1978

Regional Reserve Calculations:

HOLTSLANDER SOUTH BLOCK

Section Number T 7817

Drill Hole Influence 7814

Length of Section Influence 1810

Thickness Cutoff (M)	Raw Coal (x 10^6 tonnes)
0.5	10.02
1	7.63
2	4.13
3	4.13

SEAM	MINING SECTION THICKNESS (M)	LENGTH (M)	SP. G. OF RAW COAL	RAW COAL IN PLACE x 10^6 TONNES
1	3.06	540	1.38	4.13
1*	0.50	540	1.30	0.64
2	1.03	575	1.42	1.52
2	1.34	575	1.42	1.98
2*	0.64	575	1.30	0.87
3	0.70	540	1.30	0.89
4	1.18	0	1.44	0
5	5.20	0	1.41	0
6	1.80	0	1.38	0
7	0.59	0	1.37	0
8	3.43	0	1.48	0
8	0.55	0	1.34	0
9	0.64	0	1.30	0

BELCOURT PROPERTY 1978

Regional Reserve Calculations:

HOLTSLANDER SOUTH BLOCK

Section Number T 7817

Drill Hole Influence 7814

Length of Section Influence 2140'

Thickness Cutoff (M)	Raw Coal (x 10^6 tonnes)
0.5	7.37
1	6.32
2	4.12
3	4.12

SEAM	MINING SECTION THICKNESS (M)	LENGTH (M)	SP. G. OF RAW COAL	RAW COAL IN PLACE x 10^6 TONNES
1	3.06	265	1.38	2.40
1*	0.50	265	1.30	0.37
2	1.03	210	1.42	0.66
2	1.34	210	1.42	0.86
2*	0.64	210	1.30	0.37
3	0.70	160	1.30	0.31
4	1.18	130	1.44	0.47
5	5.20	110	1.41	1.73
6	1.80	40	1.38	0.21
7	0.59	0	1.37	0
8	3.43	0	1.48	0
8	0.55	0	1.34	0
9	0.64	0	1.30	0

BELCOURT PROPERTY 1978

Regional Reserve Calculations:

HOLTSLANDER SOUTH BLOCK

Section Number T 7818

Drill Hole Influence 7814

Length of Section Influence 1500

Thickness Cutoff (M)	Raw Coal (x 10^6 tonnes)
0.5	55.05
1	46.28
2	31.80
3	31.80

SEAM	MINING SECTION THICKNESS (M)	LENGTH (M)	SP. G. OF RAW COAL	RAW COAL IN PLACE x 10^6 TONNES
1	3.06	1005	1.38	6.37
1*	0.50	1005	1.30	0.98
2	1.03	1095	1.42	2.40
2	1.34	1095	1.42	3.13
2*	0.64	1095	1.30	1.37
3	0.70	1220	1.30	1.67
4	1.18	1335	1.44	3.40
5	5.20	1395	1.41	15.34
6	1.80	1490	1.38	5.55
7	0.59	1345	1.37	1.63
8	3.43	1325	1.48	10.09
8	0.55	1325	1.34	1.47
9	0.64	1325	1.30	1.65

BELCOURT PROPERTY 1978

Regional Reserve Calculations:

HOLTSLANDER NORTH BLOCK

Section Number T 7819

Drill Hole Influence 7814

Length of Section Influence 1500

Thickness Cutoff (M)	Raw Coal (x 10^6 tonnes)
0.5	37.78
1	32.48
2	20.38
3	20.38

SEAM	MINING SECTION THICKNESS (M)	LENGTH (M)	SP. G. OF RAW COAL	RAW COAL IN PLACE x 10^6 TONNES
1	3.06	100	1.38	0.63
1*	0.50	100	1.30	0.10
2	1.03	1085	1.42	23.80
2	1.34	1085	1.42	3.10
2*	0.64	1085	1.30	1.35
3	0.70	1080	1.30	1.47
4	1.18	1080	1.44	2.75
5	5.20	1075	1.41	11.82
6	1.80	1040	1.38	3.88
7	0.59	1010	1.37	1.23
8	3.43	1040	1.48	7.92
8	0.55	1040	1.34	1.15
9	0.64	1050	1.30	1.31

BELCOURT PROPERTY 1978

Regional Reserve Calculations:

HOLTSLANDER NORTH BLOCK

Section Number T 7820

Drill Hole Influence BD 7801

Length of Section Influence 1500

Thickness Cutoff (M)	Raw Coal (x 10^6 tonnes)
0.5	37.06
1	33.79
2	30.70
3	30.70

SEAM	MINING SECTION THICKNESS (M)	LENGTH (M)	SP. G. OF RAW COAL	RAW COAL IN PLACE x 10^6 TONNES
1	4.26	1010	1.46	9.42
5	4.82	1090	1.46	11.51
6	0.96	1100	1.30	2.06
6	3.92	1100	1.51	9.77
8	1.49	1040	1.33	3.09
8	0.60	1040	1.30	1.22

BELCOURT PROPERTY 1978

Regional Reserve Calculations:

HOLTSLANDER NORTH BLOCK

Section Number T 7821

Drill Hole Influence BD 7801

Length of Section Influence 1500

Thickness Cutoff (M)	Raw Coal (x 10^6 tonnes)
0.5	53.51
1	50.62
2	46.28
3	46.28

SEAM	MINING SECTION THICKNESS (M)	LENGTH (M)	SP. G. OF RAW COAL	RAW COAL IN PLACE x 10^6 TONNES
1	4.26	1725	1.46	16.09
5	4.82	1560	1.46	16.47
6	0.96	1545	1.30	2.89
6	3.92	1545	1.51	13.72
8	1.49	1460	1.33	4.34
8	0.60	1460	1.30	1.71

BELCOURT PROPERTY 1978

Section Number T 7822

Regional Reserve Calculations:

Drill Hole Influence BD 7816

HOLTSLANDER NORTH BLOCK

Length of Section Influence 1500

Thickness Cutoff (M)	Raw Coal (x 10^6 tonnes)
0.5	83.77
1	74.27
2	52.64
3	52.64

SEAM	MINING SECTION THICKNESS (M)	LENGTH (M)	SP. G. OF RAW COAL	RAW COAL IN PLACE x 10^6 TONNES
1	1.06	1600	1.30	3.31
1	0.80	1600	1.43	2.75
1	0.52	1600	1.30	1.62
1	3.53	1600	1.37	11.61
2	0.50	1600	1.30	1.56
3	1.76	1650	1.35	5.88
5	6.44	1680	1.42	23.04
6	3.16	2530	1.50	17.99
8	1.82	3400	1.34	12.44
8	0.54	3400	1.30	3.58

BELCOURT PROPERTY 1978

Regional Reserve Calculations:

HOLTSLANDER NORTH BLOCK

Section Number T 7823

Drill Hole Influence BD 7816

Length of Section Influence 975

Thickness Cutoff (M)	Raw Coal (x 10^6 tonnes)
0.5	42.98
1	37.92
2	30.31
3	30.31

SEAM	MINING SECTION THICKNESS (M)	LENGTH (M)	SP. G. OF RAW COAL	RAW COAL IN PLACE x 10^6 TONNES
1	1.06	2110	1.30	2.84
1	0.80	2110	1.43	2.35
1	0.52	2110	1.30	1.39
1	3.53	2110	1.37	9.95
2	0.50	1650	1.30	1.05
3	1.76	1650	1.35	3.82
5	6.44	1610	1.42	14.36
6	3.16	1300	1.50	6.01
8	1.82	400	1.34	0.95
8	0.54	400	1.30	0.27

BELCOURT PROPERTY 1978

Section Number T 7824

Regional Reserve Calculations:

Drill Hole Influence No Coal

RED DEER BLOCK

Length of Section Influence _____

Thickness Cutoff (M)	Raw Coal (x 10^6 tonnes)
0.5	
1	
2	
3	

SEAM	MINING SECTION THICKNESS (M)	LENGTH (M)	SP. G. OF RAW COAL	RAW COAL IN PLACE x 10^6 TONNES

BELCOURT PROPERTY 1978

Section Number T 7825

Regional Reserve Calculations:

Drill Hole Influence No Coal

RED DEER BLOCK

Length of Section Influence _____

Thickness Cutoff (M)	Raw Coal (x 10^6 tonnes)
0.5	
1	
2	
3	

SEAM	MINING SECTION THICKNESS (M)	LENGTH (M)	SP. G. OF RAW COAL	RAW COAL IN PLACE x 10^6 TONNES

BELCOURT PROPERTY 1978

Section Number T 7826

Regional Reserve Calculations:

Drill Hole Influence BD 7802

RED DEER BLOCK

Length of Section Influence 1500

Thickness Cutoff (M)	Raw Coal (x 10^6 tonnes)
0.5	60.80
1	56.20
2	49.89
3	49.89

SEAM	MINING SECTION THICKNESS (M)	LENGTH (M)	SP. G. OF RAW COAL	RAW COAL IN PLACE x 10^6 TONNES
1	6.98	1600	1.39	23.29
2	3.03	1550	1.30	9.16
3	5.56	1550	1.35	17.45
3	0.88	1550	1.31	2.68
6	1.24	800	1.33	1.98
6	0.50	800	1.30	0.78
6	0.70	800	1.36	1.14
6	1.05	800	1.36	1.71
7	1.35	390	1.41	1.11
8	1.89	345	1.53	1.50

BELCOURT PROPERTY 1978

Section Number T 7827

Regional Reserve Calculations:

Drill Hole Influence BD 7802

RED DEER BLOCK

Length of Section Influence 1020

Thickness Cutoff (M)	Raw Coal (x 10^6 tonnes)
0.5	61.11
1	55.85
2	41.23
3	41.23

SEAM	MINING SECTION THICKNESS (M)	LENGTH (M)	SP. G. OF RAW COAL	RAW COAL IN PLACE x 10^6 TONNES
1	6.98	1925	1.39	19.05
2	3.03	1900	1.30	7.63
3	5.56	1900	1.35	14.55
3	0.88	1900	1.31	2.23
6	1.24	1850	1.33	3.11
6	0.50	1850	1.30	1.23
6	0.70	1850	1.36	1.80
6	1.05	1850	1.36	2.70
7	1.35	1800	1.41	3.50
8	1.89	1800	1.53	5.31

BELCOURT PROPERTY 1978

Section Number T 7827 A

Regional Reserve Calculations:

Drill Hole Influence BD 7802

RED DEER BLOCK

Length of Section Influence 750

Thickness Cutoff (M)	Raw Coal (x 10^6 tonnes)
0.5	56.35
1	51.95
2	39.31
3	39.31

SEAM	MINING SECTION THICKNESS (M)	LENGTH (M)	SP. G. OF RAW COAL	RAW COAL IN PLACE x 10^6 TONNES
1	6.98	2925	1.39	21.28
2	3.03	2100	1.30	6.20
3	5.56	2100	1.35	11.82
3	0.88	2100	1.31	1.82
6	1.24	2150	1.33	2.66
6	0.50	2150	1.30	1.05
6	0.70	2150	1.36	1.54
6	1.05	2150	1.36	2.30
7	1.35	2150	1.41	3.07
8	1.89	2125	1.53	4.61

BELCOURT PROPERTY 1978

Regional Reserve Calculations:

RED DEER BLOCK

Section Number T 7828

Drill Hole Influence BD 7802

Length of Section Influence 780

Thickness Cutoff (M)	Raw Coal (x 10^6 tonnes)
0.5	29.67
1	27.44
2	22.96
3	22.96

SEAM	MINING SECTION THICKNESS (M)	LENGTH (M)	SP. G. OF RAW COAL	RAW COAL IN PLACE x 10^6 TONNES
1	6.98	1515	1.39	11.47
2	3.03	1340	1.30	4.12
3	5.56	1260	1.35	7.38
3	0.88	1260	1.31	1.13
6	1.24	880	1.33	1.13
6	0.50	880	1.30	0.45
6	0.70	880	1.36	0.65
6	1.05	880	1.36	0.98
7	1.35	730	1.41	1.08
8	1.89	570	1.53	1.29

BELCOURT PROPERTY 1978

Section Number T 7828 A (Syncline)

Regional Reserve Calculations:

Drill Hole Influence BD 7802

RED DEER BLOCK

Length of Section Influence 750

Thickness Cutoff (M)	Raw Coal (x 10^6 tonnes)
0.5	7.04
1	7.04
2	7.04
3	7.04

SEAM	MINING SECTION THICKNESS (M)	LENGTH (M)	SP. G. OF RAW COAL	RAW COAL IN PLACE x 10^6 TONNES
1	6.98	750	1.39	5.46
2	3.03	500	1.30	1.58
3	5.56	0	1.35	0
3	0.88	0	1.31	0
6	1.24	0	1.33	0
6	0.50	0	1.30	0
6	0.70	0	1.36	0
6	1.05	0	1.36	0
7	1.35	0	1.41	0
8	1.89	0	1.53	0

BELCOURT PROPERTY 1978

Regional Reserve Calculations:

RED DEER BLOCK

Section Number T 7828 A (Anticline)

Drill Hole Influence BD 7810

Length of Section Influence 750

Thickness Cutoff (M)	Raw Coal (x 10^6 tonnes)
0.5	6.28
1	5.94
2	5.94
3	5.94

SEAM	MINING SECTION THICKNESS (M)	LENGTH (M)	SP. G. OF RAW COAL	RAW COAL IN PLACE x 10^6 TONNES
1	5.39	500	1.32	2.67
2	3.29	500	1.30	1.60
3	3.37	500	1.32	1.67
3	0.65	500	1.40	0.34

BELCOURT PROPERTY 1978

Regional Reserve Calculations:

RED DEER BLOCK

Section Number T 7829 (Syncline)

Drill Hole Influence BD 7802

Length of Section Influence 715

Thickness Cutoff (M)	Raw Coal (x 10^6 tonnes)
0.5	2.57
1	2.57
2	2.57
3	2.57

SEAM	MINING SECTION THICKNESS (M)	LENGTH (M)	SP. G. OF RAW COAL	RAW COAL IN PLACE x 10^6 TONNES
1	6.98	300	1.39	2.08
2	3.03	175	1.30	0.49
3	5.56	0	1.35	0
3	0.88	0	1.31	0
6	1.24	0	1.33	0
6	0.50	0	1.30	0
6	0.70	0	1.36	0
6	1.05	0	1.36	0
7	1.35	0	1.41	0
8	1.89	0	1.53	0

BELCOURT PROPERTY 1978

Section Number T 7829

Regional Reserve Calculations:

Drill Hole Influence BD 7802

RED DEER BLOCK

Length of Section Influence 1200

Thickness Cutoff (M)	Raw Coal (x 10^6 tonnes)
0.5	6.20
1	5.16
2	0
3	0

SEAM	MINING SECTION THICKNESS (M)	LENGTH (M)	SP. G. OF RAW COAL	RAW COAL IN PLACE x 10^6 TONNES
1	6.98	0	1.39	0
2	3.03	0	1.30	0
3	5.56	0	1.35	0
3	0.88	0	1.31	0
6	1.24	540	1.33	1.07
6	0.50	540	1.30	0.42
6	0.70	540	1.36	0.62
6	1.05	540	1.36	0.93
7	1.35	550	1.41	1.26
8	1.89	550	1.53	1.91

BELCOURT PROPERTY 1978

Regional Reserve Calculations:

RED DEER BLOCK

Section Number T 7829 (Anticline)

Drill Hole Influence BD 7810

Length of Section Influence 1200

Thickness Cutoff (M)	Raw Coal (x 10^6 tonnes)
0.5	10.37
1	9.81
2	9.81
3	9.81

SEAM	MINING SECTION THICKNESS (M)	LENGTH (M)	SP. G. OF RAW COAL	RAW COAL IN PLACE x 10^6 TONNES
1	5.39	516	1.32	4.41
2	3.29	516	1.30	2.65
3	3.37	516	1.32	2.75
3	0.65	516	1.40	0.56

BELCOURT PROPERTY 1978

Regional Reserve Calculations:

RED DEER BLOCK

Section Number T 7830

Drill Hole Influence BD 7802

Length of Section Influence 1500

Thickness Cutoff (M)	Raw Coal (x 10^6 tonnes)
0.5	24.35
1	22.22
2	16.03
3	16.03

SEAM	MINING SECTION THICKNESS (M)	LENGTH (M)	SP. G. OF RAW COAL	RAW COAL IN PLACE x 10^6 TONNES
1	6.98	500	1.39	7.28
2	3.03	500	1.30	2.95
3	5.56	515	1.35	5.80
3	0.88	515	1.31	0.89
6	1.24	515	1.33	1.27
6	0.50	515	1.30	0.50
6	0.70	515	1.36	0.74
6	1.05	515	1.36	1.10
7	1.35	530	1.41	1.51
8	1.89	530	1.53	2.30

BELCOURT PROPERTY 1978

Section Number T 7831

Regional Reserve Calculations:

Drill Hole Influence BD 7812

RED DEER BLOCK

Length of Section Influence 1350

Thickness Cutoff (M)	Raw Coal (x 10^6 tonnes)
0.5	15.60
1	14.48
2	12.16
3	9.55

SEAM	MINING SECTION THICKNESS (M)	LENGTH (M)	SP. G. OF RAW COAL	RAW COAL IN PLACE x 10^6 TONNES
1	6.86	500	1.37	6.34
2	2.98	500	1.30	2.62
3	0.70	500	1.30	0.61
6	3.04	500	1.56	3.20
6	1.63	500	1.31	1.44
7	0.58	500	1.30	0.51
8	1.00	500	1.30	0.88

BELCOURT PROPERTY 1978

Section Number T 7831 A

Regional Reserve Calculations:

Drill Hole Influence BD 7812

RED DEER BLOCK

Length of Section Influence 750

Thickness Cutoff (M)	Raw Coal (x 10^6 tonnes)
0.5	9.33
1	8.66
2	7.32
3	5.73

SEAM	MINING SECTION THICKNESS (M)	LENGTH (M)	SP. G. OF RAW COAL	RAW COAL IN PLACE x 10^6 TONNES
1	6.86	550	1.37	3.88
2	2.98	550	1.30	1.60
3	0.70	550	1.30	0.38
6	3.04	520	1.56	1.85
6	1.63	520	1.31	0.83
7	0.58	515	1.30	0.29
8	1.00	515	1.30	0.50

BELCOURT PROPERTY 1978

Section Number T 7832

Regional Reserve Calculations:

Drill Hole Influence BD 7812

RED DEER BLOCK

Length of Section Influence 900

Thickness Cutoff (M)	Raw Coal (x 10^6 tonnes)
0.5	11.53
1	10.74
2	9.10
3	7.25

SEAM	MINING SECTION THICKNESS (M)	LENGTH (M)	SP. G. OF RAW COAL	RAW COAL IN PLACE x 10^6 TONNES
1	6.86	590	1.37	4.99
2	2.98	530	1.30	1.85
3	0.70	530	1.30	0.43
6	3.04	530	1.56	2.26
6	1.63	530	1.31	1.02
7	0.58	530	1.30	0.36
8	1.00	530	1.30	0.62

BELCOURT PROPERTY 1978

Section Number T 7833

Regional Reserve Calculations:

Drill Hole Influence BD 7812

RED DEER BLOCK

Length of Section Influence 2050

Thickness Cutoff (M)	Raw Coal (x 10^6 tonnes)
0.5	27.00
1	25.09
2	21.15
3	16.62

SEAM	MINING SECTION THICKNESS (M)	LENGTH (M)	SP. G. OF RAW COAL	RAW COAL IN PLACE x 10^6 TONNES
1	6.86	580	1.37	11.17
2	2.98	570	1.30	4.53
3	0.70	560	1.30	1.05
6	3.04	560	1.56	5.44
6	1.63	560	1.31	2.45
7	0.58	560	1.30	0.87
8	1.00	560	1.30	1.49

APPENDIX 3.2

POTENTIAL RESERVES OF THE

PROPOSED OPEN PIT MINE AREAS:

DATA SHEETS

BELCOURT PROJECT 1978
Pit Reserve Calculations - OMEGA PIT - CASE A

Section Number T7802A

Drill Hole Influence BD 7806

SEAM I.D.	MINING SECTION THICKNESS (M)	SEAM LENGTH (M)	SEAM INFLUENCE (M)	SPECIFIC GRAVITY OF MINING SECTION	YIELD (%)	SP. G. OF PLANT FEED	INSITU RAW COAL (tonnes x 10^6)	PLANT FEED (WET) (tonnes x 10^6)	PLANT FEED (DRY) (tonnes x 10^6)	PLANT FEED VOL (M^3 x 10^6)	GEOLOGICAL CLEAN COAL (tonnes x 10^6)
1	4.04	150	870	1.33	81.30	1.36	0.70	0.52	0.50	0.36	0.38
2	2.36	190	870	1.33	76.88	1.36	0.52	0.39	0.37	0.27	0.27
3	4.88	250	870	1.41	61.43	1.44	1.50	1.11	1.06	0.73	0.62
4	0.75	0	870	1.30	87.82	1.33	0.00	0.00	0.00	0.00	0.00
5	4.65	230	870	1.33	81.72	1.36	1.24	0.92	0.88	0.64	0.68
6	0.74	0	870	1.30	84.94	1.33	0.00	0.00	0.00	0.00	0.00
6	2.04	165	870	1.44	76.57	1.47	0.42	0.31	0.30	0.20	0.22
6	0.73	0	870	1.30	84.60	1.33	0.00	0.00	0.00	0.00	0.00
6	0.93	0	870	1.32	86.66	1.35	0.00	0.00	0.00	0.00	0.00
						Totals	4.38	3.26	3.10	2.22	2.18

BELCOURT PROJECT 1978
Pit Reserve Calculations - OMEGA PIT - CASE A

Section Number T7803 - NE

Drill Hole Influence BD 7806

SEAM I.D.	MINING SECTION THICKNESS(M)	SEAM LENGTH (M)	SEAM INFLUENCE (M)	SPECIFIC GRAVITY OF MINING SECTION	YIELD (%)	SP. G. OF PLANT FEED	INSITU RAW COAL (tonnes x 10^6)	PLANT FEED (WET) (tonnes x 10^6)	PLANT FEED (DRY) (tonnes x 10^6)	PLANT FEED VOL (M^3 x 10^6)	GEOLOGICAL CLEAN COAL (tonnes x 10^6)
1	4.04	120	625	1.33	81.30	1.36	0.40	0.30	0.28	0.21	0.22
2	2.36	160	625	1.33	76.88	1.36	0.31	0.23	0.22	0.16	0.16
3	4.88	210	625	1.41	61.43	1.44	0.90	0.67	0.64	0.44	0.37
4	0.75	0	625	1.30	87.82	1.33	0.00	0.00	0.00	0.00	0.00
5	4.65	190	625	1.33	81.72	1.36	0.73	0.55	0.52	0.39	0.40
6	0.74	0	625	1.30	84.94	1.33	0.00	0.00	0.00	0.00	0.00
6	2.04	140	625	1.44	76.57	1.47	0.26	0.19	0.18	0.12	0.13
6	0.73	0	625	1.30	84.60	1.33	0.00	0.00	0.00	0.00	0.00
6	0.93	0	625	1.32	86.66	1.35	0.00	0.00	0.00	0.00	0.00
						Totals	2.61	1.94	1.85	1.33	1.30

BELCOURT PROJECT 1978
Pit Reserve Calculations - OMEGA PIT - CASE A

Section Number T7803 - SW

Drill Hole Influence BD 7806

SEAM I.D.	MINING SECTION THICKNESS(M)	SEAM LENGTH (M)	SEAM INFLUENCE (M)	SPECIFIC GRAVITY OF MINING SECTION	YIELD (%)	SP. G. OF PLANT FEED	INSITU RAW COAL (tonnes x 10^6)	PLANT FEED (WET) (tonnes x 10^6)	PLANT FEED (DRY) (tonnes x 10^6)	PLANT FEED VOL (M^3 x 10^6)	GEOLOGICAL CLEAN COAL (tonnes x 10^6)
1	4.04	310	750	1.33	81.30	1.36	1.25	0.93	0.88	0.65	0.68
2	2.36	250	650	1.33	76.88	1.36	0.51	0.37	0.36	0.26	0.26
3	4.88	180	600	1.41	61.43	1.44	0.74	0.55	0.53	0.36	0.31
4	0.75	80	400	1.30	87.82	1.33	0.03	0.02	0.02	0.02	0.02
5	4.65	0	0	1.33	81.72	1.36	0.00	0.00	0.00	0.00	0.00
6	0.74	0	0	1.30	84.94	1.33	0.00	0.00	0.00	0.00	0.00
6	2.04	0	0	1.44	76.57	1.47	0.00	0.00	0.00	0.00	0.00
6	0.73	0	0	1.30	84.60	1.33	0.00	0.00	0.00	0.00	0.00
6	0.93	0	0	1.32	86.66	1.35	0.00	0.00	0.00	0.00	0.00
						Totals	2.53	1.88	1.80	1.30	1.28

BELCOURT PROJECT 1978
Pit Reserve Calculations - OMEGA PIT - CASE A

Section Number T7803A - NE

Drill Hole Influence BD 7806

SEAM I.D.	MINING SECTION THICKNESS(M)	SEAM LENGTH (M)	SEAM INFLUENCE (M)	SPECIFIC GRAVITY OF MINING SECTION	YIELD (%)	SP. G. OF PLANT FEED	INSITU RAW COAL (tonnes x 10^6)	PLANT FEED (WET) (tonnes x 10^6)	PLANT FEED (DRY) (tonnes x 10^6)	PLANT FEED VOL (M^3 x 10^6)	GEOLOGICAL CLEAN COAL (tonnes x 10^6)
1	4.04	170	500	1.33	81.30	1.36	0.46	0.34	0.32	0.24	0.25
2	2.36	195	500	1.33	76.88	1.36	0.31	0.23	0.22	0.16	0.16
3	4.88	230	500	1.41	61.43	1.44	0.79	0.59	0.56	0.39	0.33
4	0.75	0	500	1.30	87.82	1.33	0.00	0.00	0.00	0.00	0.00
5	4.65	210	500	1.33	81.72	1.36	0.65	0.48	0.46	0.34	0.36
6	0.74	0	500	1.30	84.94	1.33	0.00	0.00	0.00	0.00	0.00
6	2.04	160	500	1.44	76.57	1.47	0.24	0.17	0.17	0.11	0.12
6	0.73	0	500	1.30	84.60	1.33	0.00	0.00	0.00	0.00	0.00
6	0.93	0	500	1.32	86.66	1.35	0.00	0.00	0.00	0.00	0.00
						Totals	2.44	1.81	1.73	1.24	1.22

BELCOURT PROJECT 1978
Pit Reserve Calculations - OMEGA PIT - CASE A

Section Number T7803A - SW

Drill Hole Influence BD 7806

SEAM I.D.	MINING SECTION THICKNESS(M)	SEAM LENGTH (M)	SEAM INFLUENCE (M)	SPECIFIC GRAVITY OF MINING SECTION	YIELD (%)	SP. G. OF PLANT FEED	INSITU RAW COAL (tonnes x 10^6)	PLANT FEED (WET) (tonnes x 10^6)	PLANT FEED (DRY) (tonnes x 10^6)	PLANT FEED VOL (M^3 x 10^6)	GEOLOGICAL CLEAN COAL (tonnes x 10^6)
1	4.04	350	500	1.33	81.30	1.36	0.94	0.70	0.67	0.49	0.51
2	2.36	310	500	1.33	76.88	1.36	0.49	0.36	0.34	0.25	0.25
3	4.88	280	500	1.41	61.43	1.44	0.96	0.72	0.68	0.47	0.40
4	0.75	170	500	1.30	87.82	1.33	0.08	0.06	0.06	0.04	0.05
5	4.65	150	500	1.33	81.72	1.36	0.46	0.34	0.33	0.24	0.26
6	0.74	0	500	1.30	84.94	1.33	0.00	0.00	0.00	0.00	0.00
6	2.04	0	500	1.44	76.57	1.47	0.00	0.00	0.00	0.00	0.00
6	0.73	0	500	1.30	84.60	1.33	0.00	0.00	0.00	0.00	0.00
6	0.93	0	500	1.32	86.66	1.35	0.00	0.00	0.00	0.00	0.00
						Totals	2.94	2.18	2.08	1.50	1.47

BELCOURT PROJECT 1978
Pit Reserve Calculations - OMEGA PIT - CASE A

Section Number T7803B - NE

Drill Hole Influence BD 7806

SEAM I.D.	MINING SECTION THICKNESS(M)	SEAM LENGTH (M)	SEAM INFLUENCE (M)	SPECIFIC GRAVITY OF MINING SECTION	YIELD (%)	SP. G. OF PLANT FEED	INSITU RAW COAL (tonnes x 10^6)	PLANT FEED (WET) (tonnes x 10^6)	PLANT FEED (DRY) (tonnes x 10^6)	PLANT FEED VOL (M^3 x 10^6)	GEOLOGICAL CLEAN COAL (tonnes x 10^6)
1	4.04	140	550	1.33	81.30	1.36	0.41	0.31	0.29	0.22	0.23
2	2.36	175	550	1.33	76.88	1.36	0.30	0.22	0.21	0.16	0.16
3	4.88	180	550	1.41	61.43	1.44	0.68	0.51	0.48	0.34	0.28
4	0.75	0	550	1.30	87.82	1.33	0.00	0.00	0.00	0.00	0.00
5	4.65	160	550	1.33	81.72	1.36	0.54	0.40	0.39	0.28	0.30
6	0.74	0	550	1.30	84.94	1.33	0.00	0.00	0.00	0.00	0.00
6	2.04	110	550	1.44	76.57	1.47	0.18	0.13	0.12	0.09	0.09
6	0.73	0	550	1.30	84.60	1.33	0.00	0.00	0.00	0.00	0.00
6	0.93	0	550	1.32	86.66	1.35	0.00	0.00	0.00	0.00	0.00
						Totals	2.12	1.58	1.50	1.08	1.06

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Pit Reserve Calculations - OMEGA PIT - CASE A

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Drill Hole Influence BD 7806

SEAM I.D.	MINING SECTION THICKNESS(M)	SEAM LENGTH (M)	SEAM INFLUENCE (M)	SPECIFIC GRAVITY OF MINING SECTION	YIELD (%)	SP. G. OF PLANT FEED	INSITU RAW COAL (tonnes x 10^6)	PLANT FEED (WET) (tonnes x 10^6)	PLANT FEED (DRY) (tonnes x 10^6)	PLANT FEED VOL (M^3 x 10^6)	GEOLOGICAL CLEAN COAL (tonnes x 10^6)
1	4.04	220	450	1.33	81.30	1.36	0.53	0.40	0.38	0.28	0.29
2	2.36	210	450	1.33	76.88	1.36	0.30	0.22	0.21	0.15	0.15
3	4.88	195	450	1.41	61.43	1.44	0.60	0.45	0.43	0.30	0.25
4	0.75	0	450	1.30	87.82	1.33	0.00	0.00	0.00	0.00	0.00
5	4.65	170	450	1.33	81.72	1.36	0.47	0.35	0.34	0.25	0.26
6	0.74	0	450	1.30	84.94	1.33	0.00	0.00	0.00	0.00	0.00
6	2.04	130	450	1.44	76.57	1.47	0.17	0.13	0.12	0.08	0.09
6	0.73	0	450	1.30	84.60	1.33	0.00	0.00	0.00	0.00	0.00
6	0.93	0	450	1.32	86.66	1.35	0.00	0.00	0.00	0.00	0.00
						Totals	2.08	1.55	1.47	1.06	1.05

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Drill Hole Influence BD 7806

SEAM I.D.	MINING SECTION THICKNESS (M)	SEAM LENGTH (M)	SEAM INFLUENCE (M)	SPECIFIC GRAVITY OF MINING SECTION	YIELD (%)	SP. G. OF PLANT FEED	INSITU RAW COAL (tonnes x 10^6)	PLANT FEED (WET) (tonnes x 10^6)	PLANT FEED (DRY) (tonnes x 10^6)	PLANT FEED VOL (M^3 x 10^6)	GEOLOGICAL CLEAN COAL (tonnes x 10^6)
1	4.04	400	450	1.33	81.30	1.36	0.96	0.72	0.69	0.50	0.53
2	2.36	390	450	1.33	76.88	1.36	0.55	0.41	0.39	0.29	0.29
3	4.88	320	450	1.41	61.43	1.44	0.99	0.74	0.70	0.49	0.41
4	0.75	190	450	1.30	87.82	1.33	0.08	0.06	0.06	0.04	0.05
5	4.65	310	450	1.33	81.72	1.36	0.86	0.64	0.61	0.45	0.48
6	0.74	100	450	1.30	84.94	1.33	0.04	0.03	0.03	0.02	0.02
6	2.04	150	450	1.44	76.57	1.47	0.10	0.07	0.07	0.05	0.05
6	0.73	100	450	1.30	84.60	1.33	0.04	0.03	0.03	0.02	0.02
6	0.93	100	450	1.32	86.66	1.35	0.06	0.04	0.04	0.03	0.03
						Totals	3.69	2.75	2.62	1.89	1.88

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Drill Hole Influence BD 7806

SEAM I.D.	MINING SECTION THICKNESS(M)	SEAM LENGTH (M)	SEAM INFLUENCE (M)	SPECIFIC GRAVITY OF MINING SECTION	YIELD (%)	SP. G. OF PLANT FEED	INSITU RAW COAL (tonnes x 10^6)	PLANT FEED (WET) (tonnes x 10^6)	PLANT FEED (DRY) (tonnes x 10^6)	PLANT FEED VOL (M^3 x 10^6)	GEOLOGICAL CLEAN COAL (tonnes x 10^6)
1	4.04	230	250	1.33	81.30	1.36	0.31	0.23	0.22	0.16	0.17
2	2.36	220	250	1.33	76.88	1.36	0.17	0.13	0.12	0.09	0.09
3	4.88	210	250	1.41	61.43	1.44	0.36	0.27	0.26	0.18	0.15
4	0.75	190	250	1.30	87.82	1.33	0.05	0.03	0.03	0.02	0.03
5	4.65	180	250	1.33	81.72	1.36	0.28	0.21	0.20	0.15	0.15
6	0.74	125	250	1.30	84.94	1.33	0.03	0.02	0.02	0.02	0.02
6	2.04	125	250	1.44	76.57	1.47	0.09	0.07	0.07	0.04	0.05
6	0.73	125	250	1.30	84.60	1.33	0.03	0.02	0.02	0.02	0.02
6	0.93	125	250	1.32	86.66	1.35	0.04	0.03	0.03	0.02	0.02
						Totals	1.36	1.01	0.96	0.69	0.69

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SEAM I.D.	MINING SECTION THICKNESS(M)	SEAM LENGTH (M)	SEAM INFLUENCE (M)	SPECIFIC GRAVITY OF MINING SECTION	YIELD (%)	SP. G. OF PLANT FEED	INSITU RAW COAL (tonnes x 10^6)	PLANT FEED (WET) (tonnes x 10^6)	PLANT FEED (DRY) (tonnes x 10^6)	PLANT FEED VOL (M^3 x 10^6)	GEOLOGICAL CLEAN COAL (tonnes x 10^6)
1	4.04	200	250	1.33	81.30	1.36	0.27	0.20	0.19	0.14	0.15
2	2.36	230	250	1.33	76.88	1.36	0.18	0.13	0.13	0.09	0.09
3	4.88	255	250	1.41	61.43	1.44	0.44	0.33	0.31	0.22	0.18
4	0.75	0	250	1.30	87.82	1.33	0.00	0.00	0.00	0.00	0.00
5	4.65	225	250	1.33	81.72	1.36	0.35	0.26	0.25	0.18	0.19
6	0.74	0	250	1.30	84.94	1.33	0.00	0.00	0.00	0.00	0.00
6	2.04	140	250	1.44	76.57	1.47	0.10	0.08	0.07	0.05	0.05
6	0.73	0	250	1.30	84.60	1.33	0.00	0.00	0.00	0.00	0.00
6	0.93	0	250	1.32	86.66	1.35	0.00	0.00	0.00	0.00	0.00
						Totals	1.34	1.00	0.95	0.68	0.67

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SEAM I.D.	MINING SECTION THICKNESS (M)	SEAM LENGTH (M)	SEAM INFLUENCE (M)	SPECIFIC GRAVITY OF MINING SECTION	YIELD (%)	SP. G. OF PLANT FEED	INSITU RAW COAL (tonnes x 10^6)	PLANT FEED (WET) (tonnes x 10^6)	PLANT FEED (DRY) (tonnes x 10^6)	PLANT FEED VOL (M^3 x 10^6)	GEOLOGICAL CLEAN COAL (tonnes x 10^6)
1	4.04	410	250	1.33	81.30	1.36	0.55	0.41	0.39	0.29	0.30
2	2.36	400	250	1.33	76.88	1.36	0.31	0.23	0.22	0.16	0.16
3	4.88	390	250	1.41	61.43	1.44	0.67	0.50	0.48	0.28	0.33
4	0.75	125	250	1.30	87.82	1.33	0.03	0.02	0.02	0.02	0.02
5	4.65	350	250	1.33	81.72	1.36	0.54	0.40	0.38	0.28	0.30
6	0.74	65	250	1.30	84.94	1.33	0.02	0.01	0.01	0.01	0.01
6	2.04	215	250	1.44	76.57	1.47	0.16	0.12	0.11	0.08	0.08
6	0.73	65	250	1.30	84.60	1.33	0.02	0.01	0.01	0.01	0.01
6	0.93	65	250	1.32	86.66	1.35	0.02	0.01	0.01	0.01	0.01
						Totals	2.32	1.72	1.64	1.18	1.17

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SEAM I.D.	MINING SECTION THICKNESS(M)	SEAM LENGTH (M)	SEAM INFLUENCE (M)	SPECIFIC GRAVITY OF MINING SECTION	YIELD (%)	SP. G. OF PLANT FEED	INSITU RAW COAL (tonnes x 10^6)	PLANT FEED (WET) (tonnes x 10^6)	PLANT FEED (DRY) (tonnes x 10^6)	PLANT FEED VOL (M^3 x 10^6)	GEOLOGICAL CLEAN COAL (tonnes x 10^6)
1	4.04	310	300	1.33	81.30	1.36	0.50	0.37	0.35	0.26	0.27
2	2.36	290	300	1.33	76.88	1.36	0.27	0.20	0.19	0.14	0.14
3	4.88	275	300	1.41	61.43	1.44	0.57	0.42	0.40	0.28	0.24
4	0.75	255	300	1.30	87.82	1.33	0.07	0.06	0.05	0.04	0.04
5	4.65	240	300	1.33	81.72	1.36	0.44	0.33	0.32	0.23	0.24
6	0.74	185	300	1.30	84.94	1.33	0.05	0.04	0.04	0.03	0.03
6	2.04	185	300	1.44	76.57	1.47	0.16	0.12	0.11	0.08	0.09
6	0.73	185	300	1.30	84.60	1.33	0.05	0.04	0.04	0.03	0.03
6	0.93	185	300	1.32	86.66	1.35	0.07	0.05	0.05	0.04	0.04
						Totals	2.20	1.64	1.56	1.12	1.13

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SEAM I.D.	MINING SECTION THICKNESS (M)	SEAM LENGTH (M)	SEAM INFLUENCE (M)	SPECIFIC GRAVITY OF MINING SECTION	YIELD (%)	SP. G. OF PLANT FEED	INSITU RAW COAL (tonnes x 10^6)	PLANT FEED (WET) (tonnes x 10^6)	PLANT FEED (DRY) (tonnes x 10^6)	PLANT FEED VOL (M^3 x 10^6)	GEOLOGICAL CLEAN COAL (tonnes x 10^6)
1	4.04	170	300	1.33	81.30	1.36	0.27	0.20	0.19	0.14	0.15
2	2.36	195	300	1.33	76.88	1.36	0.18	0.14	0.13	0.10	0.10
3	4.88	210	300	1.41	61.43	1.44	0.43	0.32	0.31	0.21	0.18
4	0.75	0	300	1.30	87.82	1.33	0.00	0.00	0.00	0.00	0.00
5	4.65	150	300	1.33	81.72	1.36	0.28	0.21	0.20	0.14	0.15
6	0.74	0	300	1.30	84.94	1.33	0.00	0.00	0.00	0.00	0.00
6	2.04	55	300	1.44	76.57	1.47	0.05	0.04	0.03	0.02	0.02
6	0.73	0	300	1.30	84.60	1.33	0.00	0.00	0.00	0.00	0.00
6	0.93	0	300	1.32	86.66	1.35	0.00	0.00	0.00	0.00	0.00
						Totals	1.22	0.91	0.86	0.62	0.60

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SEAM I.D.	MINING SECTION THICKNESS (M)	SEAM LENGTH (M)	SEAM INFLUENCE (M)	SPECIFIC GRAVITY OF MINING SECTION	YIELD (%)	SP. G. OF PLANT FEED	INSITU RAW COAL (tonnes x 10^6)	PLANT FEED (WET) (tonnes x 10^6)	PLANT FEED (DRY) (tonnes x 10^6)	PLANT FEED VOL (M^3 x 10^6)	GEOLOGICAL CLEAN COAL (tonnes x 10^6)
1	4.04	390	300	1.33	81.30	1.36	0.63	0.47	0.44	0.33	0.34
2	2.36	375	300	1.33	76.88	1.36	0.35	0.26	0.25	0.18	0.18
3	4.88	330	300	1.41	61.43	1.44	0.68	0.51	0.48	0.34	0.28
4	0.75	140	300	1.30	87.82	1.33	0.04	0.03	0.03	0.02	0.02
5	4.65	300	300	1.33	81.72	1.36	0.56	0.41	0.39	0.29	0.31
6	0.74	70	300	1.30	84.94	1.33	0.02	0.01	0.01	0.01	0.01
6	2.04	160	300	1.44	76.57	1.47	0.14	0.10	0.10	0.07	0.07
6	0.73	70	300	1.30	84.60	1.33	0.02	0.01	0.01	0.01	0.01
6	0.93	70	300	1.32	86.66	1.35	0.02	0.02	0.02	0.01	0.02
						Totals	2.47	1.84	1.75	1.26	1.25

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SEAM I.D.	MINING SECTION THICKNESS(M)	SEAM LENGTH (M)	SEAM INFLUENCE (M)	SPECIFIC GRAVITY OF MINING SECTION	YIELD (%)	SP. G. OF PLANT FEED	INSITU RAW COAL (tonnes x 10^6)	PLANT FEED (WET) (tonnes x 10^6)	PLANT FEED (DRY) (tonnes x 10^6)	PLANT FEED VOL (M^3 x 10^6)	GEOLOGICAL CLEAN COAL (tonnes x 10^6)
1	4.04	700	500	1.33	81.30	1.36	1.88	1.40	1.33	0.98	1.03
2	2.36	610	500	1.33	76.88	1.36	0.95	0.71	0.68	0.50	0.50
3	4.88	500	500	1.41	61.43	1.44	1.72	1.28	1.22	0.84	0.71
4	0.75	230	500	1.30	87.82	1.33	0.11	0.08	0.08	0.06	0.07
5	4.65	320	500	1.33	81.72	1.36	0.99	0.74	0.70	0.51	0.54
6	0.74	20	500	1.30	84.94	1.33	0.01	0.01	0.01	0.01	0.01
6	2.04	35	500	1.44	76.57	1.47	0.05	0.04	0.04	0.02	0.03
6	0.73	20	500	1.30	84.60	1.33	0.01	0.01	0.01	0.01	0.01
6	0.93	20	500	1.32	86.66	1.35	0.01	0.01	0.01	0.01	0.01
						Totals	5.74	4.27	4.07	2.94	2.90

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Section Number T 7802

Drill Hole Influence BD 7806

SEAM I.D.	MINING SECTION THICKNESS(M)	SEAM LENGTH (M)	SEAM INFLUENCE (M)	SPECIFIC GRAVITY OF MINING SECTION	YIELD (%)	SP. G. OF PLANT FEED	INSITU RAW COAL (tonnes x 10^6)	PLANT FEED (WET) (tonnes x 10^6)	PLANT FEED (DRY) (tonnes x 10^6)	PLANT FEED VOL (M^3 x 10^6)	GEOLOGICAL CLEAN COAL (tonnes x 10^6)
1	4.04	180	635	1.33	81.30	1.36	0.61	0.46	0.44	0.32	0.34
2	2.36	230	655	1.33	76.88	1.36	0.47	0.35	0.34	0.25	0.25
3	4.88	205	655	1.41	61.43	1.44	0.92	0.69	0.65	0.45	0.38
4	0.75	0	0	1.30	87.82	1.33	0.00	0.00	0.00	0.00	0.00
5	4.65	180	655	1.33	81.72	1.36	0.73	0.54	0.52	0.38	0.40
6	0.74	0	0	1.30	84.94	1.33	0.00	0.00	0.00	0.00	0.00
6	2.04	125	665	1.44	76.57	1.47	0.24	0.18	0.17	0.12	0.13
6	0.73	0	0	1.30	84.60	1.33	0.00	0.00	0.00	0.00	0.00
6	0.93	0	0	1.32	86.66	1.35	0.00	0.00	0.00	0.00	0.00
						Totals	2.98	2.22	2.12	1.52	1.49

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Drill Hole Influence BD 7806

SEAM I.D.	MINING SECTION THICKNESS(M)	SEAM LENGTH (M)	SEAM INFLUENCE (M)	SPECIFIC GRAVITY OF MINING SECTION	YIELD (%)	SP. G. OF PLANT FEED	INSITU RAW COAL (tonnes x 10^6)	PLANT FEED (WET) (tonnes x 10^6)	PLANT FEED (DRY) (tonnes x 10^6)	PLANT FEED VOL (M^3 x 10^6)	GEOLOGICAL CLEAN COAL (tonnes x 10^6)
1	4.04	1250	750	1.33	81.30	1.36	5.04	3.75	3.57	2.63	2.76
2	2.36	1260	780	1.33	76.88	1.36	3.09	2.30	2.19	1.61	1.60
3	4.88	1250	810	1.41	61.43	1.44	6.97	5.18	4.94	3.43	2.89
4	0.75	1200	850	1.30	87.82	1.33	0.99	0.74	0.70	0.53	0.59
5	4.65	1150	875	1.33	81.72	1.36	6.22	4.63	4.41	3.24	3.43
6	0.74	900	915	1.30	84.94	1.33	0.79	0.59	0.56	0.42	0.45
6	2.04	900	915	1.44	76.57	1.47	2.42	1.80	1.71	1.17	1.25
6	0.73	900	915	1.30	84.60	1.33	0.78	0.58	0.55	0.42	0.45
6	0.93	900	915	1.32	86.66	1.35	0.78	0.58	0.55	0.42	0.45
						Totals	27.31	20.32	19.35	13.97	14.01

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Drill Hole Influence BD 7806

SEAM I.D.	MINING SECTION THICKNESS(M)	SEAM LENGTH (M)	SEAM INFLUENCE (M)	SPECIFIC GRAVITY OF MINING SECTION	YIELD (%)	SP. G. OF PLANT FEED	INSITU RAW COAL (tonnes x 10^6)	PLANT FEED (WET) (tonnes x 10^6)	PLANT FEED (DRY) (tonnes x 10^6)	PLANT FEED VOL (M^3 x 10^6)	GEOLOGICAL CLEAN COAL (tonnes x 10^6)
1	4.04	990	625	1.33	81.30	1.36	3.33	2.47	2.36	1.73	1.82
2	2.36	1000	625	1.33	76.88	1.36	1.96	1.46	1.40	1.02	1.02
3	4.88	1010	625	1.41	61.43	1.44	4.34	3.23	3.08	2.14	1.80
4	0.75	720	625	1.30	87.82	1.33	0.44	0.33	0.31	0.23	0.26
5	4.65	1070	625	1.33	81.72	1.36	4.14	3.08	2.93	2.16	2.28
6	0.74	630	625	1.30	84.94	1.33	0.38	0.28	0.27	0.20	0.22
6	2.04	900	625	1.44	76.57	1.47	1.65	1.23	1.17	0.80	0.85
6	0.73	630	625	1.30	84.60	1.33	0.37	0.28	0.26	0.20	0.21
6	0.93	630	625	1.32	86.66	1.35	0.48	0.36	0.34	0.25	0.28
						Totals	17.09	12.72	12.11	8.73	8.75

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Drill Hole Influence BD 7806

SEAM I.D.	MINING SECTION THICKNESS(M)	SEAM LENGTH (M)	SEAM INFLUENCE (M)	SPECIFIC GRAVITY OF MINING SECTION	YIELD (%)	SP. G. OF PLANT FEED	INSITU RAW COAL (tonnes x 10^6)	PLANT FEED (WET) (tonnes x 10^6)	PLANT FEED (DRY) (tonnes x 10^6)	PLANT FEED VOL (M^3 x 10^6)	GEOLOGICAL CLEAN COAL (tonnes x 10^6)
1	4.04	310	775	1.33	81.30	1.36	1.29	0.96	0.91	0.67	0.71
2	2.36	260	640	1.33	76.88	1.36	0.52	0.39	0.37	0.27	0.27
3	4.88	180	465	1.41	61.43	1.44	0.58	0.43	0.41	0.28	0.24
4	0.75	75	375	1.30	87.82	1.33	0.03	0.02	0.02	0.01	0.02
5	4.65	0	0	1.33	81.72	1.36	0.00	0.00	0.00	0.00	0.00
6	0.74	0	0	1.30	84.94	1.33	0.00	0.00	0.00	0.00	0.00
6	2.04	0	0	1.44	76.57	1.47	0.00	0.00	0.00	0.00	0.00
6	0.73	0	0	1.30	84.60	1.33	0.00	0.00	0.00	0.00	0.00
6	0.93	0	0	1.32	86.66	1.35	0.00	0.00	0.00	0.00	0.00
						Totals	2.42	1.80	1.71	1.24	1.23

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Section Number T 7803 A

Drill Hole Influence BD 7806

SEAM I.D.	MINING SECTION THICKNESS(M)	SEAM LENGTH (M)	SEAM INFLUENCE (M)	SPECIFIC GRAVITY OF MINING SECTION	YIELD (%)	SP. G. OF PLANT FEED	INSITU RAW COAL (tonnes x 10^6)	PLANT FEED (WET) (tonnes x 10^6)	PLANT FEED (DRY) (tonnes x 10^6)	PLANT FEED VOL (M^3 x 10^6)	GEOLOGICAL CLEAN COAL (tonnes x 10^6)
1	4.04	1450	500	1.33	81.30	1.36	3.90	2.90	2.76	2.03	2.14
2	2.36	1440	500	1.33	76.88	1.36	2.26	1.68	1.60	1.18	1.17
3	4.88	1430	500	1.41	61.43	1.44	4.92	3.66	3.49	2.42	2.04
4	0.75	880	500	1.30	87.82	1.33	0.43	0.32	0.30	0.23	0.25
5	4.65	1300	535	1.33	81.72	1.36	4.30	3.20	3.05	2.24	2.37
6	0.74	670	500	1.30	84.94	1.33	0.32	0.24	0.23	0.17	0.18
6	2.04	1020	500	1.44	76.57	1.47	1.50	1.12	1.06	0.72	0.77
6	0.73	670	500	1.30	84.60	1.33	0.32	0.24	0.23	0.17	0.18
6	0.93	670	500	1.32	86.66	1.35	0.41	0.31	0.29	0.22	0.24
						Totals	18.36	13.66	13.01	9.37	9.36

BELCOURT PROJECT 1978
Pit Reserve Calculations- OMEGA PIT - CASE B

Section Number T 7803 B

Drill Hole Influence BD 7806

SEAM I.D.	MINING SECTION THICKNESS(M)	SEAM LENGTH (M)	SEAM INFLUENCE (M)	SPECIFIC GRAVITY OF MINING SECTION	YIELD (%)	SP. G. OF PLANT FEED	INSITU RAW COAL (tonnes x 10^6)	PLANT FEED (WET) (tonnes x 10^6)	PLANT FEED (DRY) (tonnes x 10^6)	PLANT FEED VOL (M^3 x 10^6)	GEOLOGICAL CLEAN COAL (tonnes x 10^6)
1	4.04	1810	450	1.33	81.30	1.36	4.38	3.26	3.10	2.28	2.40
2	2.36	1800	450	1.33	76.88	1.36	2.54	1.89	1.80	1.33	1.32
3	4.88	1705	450	1.41	61.43	1.44	5.28	3.93	3.74	2.60	2.19
4	0.75	610	450	1.30	87.82	1.33	0.27	0.20	0.19	0.14	0.16
5	4.65	1600	450	1.33	81.72	1.36	4.45	3.31	3.16	2.32	2.46
6	0.74	510	450	1.30	84.94	1.33	0.22	0.16	0.16	0.12	0.13
6	2.04	1250	450	1.44	76.57	1.47	1.65	1.23	1.17	0.80	0.85
6	0.73	510	450	1.30	84.60	1.33	0.22	0.16	0.15	0.12	0.12
6	0.93	510	450	1.32	86.66	1.35	0.28	0.21	0.20	0.15	0.16
						Totals	19.29	14.35	13.67	9.84	9.79

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Pit Reserve Calculations- OMEGA PIT - CASE B

Section Number T 7803 C

Drill Hole Influence BD 7806

SEAM I.D.	MINING SECTION THICKNESS(M)	SEAM LENGTH (M)	SEAM INFLUENCE (M)	SPECIFIC GRAVITY OF MINING SECTION	YIELD (%)	SP. G. OF PLANT FEED	INSITU RAW COAL (tonnes x 10^6)	PLANT FEED (WET) (tonnes x 10^6)	PLANT FEED (DRY) (tonnes x 10^6)	PLANT FEED VOL (M^3 x 10^6)	GEOLOGICAL CLEAN COAL (tonnes x 10^6)
1	4.04	1885	250	1.33	81.30	1.36	2.53	1.89	1.79	1.32	1.39
2	2.36	1785	250	1.33	76.88	1.36	1.40	1.04	0.99	0.73	0.73
3	4.88	1710	250	1.41	61.43	1.44	2.94	2.19	2.08	1.45	1.22
4	0.75	700	250	1.30	87.82	1.33	0.17	0.13	0.12	0.09	0.10
5	4.65	1530	250	1.33	81.72	1.36	2.37	1.76	1.68	1.23	1.31
6	0.74	700	250	1.30	84.94	1.33	0.17	0.13	0.12	0.09	0.10
6	2.04	1160	250	1.44	76.57	1.47	0.85	0.63	0.60	0.41	0.44
6	0.73	700	250	1.30	84.60	1.33	0.17	0.12	0.12	0.09	0.09
6	0.93	700	250	1.32	86.66	1.35	0.21	0.16	0.15	0.13	0.11
						Totals	10.81	8.04	7.66	5.52	5.50

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Pit Reserve Calculations- OMEGA PIT - CASE B

Section Number T 7804

Drill Hole Influence BD 7806

SEAM I.D.	MINING SECTION THICKNESS(M)	SEAM LENGTH (M)	SEAM INFLUENCE (M)	SPECIFIC GRAVITY OF MINING SECTION	YIELD (%)	SP. G. OF PLANT FEED	INSITU RAW COAL (tonnes x 10^6)	PLANT FEED (WET) (tonnes x 10^6)	PLANT FEED (DRY) (tonnes x 10^6)	PLANT FEED VOL (M^3 x 10^6)	GEOLOGICAL CLEAN COAL (tonnes x 10^6)
1	4.04	1870	300	1.33	81.30	1.36	3.01	2.24	2.14	1.57	1.65
2	2.36	1710	300	1.33	76.88	1.36	1.61	1.20	1.14	0.84	0.83
3	4.88	1600	300	1.41	61.43	1.44	3.30	2.46	2.34	1.62	1.37
4	0.75	940	0.28	1.30	87.82	1.33	0.28	0.20	0.19	0.15	0.16
5	4.65	1390	300	1.33	81.72	1.36	2.58	1.92	1.83	1.34	1.42
6	0.74	660	270	1.30	84.94	1.33	0.17	0.13	0.12	0.09	0.10
6	2.04	950	300	1.44	76.57	1.47	0.84	0.62	0.59	0.40	0.43
6	0.73	660	300	1.30	84.60	1.33	0.33	0.25	0.24	0.18	0.19
6	0.93	660	300	1.32	86.66	1.35	0.24	0.18	0.17	0.13	0.14
						Totals	12.37	9.20	8.76	6.33	6.31

BELCOURT PROJECT 1978
Pit Reserve Calculations - PTARMIGAN PIT

Section Number T 7806

Drill Hole Influence BD 7809

SEAM I.D.	MINING SECTION THICKNESS(M)	SEAM LENGTH (M)	SEAM INFLUENCE (M)	SPECIFIC GRAVITY OF MINING SECTION	YIELD (%)	SP. G. OF PLANT FEED	INSITU RAW COAL (tonnes x 10^6)	PLANT FEED (WET) (tonnes x 10^6)	PLANT FEED (DRY) (tonnes x 10^6)	PLANT FEED VOL (M^3 x 10^6)	GEOLOGICAL CLEAN COAL (tonnes x 10^6)
1	3.04	350	500	1.30	84.06	1.33	0.69	0.51	0.49	0.37	0.39
2	2.02	410	500	1.36	77.81	1.39	0.56	0.42	0.40	0.29	0.30
3	2.93	405	500	1.48	52.64	1.51	0.88	0.65	0.62	0.41	0.31
4	0.86	170	500	1.30	84.60	1.33	0.10	0.07	0.07	0.05	0.05
5	6.76	370	500	1.34	80.07	1.37	1.68	1.25	1.19	0.87	0.91
6	0.61	170	500	1.30	84.60	1.33	0.07	0.05	0.05	0.04	0.04
6	0.91	170	500	1.30	84.60	1.33	0.10	0.07	0.07	0.05	0.06
						Totals	4.07	3.03	2.88	2.07	2.06

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Pit Reserve Calculations - PTARMIGAN PIT

Section Number T 7806 A

Drill Hole Influence BD 7809

SEAM I.D.	MINING SECTION THICKNESS(M)	SEAM LENGTH (M)	SEAM INFLUENCE (M)	SPECIFIC GRAVITY OF MINING SECTION	YIELD (%)	SP. G. OF PLANT FEED	INSITU RAW COAL (tonnes x 10^6)	PLANT FEED (WET) (tonnes x 10^6)	PLANT FEED (DRY) (tonnes x 10^6)	PLANT FEED VOL (M^3 x 10^6)	GEOLOGICAL CLEAN COAL (tonnes x 10^6)
1	3.04	470	520	1.30	84.06	1.33	0.97	0.72	0.68	0.51	0.55
2	2.02	410	515	1.36	77.81	1.39	0.58	0.43	0.41	0.30	0.30
3	2.93	400	510	1.48	52.64	1.51	0.88	0.67	0.63	0.42	0.31
4	0.86	150	505	1.30	84.60	1.33	0.08	0.06	0.06	0.05	0.05
5	6.76	310	500	1.34	80.07	1.37	1.40	1.05	0.99	0.73	0.76
6	0.61	0	0	1.30	84.60	1.33	0.00	0.00	0.00	0.00	0.00
6	0.91	0	0	1.30	84.60	1.33	0.00	0.00	0.00	0.00	0.00
						Totals	3.92	2.92	2.78	2.00	1.97

BELCOURT PROJECT 1978
Pit Reserve Calculations - PTARMIGAN PIT

Section Number T 7804 B

Drill Hole Influence BD 7809

SEAM I.D.	MINING SECTION THICKNESS(M)	SEAM LENGTH (M)	SEAM INFLUENCE (M)	SPECIFIC GRAVITY OF MINING SECTION	YIELD (%)	SP. G. OF PLANT FEED	INSITU RAW COAL (tonnes x 10^6)	PLANT FEED (WET) (tonnes x 10^6)	PLANT FEED (DRY) (tonnes x 10^6)	PLANT FEED VOL (M^3 x 10^6)	GEOLOGICAL CLEAN COAL (tonnes x 10^6)
1	3.04	600	500	1.30	84.06	1.33	1.19	0.88	0.84	0.63	0.67
2	2.02	450	500	1.36	77.81	1.39	0.62	0.46	0.55	0.32	0.32
3	2.93	350	500	1.48	52.64	1.51	0.76	0.56	0.54	0.36	0.27
4	0.86	135	500	1.30	84.60	1.33	0.08	0.06	0.05	0.04	0.04
5	6.76	190	325	1.34	80.07	1.37	0.56	0.42	0.40	0.29	0.30
6	0.61	0	0	1.30	84.60	1.33	0.00	0.00	0.00	0.00	0.00
6	0.91	0	0	1.30	84.60	1.33	0.00	0.00	0.00	0.00	0.00
						Totals	3.20	2.38	2.27	1.63	1.61

BELCOURT PROJECT 1978
Pit Reserve Calculations - PTARMIGAN PIT

Section Number T 7805

Drill Hole Influence BD 7809

SEAM I.D.	MINING SECTION THICKNESS(M)	SEAM LENGTH (M)	SEAM INFLUENCE (M)	SPECIFIC GRAVITY OF MINING SECTION	YIELD (%)	SP. G. OF PLANT FEED	INSITU RAW COAL (tonnes x 10^6)	PLANT FEED (WET) (tonnes x 10^6)	PLANT FEED (DRY) (tonnes x 10^6)	PLANT FEED VOL (M^3 x 10^6)	GEOLOGICAL CLEAN COAL (tonnes x 10^6)
1	3.04	1520	495	1.30	84.06	1.33	2.97	2.21	2.11	1.58	1.69
2	2.02	1495	490	1.36	77.81	1.39	2.01	1.50	1.43	1.03	1.06
3	2.93	1450	470	1.48	52.64	1.51	2.96	2.20	2.09	1.39	1.05
4	0.86	380	400	1.30	84.60	1.33	0.17	0.13	0.12	0.09	0.09
5	6.76	900	350	1.34	80.07	1.37	2.85	2.12	2.02	1.48	1.54
6	0.61	0	0	1.30	84.60	1.33	0.00	0.00	0.00	0.00	0.00
6	0.91	0	0	1.30	84.60	1.33	0.00	0.00	0.00	0.00	0.00
						Totals	10.96	8.16	7.77	5.56	5.43

BELCOURT PROJECT 1978
Pit Reserve Calculations - PTARMIGAN PIT

Section Number T 7805 A

Drill Hole Influence BD 7809

SEAM I.D.	MINING SECTION THICKNESS(M)	SEAM LENGTH (M)	SEAM INFLUENCE (M)	SPECIFIC GRAVITY OF MINING SECTION	YIELD (%)	SP. G. OF PLANT FEED	INSITU RAW COAL (tonnes x 10^6)	PLANT FEED (WET) (tonnes x 10^6)	PLANT FEED (DRY) (tonnes x 10^6)	PLANT FEED VOL (M^3 x 10^6)	GEOLOGICAL CLEAN COAL (tonnes x 10^6)
1	3.04	1740	500	1.30	84.06	1.33	3.44	2.56	2.44	1.83	1.95
2	2.02	1760	515	1.36	77.81	1.39	2.49	1.85	1.76	1.27	1.31
3	2.93	1775	520	1.48	52.64	1.51	4.00	2.98	2.84	1.88	1.42
4	0.86	830	525	1.30	84.60	1.33	0.49	0.36	0.35	0.26	0.28
5	6.76	1690	530	1.34	80.07	1.37	8.11	6.04	5.75	4.20	4.38
6	0.61	900	595	1.30	84.60	1.33	0.42	0.32	0.30	0.23	0.24
6	0.91	900	595	1.30	84.60	1.33	0.63	0.47	0.45	0.34	0.36
						Totals	19.59	14.57	13.88	10.00	9.95

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Pit Reserve Calculations - PTARMIGAN PIT

Section Number T 7805 B

Drill Hole Influence BD 7809

SEAM I.D.	MINING SECTION THICKNESS(M)	SEAM LENGTH (M)	SEAM INFLUENCE (M)	SPECIFIC GRAVITY OF MINING SECTION	YIELD (%)	SP. G. OF PLANT FEED	INSITU RAW COAL (tonnes x 10^6)	PLANT FEED (WET) (tonnes x 10^6)	PLANT FEED (DRY) (tonnes x 10^6)	PLANT FEED VOL (M^3 x 10^6)	GEOLOGICAL CLEAN COAL (tonnes x 10^6)
1	3.04	300	500	1.30	84.06	1.33	0.59	0.44	0.42	0.32	0.34
2	2.02	300	500	1.36	77.81	1.39	0.41	0.31	0.29	0.21	0.22
3	2.93	280	500	1.48	52.64	1.51	0.61	0.45	0.43	0.28	0.22
4	0.86	260	500	1.30	84.60	1.33	0.15	0.11	0.10	0.08	0.08
5	6.76	270	500	1.34	80.07	1.37	1.22	0.91	0.87	0.63	0.66
6	0.61	175	500	1.30	84.60	1.33	0.07	0.05	0.05	0.04	0.04
6	0.91	175	500	1.30	84.60	1.33	0.10	0.08	0.07	0.06	0.06
						Totals	3.15	2.35	2.23	1.61	1.61

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Pit Reserve Calculations- HOLTSLANDER NORTH PIT - CASE A

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Drill Hole Influence BD-7816

SEAM I.D.	MINING SECTION THICKNESS(M)	SEAM LENGTH (M)	SEAM INFLUENCE (M)	SPECIFIC GRAVITY OF MINING SECTION	YIELD (%)	SP. G. OF PLANT FEED	INSITU RAW COAL (tonnes x 10^6)	PLANT FEED (WET) (tonnes x 10^6)	PLANT FEED (DRY) (tonnes x 10^6)	PLANT FEED VOL (M^3 x 10^6)	GEOLOGICAL CLEAN COAL (tonnes x 10^6)
1	1.06	895	625	1.30	82.76	1.33	.77	.57	.55	.41	.43
1	.80	895	625	1.43	60.67	1.46	.64	.48	.45	.31	.26
1	.52	895	625	1.30	84.60	1.33	.38	.28	.27	.20	.22
1	3.53	895	625	1.37	73.79	1.40	2.71	2.01	1.92	1:37	1.35
2	.50	805	645	1.30	84.60	1.33	.34	.25	.24	.18	.19
3	1.76	760	660	1.35	74.46	1.38	1.19	.89	.84	.61	.60
5	6.44	675	680	1.42	63.29	1.45	4.20	3.12	2.97	2.05	1.79
6	3.16	535	700	1.50	42.36	1.53	1.78	1.32	1.26	.82	.51
8	1.82	130	765	1.34	80.23	1.37	.24	.18	.17	.13	.13
8	.54	130	765	1.30	84.60	1.33	.07	.05	.05	.04	.04
						Totals	12.31	9.16	8.72	6.12	5.52

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Pit Reserve Calculations- HOLTSLANDER NORTH PIT - CASE A

Section Number T7822 A

Drill Hole Influence BD-7816

SEAM I.D.	MIIING SECTION THICKNESS (M)	SEAM LENGTH (M)	SEAM INFLUENCE (M)	SPECIFIC GRAVITY OF MINING SECTION	YIELD (%)	SP. G. OF PLANT FEED	INSITU RAW COAL (tonnes x 10^6)	PLANT FEED (WET) (tonnes x 10^6)	PLANT FEED (DRY) (tonnes x 10^6)	PLANT FEED VOL (M^3 x 10^6)	GEOLOGICAL CLEAN COAL (tonnes x 10^6)
1	1.06	820	500	1.30	82.76	1.33	.57	.42	.40	.30	.32
1	.80	820	500	1.43	60.67	1.46	.47	.35	.33	.23	.19
1	.52	820	500	1.30	84.60	1.33	.28	.21	.20	.15	.16
1	3.53	820	500	1.37	73.79	1.40	1.98	1.48	1.41	1.00	.99
2	.50	770	500	1.30	84.60	1.33	.25	.19	.18	.13	.14
3	1.76	705	500	1.35	74.46	1.38	.84	.62	.59	.43	.42
5	6.44	485	500	1.42	63.29	1.45	2.22	1.65	1.57	1.98	.95
6	3.16	395	500	1.50	42.36	1.53	.94	.70	.66	.43	.27
8	1.82	270	500	1.34	80.23	1.37	.33	.25	.23	.17	.18
8	.54	270	500	1.30	84.60	1.33	.09	.07	.07	.05	.05
						Totals	7.96	5.92	5.64	3.98	3.66

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Pit Reserve Calculations- HOLTSLANDER NORTH PIT - CASE A

Section Number T7822 B

Drill Hole Influence BD-7816

SEAM I.D.	MINING SECTION THICKNESS(M)	SEAM LENGTH (M)	SEAM INFLUENCE (M)	SPECIFIC GRAVITY OF MINING SECTION	YIELD (%)	SP. G. OF PLANT FEED	INSITU RAW COAL (tonnes x 10^6)	PLANT FEED (WET) (tonnes x 10^6)	PLANT FEED (DRY) (tonnes x 10^6)	PLANT FEED VOL (M^3 x 10^6)	GEOLOGICAL CLEAN COAL (tonnes x 10^6)
1	1.06	2450	420	1.30	82.76	1.33	1.42	1.06	1.01	.76	.79
1	.80	2450	420	1.43	60.67	1.46	1.18	.88	.83	.57	.48
1	.52	2450	420	1.30	84.60	1.33	.70	.52	.49	.37	.40
1	3.53	2450	420	1.37	73.79	1.40	4.98	3.70	3.53	2.52	2.48
2	.50	2325	435	1.30	84.60	1.33	.66	.49	.47	.35	.38
3	1.76	2275	450	1.35	74.46	1.38	2.43	1.81	1.72	1.25	1.22
5	6.44	2955	400	1.42	63.29	1.45	10.81	8.04	7.66	5.28	4.62
6	3.16	2580	350	1.50	42.36	1.53	4.28	3.18	3.03	1.98	1.22
8	1.82	1215	480	1.34	80.23	1.37	.42	1.06	1.01	.74	.77
8	.54	1215	480	1.30	84.60	1.33	.41	.30	.29	.23	.23
						Totals	27.28	21.04	20.04	14.03	12.59

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Pit Reserve Calculations- HOLTSLANDER NORTH PIT - CASE A

Section Number T7823

Drill Hole Influence BD-7816

SEAM I.D.	MINING SECTION THICKNESS(M)	SEAM LENGTH (M)	SEAM INFLUENCE (M)	SPECIFIC GRAVITY OF MINING SECTION	YIELD (%)	SP. G. OF PLANT FEED	INSITU RAW COAL (tonnes x 10^6)	PLANT FEED (WET) (tonnes x 10^6)	PLANT FEED (DRY) (tonnes x 10^6)	PLANT FEED VOL (M^3 x 10^6)	GEOLOGICAL CLEAN COAL (tonnes x 10^6)
1	1.06	2100	500	1.30	82.76	1.33	1.45	1.08	1.03	.77	.81
1	.80	2100	500	1.43	60.67	1.46	1.20	.89	.85	.58	.49
1	.52	2100	500	1.30	84.60	1.33	.71	.53	.50	.38	.41
1	3.53	2100	500	1.37	73.79	1.40	5.08	3.78	3.60	2.57	2.53
2	.50	1625	500	1.30	84.60	1.33	.53	.39	.37	.28	.30
3	1.76	1675	500	1.35	74.46	1.38	1.99	1.48	1.41	1.02	1.00
5	6.44	1565	500	1.42	63.29	1.45	7.16	5.32	5.07	3.50	3.06
6	3.16	1110	330	1.50	42.36	1.53	1.74	1.29	1.23	.80	.50
8	1.82	55	280	1.34	80.23	1.37	.04	.03	.03	.02	.02
8	.54	55	280	1.30	84.60	1.33	.01	.01	.01	.01	.01
						Totals	19.89	14.80	14.10	9.93	9.11

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Pit Reserve Calculations- HOLTSLANDER NORTH PIT - CASE A

Section Number T7823 A

Drill Hole Influence BD-7816

SEAM I.D.	MINING SECTION THICKNESS (M)	SEAM LENGTH (M)	SEAM INFLUENCE (M)	SPECIFIC GRAVITY OF MINING SECTION	YIELD (%)	SP. G. OF PLANT FEED	INSITU RAW COAL (tonnes x 10^6)	PLANT FEED (WET) (tonnes x 10^6)	PLANT FEED (DRY) (tonnes x 10^6)	PLANT FEED VOL (M^3 x 10^6)	GEOLOGICAL CLEAN COAL (tonnes x 10^6)
1	1.06	700	300	1.30	82.76	1.33	.29	.22	.21	.15	.16
1	.80	700	300	1.43	60.67	1.46	.24	.18	.17	.12	.10
1	.52	700	300	1.30	84.60	1.33	.14	.11	.10	.08	.08
1	3.53	700	300	1.37	73.79	1.40	1.02	.76	.72	.51	.51
2	.50	410	300	1.30	84.60	1.33	.08	.06	.06	.04	.05
						Totals	1.77	1.32	1.25	.90	.89

BELCOURT PROJECT 1978
Pit Reserve Calculations- HOLTSLANDER NORTH PIT - CASE B

Section Number T7821 A

Drill Hole Influence BD-7816

SEAM I.D.	MINING SECTION THICKNESS(M)	SEAM LENGTH (M)	SEAM INFLUENCE (M)	SPECIFIC GRAVITY OF MINING SECTION	YIELD (%)	SP. G. OF PLANT FEED	INSITU RAW COAL (tonnes x 10^6)	PLANT FEED (WET) (tonnes x 10^6)	PLANT FEED (DRY) (tonnes x 10^6)	PLANT FEED VOL (M^3 x 10^6)	GEOLOGICAL CLEAN COAL (tonnes x 10^6)
1	1.06	1100	750	1.30	82.76	1.33	1.14	.85	.81	.61	.63
1	.80	1100	750	1.43	60.67	1.46	.94	.70	.67	.46	.39
1	.52	1100	750	1.30	84.60	1.33	.56	.41	.40	.30	.32
1	3.53	1100	750	1.37	73.79	1.40	3.99	2.97	2.83	2.02	1.99
2	.50	1000	770	1.30	84.60	1.33	.50	.37	.35	.27	.29
3	1.76	965	795	1.35	74.46	1.38	.79	.59	.56	.40	.40
5	6.44	890	820	1.42	63.29	1.45	6.67	4.97	4.73	3.26	2.85
6	3.16	700	870	1.50	42.36	1.53	2.89	2.15	2.05	1.34	.83
8	1.82	490	920	1.34	80.23	1.37	1.10	.82	.78	.57	.60
8	.54	490	920	1.30	84.60	1.33	.32	.24	.22	.17	.18
						Totals	18.89	14.06	13.39	9.39	8.46

BELCOURT PROJECT 1978
Pit Reserve Calculations- HOLTSLANDER NORTH PIT - CASE B

Section Number T7822

Drill Hole Influence BD-7816

SEAM I.D.	MINING SECTION THICKNESS(M)	SEAM LENGTH (M)	SEAM INFLUENCE (M)	SPECIFIC GRAVITY OF MINING SECTION	YIELD (%)	SP. G. OF PLANT FEED	INSITU RAW COAL (tonnes x 10^6)	PLANT FEED (WET) (tonnes x 10^6)	PLANT FEED (DRY) (tonnes x 10^6)	PLANT FEED VOL (M^3 x 10^6)	GEOLOGICAL CLEAN COAL (tonnes x 10^6)
1	1.06	895	625	1.30	82.76	1.33	.77	.57	.55	.41	.43
1	.80	895	625	1.43	60.67	1.46	.64	.48	.45	.31	.26
1	.52	895	625	1.30	84.60	1.33	.38	.28	.27	.20	.22
1	3.53	895	625	1.37	73.79	1.40	2.71	2.01	1.92	1.37	1.35
2	.50	805	625	1.30	84.60	1.33	.33	.24	.23	.17	.19
3	1.76	760	625	1.35	74.46	1.38	1.13	.84	.80	.58	.57
5	6.44	675	625	1.42	63.29	1.45	3.86	2.87	2.73	1.89	1.65
6	3.16	535	625	1.50	42.36	1.53	1.59	1.18	1.12	.73	.45
8	1.82	130	625	1.34	80.23	1.37	.20	.15	.14	.10	.11
8	.54	130	625	1.30	84.60	1.33	.06	.04	.04	.03	.03
						Totals	11.65	8.67	8.25	5.80	5.25

BELCOURT PROJECT 1978
Pit Reserve Calculations- HOLTSLANDER NORTH PIT - CASE B

Section Number T7822 A

Drill Hole Influence BD-7816

SEAM I.D.	MINING SECTION THICKNESS(M)	SEAM LENGTH (M)	SEAM INFLUENCE (M)	SPECIFIC GRAVITY OF MINING SECTION	YIELD (%)	SP. G. OF PLANT FEED	INSITU RAW COAL (tonnes x 10^6)	PLANT FEED (WET) (tonnes x 10^6)	PLANT FEED (DRY) (tonnes x 10^6)	PLANT FEED VOL (M^3 x 10^6)	GEOLOGICAL CLEAN COAL (tonnes x 10^6)
1	1.06	820	500	1.30	82.76	1.33	.57	.42	.40	.30	.32
1	.80	820	500	1.43	60.67	1.46	.47	.35	.33	.23	.19
1	.52	820	500	1.30	84.60	1.33	.28	.21	.20	.15	.16
1	3.53	820	500	1.37	73.79	1.40	1.98	1.48	1.41	1.00	.99
2	.50	770	500	1.30	84.60	1.33	.25	.19	.18	.13	.14
3	1.76	705	500	1.35	74.46	1.38	.84	.62	.59	.43	.42
5	6.44	485	500	1.42	63.29	1.45	2.22	1.65	1.57	1.98	.95
6	3.16	395	500	1.50	42.36	1.53	.94	.70	.66	.43	.27
8	1.82	270	500	1.34	80.23	1.37	.33	.25	.23	.17	.18
8	.54	270	500	1.30	84.60	1.33	.09	.07	.07	.05	.05
						Totals	7.96	5.92	5.64	3.98	3.66

BELCOURT PROJECT 1978
Pit Reserve Calculations- HOLTSLANDER NORTH PIT -CASE B

Section Number T7822 B

Drill Hole Influence BD-7816

SEAM I.D.	MINING SECTION THICKNESS(M)	SEAM LENGTH (M)	SEAM INFLUENCE (M)	SPECIFIC GRAVITY OF MINING SECTION	YIELD (%)	SP. G. OF PLANT FEED	INSITU RAW COAL (tonnes x 10^6)	PLANT FEED (WET) (tonnes x 10^6)	PLANT FEED (DRY) (tonnes x 10^6)	PLANT FEED VOL (M^3 x 10^6)	GEOLOGICAL CLEAN COAL (tonnes x 10^6)
1	1.06	2450	420	1.30	82.76	1.33	1.42	1.06	1.01	.76	.79
1	.80	2450	420	1.43	60.67	1.46	1.18	.88	.83	.57	.48
1	.52	2450	420	1.30	84.60	1.33	.70	.52	.49	.37	.40
1	3.53	2450	420	1.37	73.79	1.40	4.98	3.70	3.53	2.52	2.48
2	.50	2325	435	1.30	84.60	1.33	.66	.49	.47	.35	.38
3	1.76	2275	450	1.35	74.46	1.38	2.43	1.81	1.72	1.25	1.22
5	6.44	2955	400	1.42	63.29	1.45	10.81	8.04	7.66	5.28	4.62
6	3.16	2580	350	1.50	42.36	1.53	4.28	3.18	3.03	1.98	1.22
8	1.82	1215	480	1.34	80.23	1.37	.42	1.06	1.01	.74	.77
8	.54	1215	480	1.30	84.60	1.33	.41	.30	.29	.23	.23
						Totals	27.28	21.04	20.04	14.03	12.59

BELCOURT PROJECT 1978
Pit Reserve Calculations - HOLTSLANDER NORTH PIT - CASE B

Section Number T7823

Drill Hole Influence BD-7816

SEAM I.D.	MINING SECTION THICKNESS (M)	SEAM LENGTH (M)	SEAM INFLUENCE (M)	SPECIFIC GRAVITY OF MINING SECTION	YIELD (%)	SP. G. OF PLANT FEED	INSITU RAW COAL (tonnes x 10^6)	PLANT FEED (WET) (tonnes x 10^6)	PLANT FEED (DRY) (tonnes x 10^6)	PLANT FEED VOL (M^3 x 10^6)	GEOLOGICAL CLEAN COAL (tonnes x 10^6)
1	1.06	2100	500	1.30	82.76	1.33	1.45	1.08	1.03	.77	.81
1	.80	2100	500	1.43	80.67	1.46	1.20	.89	.85	.58	.49
1	.52	2100	500	1.30	84.60	1.33	.71	.53	.50	.38	.41
1	3.53	2100	500	1.37	73.79	1.40	5.08	3.78	3.60	2.57	2.53
2	.50	1625	500	1.30	84.60	1.33	.53	.39	.37	.28	.30
3	1.76	1675	500	1.35	74.46	1.38	1.99	1.48	1.41	1.02	1.00
5	6.44	1565	500	1.42	63.29	1.45	7.16	5.32	5.07	3.50	3.06
6	3.16	1110	330	1.50	42.36	1.53	1.74	1.29	1.23	.80	.50
8	1.82	55	280	1.34	80.23	1.37	..04	.03	..03	.02	.02
8	.54	55	280	1.30	84.60	1.33	.01	.01	.01	.01	.01
						Totals	19.89	14.80	14.10	9.93	9.11

BELCOURT PROJECT 1978
Pit Reserve Calculations- HOLTSLANDER NORTH PIT - CASE B

Section Number T7823 A

Drill Hole Influence BD-7816

SEAM I.D.	MINING SECTION THICKNESS(M)	SEAM LENGTH (M)	SEAM INFLUENCE (M)	SPECIFIC GRAVITY OF MINING SECTION	YIELD (%)	SP. G. OF PLANT FEED	INSITU RAW COAL (tonnes x 10^6)	PLANT FEED (WET) (tonnes x 10^6)	PLANT FEED (DRY) (tonnes x 10^6)	PLANT FEED VOL (M^3 x 10^6)	GEOLOGICAL CLEAN COAL (tonnes x 10^6)
1	1.06	700	300	1.30	82.76	1.33	.29	.22	.21	.15	.16
1	.80	700	300	1.43	60.67	1.46	.24	.18	.17	.12	.10
1	.52	700	300	1.30	84.60	1.33	.14	.11	.10	.08	.08
1	3.53	700	300	1.37	73.79	1.40	1.02	.76	.72	.51	.51
2	.50	410	300	1.30	84.60	1.33	.08	.06	.06	.04	.05
						Totals	1.77	1.32	1.25	.90	.89

BELCOURT PROJECT 1978
Pit Reserve Calculations -- RED DEER PIT

Section Number T7827

Drill Hole Influence BD-7802

SEAM I.D.	MINING SECTION THICKNESS(M)	SEAM LENGTH (M)	SEAM INFLUENCE (M)	SPECIFIC GRAVITY OF MINING SECTION	YIELD (%)	SP. G. OF PLANT FEED	INSITU RAW COAL (tonnes x 10^6)	PLANT FEED (WET) (tonnes x 10^6)	PLANT FEED (DRY) (tonnes x 10^6)	PLANT FEED VOL (M^3 x 10^6)	GEOLOGICAL CLEAN COAL (tonnes x 10^6)
1	6.98	1940	520	1.39	71.44	1.42	9.79	7.28	6.93	4.88	4.72
2	3.03	1920	555	1.30	81.30	1.33	4.20	3.12	2.97	2.24	2.30
3	5.56	1900	565	1.35	71.87	1.38	8.06	6.00	5.71	4.14	3.91
3	0.88	1550	565	1.31	81.82	1.34	1.01	0.75	0.72	0.53	0.56
6	1.24	1850	650	1.33	85.58	1.36	1.98	1.48	1.41	1.03	1.15
6	0.50	1500	650	1.30	62.26	1.33	0.63	0.47	0.45	0.34	0.27
6	0.70	1500	650	1.36	76.19	1.39	0.93	0.69	0.66	0.47	0.48
6	1.05	1850	650	1.36	65.57	1.39	1.72	1.28	1.22	0.88	0.76
7	1.35	1810	670	1.41	66.73	1.44	2.31	1.72	1.64	1.14	1.04
8	1.89	1790	700	1.53	43.15	1.56	3.62	2.70	2.57	1.65	1.06
						Totals	34.25	25.48	24.27	17.29	16.23

BELCOURT PROJECT 1978
Pit Reserve Calculations - RED DEER PIT

Section Number T7827A

Drill Hole Influence BD-7802

SEAM I.D.	MINING SECTION THICKNESS(M)	SEAM LENGTH (M)	SEAM INFLUENCE (M)	SPECIFIC GRAVITY OF MINING SECTION	YIELD (%)	SP. G. OF PLANT FEED	INSITU RAW COAL (tonnes x 10^6)	PLANT FEED (WET) (tonnes x 10^6)	PLANT FEED (DRY) (tonnes x 10^6)	PLANT FEED VOL (M^3 x 10^6)	GEOLOGICAL CLEAN COAL (tonnes x 10^6)
1	6.98	1945	500	1.39	71.44	1.42	9.44	7.02	6.69	4.71	4.55
2	3.03	1910	500	1.30	81.30	1.33	3.76	2.80	2.67	2.00	2.06
3	5.56	1900	500	1.35	71.87	1.38	7.13	5.31	5.05	3.66	3.46
3	0.88	1400	500	1.31	81.82	1.34	0.81	0.60	0.57	0.43	0.45
6	1.24	1805	500	1.33	85.58	1.36	1.49	1.11	1.06	0.78	0.86
6	0.50	1435	500	1.30	62.26	1.33	0.47	0.35	0.33	0.25	0.20
6	0.70	1435	500	1.36	76.19	1.39	0.68	0.51	0.48	0.35	0.35
6	1.05	1805	500	1.36	65.57	1.39	1.29	0.96	0.91	0.66	0.57
7	1.35	1785	500	1.41	66.73	1.44	1.70	1.26	1.20	0.84	0.77
8	1.89	1740	500	1.53	43.15	1.56	2.52	1.87	1.78	1.14	0.73
						Totals	29.28	21.78	20.74	14.81	13.99

BELCOURT PROJECT 1978
Pit Reserve Calculations - RED DEER PIT

Section Number T 7827 B Syncline

Drill Hole Influence BD-7802

SEAM I.D.	MINING SECTION THICKNESS(M)	SEAM LENGTH (M)	SEAM INFLUENCE (M)	SPECIFIC GRAVITY OF MINING SECTION	YIELD (%)	SP. G. OF PLANT FEED	INSITU RAW COAL (tonnes x 10^6)	PLANT FEED (WET) (tonnes x 10^6)	PLANT FEED (DRY) (tonnes x 10^6)	PLANT FEED VOL (M^3 x 10^6)	GEOLOGICAL CLEAN COAL (tonnes x 10^6)
1	6.98	1350	480	1.39	71.44	1.42	6.22	4.62	4.40	3.10	3.00
2	3.03	1145	480	1.30	81.30	1.33	2.17	1.61	1.53	1.15	1.19
3	5.56	1090	480	1.35	71.87	1.38	3.93	2.92	2.78	2.02	1.91
3	0.88	775	480	1.31	81.82	1.34	0.43	0.32	0.30	0.23	0.24
6	1.24	740	480	1.33	85.58	1.36	0.59	0.44	0.42	0.31	0.34
6	0.50	500	480	1.30	62.26	1.33	0.16	0.12	0.11	0.08	0.07
6	0.70	500	480	1.36	76.19	1.39	0.23	0.17	0.16	0.12	0.12
6	1.05	740	480	1.36	65.57	1.39	0.51	0.38	0.36	0.26	0.22
7	1.35	590	480	1.41	66.73	1.44	0.54	0.40	0.38	0.27	0.24
8	1.89	480	480	1.53	43.15	1.56	0.67	0.50	0.47	0.30	0.19
						Totals	15.42	11.47	10.93	7.83	7.51

BELCOURT PROJECT 1978
Pit Reserve Calculations- RED DEER PIT

Section Number T 7827 B Anticline limb

Drill Hole Influence BD-7802

SEAM I.D.	MINING SECTION THICKNESS(M)	SEAM LENGTH (M)	SEAM INFLUENCE (M)	SPECIFIC GRAVITY OF MINING SECTION	YIELD (%)	SP. G. OF PLANT FEED	INSITU RAW COAL (tonnes x 10^6)	PLANT FEED (WET) (tonnes x 10^6)	PLANT FEED (DRY) (tonnes x 10^6)	PLANT FEED VOL (M^3 x 10^6)	GEOLOGICAL CLEAN COAL (tonnes x 10^6)
1	6.98	420	480	1.39	71.44	1.42	1.96	1.46	1.39	0.98	0.94
2	3.03	390	480	1.30	81.30	1.33	0.74	0.55	0.52	0.39	0.40
3	5.56	400	480	1.35	71.87	1.38	1.44	1.07	1.02	0.74	0.70
3	0.88	0	0	1.31	81.82	1.34	0.00	0.00	0.00	0.00	0.00
6	1.24	310	480	1.33	85.58	1.36	0.25	0.18	0.17	0.13	0.14
6	0.50	0	0	1.30	62.26	1.33	0.00	0.00	0.00	0.00	0.00
6	0.70	0	0	1.36	76.19	1.39	0.00	0.00	0.00	0.00	0.00
6	1.05	310	480	1.36	65.57	1.39	0.21	0.16	0.15	0.11	0.09
7	1.35	300	480	1.41	66.73	1.44	0.27	0.20	0.19	0.13	0.12
8	1.89	295	480	1.53	43.15	1.56	0.41	0.30	0.29	0.19	0.12
						Totals	5.28	3.93	3.74	2.66	2.53

BELCOURT PROJECT 1978
Pit Reserve Calculations - RED DEER PIT

Section Number T 7828 Syncline

Drill Hole Influence BD-7802

SEAM I.D.	MINING SECTION THICKNESS(M)	SEAM LENGTH (M)	SEAM INFLUENCE (M)	SPECIFIC GRAVITY OF MINING SECTION	YIELD (%)	SP. G. OF PLANT FEED	INSITU RAW COAL (tonnes x 10^6)	PLANT FEED (WET) (tonnes x 10^6)	PLANT FEED (DRY) (tonnes x 10^6)	PLANT FEED VOL (M^3 x 10^6)	GEOLOGICAL CLEAN COAL (tonnes x 10^6)
1	6.98	905	550	1.39	71.44	1.42	4.83	3.59	3.42	2.41	2.33
2	3.03	760	550	1.30	81.30	1.33	1.65	1.23	1.17	0.88	0.90
3	5.56	735	550	1.35	71.87	1.38	3.03	2.26	2.15	1.56	1.47
3	0.88	205	550	1.31	81.82	1.34	0.13	0.10	0.09	0.07	0.07
6	1.24	280	550	1.33	85.58	1.36	0.25	0.19	0.18	0.13	0.15
6	0.50	70	550	1.30	62.26	1.33	0.03	0.02	0.02	0.01	0.01
6	0.70	70	550	1.36	76.19	1.39	0.04	0.03	0.03	0.02	0.02
6	1.05	280	550	1.36	65.57	1.39	0.22	0.16	0.16	0.11	0.10
7	1.35	155	550	1.41	66.73	1.44	0.16	0.12	0.12	0.08	0.07
8	1.89	30	550	1.53	43.15	1.56	0.05	0.04	0.03	0.02	0.01
						Totals	10.39	7.72	7.36	5.29	5.14

BELCOURT PROJECT 1978
Pit Reserve Calculations- RED DEER PIT

Section Number T 7828 Anticline limb

Drill Hole Influence BD-7802

SEAM I.D.	MINING SECTION THICKNESS(M)	SEAM LENGTH (M)	SEAM INFLUENCE (M)	SPECIFIC GRAVITY OF MINING SECTION	YIELD (%)	SP. G. OF PLANT FEED	INSITU RAW COAL (tonnes x 10^6)	PLANT FEED (WET) (tonnes x 10^6)	PLANT FEED (DRY) (tonnes x 10^6)	PLANT FEED VOL (M^3 x 10^6)	GEOLOGICAL CLEAN COAL (tonnes x 10^6)
1	6.98	150	550	1.39	71.44	1.42	0.80	0.60	0.57	0.40	0.39
2	3.03	150	550	1.30	81.30	1.33	0.33	0.24	0.23	0.17	0.18
3	5.56	150	550	1.35	71.87	1.38	0.62	0.46	0.44	0.32	0.30
3	0.88	0	0	1.31	81.82	1.34	0.00	0.00	0.00	0.00	0.00
6	1.24	95	550	1.33	85.58	1.36	0.09	0.06	0.06	0.05	0.05
6	0.50	0	0	1.30	62.26	1.33	0.00	0.00	0.00	0.00	0.00
6	0.70	0	0	1.36	76.19	1.39	0.00	0.00	0.00	0:00	0.00
6	1.05	95	550	1.36	65.57	1.39	0.07	0.06	0.05	0.04	0.03
7	1.35	90	550	1.41	66.73	1.44	0.09	0.07	0.07	0.05	0.04
8	1.89	90	550	1.53	43.15	1.56	0.14	0.11	0.10	0.06	0.04
						Totals	2.14	1.59	1.52	1.09	1.03

BELCOURT PROJECT 1978
Pit Reserve Calculations - RED DEER PIT

Section Number T 7828 A Syncline

Drill Hole Influence BD-7802

SEAM I.D.	MINING SECTION THICKNESS(M)	SEAM LENGTH (M)	SEAM INFLUENCE (M)	SPECIFIC GRAVITY OF MINING SECTION	YIELD (%)	SP. G. OF PLANT FEED	INSITU RAW COAL (tonnes x 10^6)	PLANT FEED (NET) (tonnes x 10^6)	PLANT FEED (DRY) (tonnes x 10^6)	PLANT FEED VOL (M^3 x 10^6)	GEOLOGICAL CLEAN COAL (tonnes x 10^6)
1	6.98	475	500	1.39	71.44	1.42	2.30	1.71	1.63	1.16	1.11
2	3.03	475	500	1.30	81.30	1.33	0.94	0.70	0.66	0.50	0.51
						Totals	3.24	2.41	2.30	1.66	1.62

BELCOURT PROJECT 1978
Pit Reserve Calculations

Section Number T 7828 A Anticline limb

Drill Hole Influence BD 7810 seam 1-3
BD 7802 seam 6-8

SEAM I.D.	MINING SECTION THICKNESS(M)	SEAM LENGTH (M)	SEAM INFLUENCE (M)	SPECIFIC GRAVITY OF MINING SECTION	YIELD (%)	SP. G. OF PLANT FEED	INSITU RAW COAL (tonnes x 10^6)	PLANT FEED (WET) (tonnes x 10^6)	PLANT FEED (DRY) (tonnes x 10^6)	PLANT FEED VOL (M^3 x 10^6)	GEOLOGICAL CLEAN COAL (tonnes x 10^6)
1	5.39	175	585	1.32	82.43	1.35	0.73	0.54	0.52	0.38	0.40
2	3.29	180	585	1.30	91.88	1.33	0.45	0.34	0.32	0.24	0.28
3	3.37	180	585	1.32	81.95	1.35	0.47	0.35	0.33	0.24	0.26
3	0.65	0	585	1.40	65.19	1.43	0.00	0.00	0.00	0.00	0.00
6	1.24	130	203	1.33	85.58	1.36	0.04	0.03	0.03	0.02	0.03
6	0.50	0	203	1.30	62.26	1.33	0.00	0.00	0.00	0.00	0.00
6	0.70	0	203	1.36	76.19	1.39	0.00	0.00	0.00	0.00	0.00
6	1.05	130	203	1.36	65.57	1.39	0.04	0.03	0.03	0.02	0.02
7	1.35	128	203	1.41	66.73	1.44	0.05	0.04	0.04	0.02	0.02
8	1.89	125	203	1.53	43.15	1.56	0.07	0.05	0.05	0.03	0.02
						Totals	1.85	1.38	1.32	0.95	1.03

BELCOURT PROJECT 1978
Pit Reserve Calculations - RED DEER PIT

Section Number T 7828 B

Drill Hole Influence BD-7802

SEAM I.D.	MINING SECTION THICKNESS(M)	SEAM LENGTH (M)	SEAM INFLUENCE (M)	SPECIFIC GRAVITY OF MINING SECTION	YIELD (%)	SP. G. OF PLANT FEED	INSITU RAW COAL (tonnes x 10^6)	PLANT FEED (WET) (tonnes x 10^6)	PLANT FEED (DRY) (tonnes x 10^6)	PLANT FEED VOL (M^3 x 10^6)	GEOLOGICAL CLEAN COAL (tonnes x 10^6)
1	6.98	605	450	1.39	71.44	1.42	2.64	1.97	1.87	1.32	1.27
2	3.03	340	450	1.30	81.30	1.33	0.60	0.45	0.43	0.32	0.33
						Totals	3.24	2.41	2.30	1.64	1.60

BELCOURT PROJECT 1978
Pit Reserve Calculations - RED DEER PIT

Section Number T 7829

Drill Hole Influence BD-7802

SEAM I.D.	MINING SECTION THICKNESS(M)	SEAM LENGTH (M)	SEAM INFLUENCE (M)	SPECIFIC GRAVITY OF MINING SECTION	YIELD (%)	SP. G. OF PLANT FEED	INSITU RAW COAL (tonnes x 10^6)	PLANT FEED (WET) (tonnes x 10^6)	PLANT FEED (DRY) (tonnes x 10^6)	PLANT FEED VOL (M^3 x 10^6)	GEOLOGICAL CLEAN COAL (tonnes x 10^6)
1	6.98	260	385	1.39	71.44	1.42	0.97	0.72	0.69	0.48	0.47
2	3.03	165	320	1.30	81.30	1.33	0.21	0.15	0.15	0.11	0.11
						Totals	1.18	0.88	0.84	0.59	0.58

APPENDIX 3.3

YIELD CALCULATIONS

and

SPECIFIC GRAVITY CALCULATIONS

BELCOURT PROJECT 1978
YIELD CALCULATIONS
RED DEER PIT

Drill Hole	Seam	Mining Section	Recovered Core Coal/Rock	Recovered Core Total	Laboratory Yield	Lost Core Coal/Rock	Lost Core Total	Yield of Lost Portion	Calculated Yield for Mining Section
7802	1	6.98	5.97/0.32	6.29	84.34	0.00/0.69	0.69	0.00	71.44
	2	3.03	2.72/0.02	2.74	86.12	0.29/0.00	0.29	90.00	81.30
	3	5.56	4.44/0.31	4.75	77.98	0.66/0.15	0.81	67.56	71.87
	3	0.88	0.86/0.02	0.88	-	0.00/0.00	0.00	37.04	81.82
	6	1.24	1.06/0.02	1.08	91.20	0.16/0.00	0.16	90.00	85.58
	6	0.50	0.50/0.00	0.50	66.24	0.00/0.00	0.00	-	62.26
	6	0.70	0.45/0.00	0.45	76.08	0.25/0.00	0.25	90.00	76.19
	6	1.05	0.76/0.10	0.86	65.28	0.19/0.00	0.19	90.00	65.57
	7	1.35	1.11/0.12	1.23	77.91	0.00/0.12	0.12	0.00	66.73
	8	1.89	0.90/0.58	1.48	45.10	0.26/0.15	0.41	48.83	43.15
7810	1	5.39	3.84/0.04	3.88	90.40	1.40/0.11	1.51	80.73	82.43
	2	3.29	3.16/0.00	3.16	98.06	0.13/0.00	0.13	90.00	91.88
	3	3.37	1.95/0.04	1.99	91.00	1.29/0.09	1.38	81.67	81.95
	3	0.65	0.54/0.11	0.65	-	0.00/0.00	0.00	69.35	65.19

BELCOURT PROJECT 1978
YIELD CALCULATIONS
HOLTSLANDER NORTH PIT

Drill Hole	Seam	Section	Recovered Core Coal/Rock	Recovered Core Total	Laboratory Yield	Lost Core Coal/Rock	Lost Core Total	Yield of Lost Portion	Calculated Yield for Mining Section
7801	1	4.26	2.38/0.15	2.53	89.32	0.17/1.02	1.73	29.04	60.95
	5	4.82	2.20/0.39	2.59	79.62	1.35/0.00	2.23	46.09	60.26
	6	0.96	0.35/0.00	0.35	-	0.61/0.00	0.61	90.00	84.60
	6	3.92	2.38/0.96	3.34	70.52	0.15/0.43	0.58	17.34	58.89
	8	1.49	1.15/0.08	1.23	86.49	0.26/0.00	0.26	90.00	81.88
	8	0.60	0.60/0.00	0.60	94.67	0.00/0.00	0.00	-	89.00
7814	1	3.06	1.87/0.19	2.06	75.57	0.76/0.24	1.00	61.58	66.74
	2	1.50	0.22/0.30	0.52	-	0.98/0.00	0.98	65.92	61.96
	2	1.03	0.39/0.00	0.39	-	0.44/0.20	0.64	66.56	62.57
	2	1.34	1.08/0.16	1.24	62.32	0.00/0.10	0.10	0.00	57.67
	3	0.70	0.23/0.00	0.23	-	0.47/0.00	0.47	90.00	84.60
	4	1.18	0.59/0.27	0.86	-	0.32/0.00	0.32	62.78	59.01
	5	5.20	3.48/0.40	3.88	77.80	0.76/0.56	1.32	43.33	64.91
	6	1.80	0.95/0.10	1.05	80.84	0.61/0.14	0.75	67.39	70.72
	7	0.59	0.17/0.07	0.24	-	0.35/0.00	0.35	75.20	70.69
	8	3.43	2.00/0.61	2.61	60.67	0.38/0.44	0.82	33.43	50.91
	8	0.55	0.38/0.04	0.42	-	0.13/0.00	0.13	80.74	75.90
	9	0.64	0.49/0.00	0.49	-	0.15/0.00	0.15	90.00	84.60
	*	1.06	0.00/0,00	0.00	-	1.06/0.00	1.06	90.00	84.60
	*	0.50	0.38/0.00	0.38	-	0.12/0.00	0.12	90.00	84.60
	*	0.64	0.10/0.00	0.10	-	0.54/0.00	0.54	90.00	84.60

* Coal Stringer

cont/d

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Drill Hole	Seam	Section	Recovered Core Coal/Rock	Recovered Core Total	Laboratory Yield	Lost Core Coal/Rock	Lost Core Total	Yield of Lost Portion	Calculated Yield for Mining Section
7816	1	1.06	1.06/0.00	1.06	88.04	0.00/0.00	0.00	-	82.76
	1	0.80	0.63/0.17	0.80	-	0.00/0.00	0.00	64.54	60.67
	1	0.52	0.12/0.00	0.12	-	0.40/0.00	0.40	90.00	84.60
	1	3.53	2.34/0.20	2.54	85.20	0.75/0.24	0.99	61.32	73.79
	2	0.50	0.50/0.00	0.50	-	0.00/0.00	0.00	90.00	84.60
	3	1.76	0.43/0.15	0.58	-	1.18/0.00	1.18	79.21	74.46
	5	6.44	3.96/0.87	4.83	69.99	1.19/0.42	1.61	59.37	63.29
	6	3.16	1.34/0.84	2.18	36.90	0.76/0.22	0.98	63.24	42.36
	8	1.82	0.92/0.12	1.04	81.88	0.78/0.00	0.78	90.00	80.23
	8	0.54	0.10/0.00	0.10	-	0.44/0.00	0.44	90.00	84.60

BELCOURT PROJECT 1978
YIELD CALCULATIONS
PTARMIGAN PIT

Drill Hole	Seam	Section	Recovered Core		Laboratory Yield	Lost Core		Yield of Lost Portion	Calculated Yield for Mining Section
			Coal/Rock	Total		Coal/Rock	Total		
7809	1	3.04	1.22/0.00	1.22	88.56	1.82/0.00	1.82	90.00	84.06
	2	2.02	1.08/0.12	1.20	87.23	0.73/0.09	0.82	76.26	77.81
	3	2.93	0.88/0.30	1.18	-	1.19/0.56	1.75	56.00	52.64
	4	0.86	0.31/0.00	0.31	-	0.55/0.00	0.55	90.00	84.60
	5	6.76	3.19/0.29	3.48	87.27	3.10/0.18	3.28	82.96	80.07
	6	0.61	0.61/0.00	0.61	-	0.00/0.00	0.00	90.00	84.60
	6	0.91	0.06/0.00	0.06	-	0.85/0.00	0.85	90.00	84.60

BELCOURT PROJECT 1978
YIELD CALCULATIONS
OMEGA PIT

Drill Hole	Seam	Section	Recovered Core		Laboratory Yield	Lost Core		Yield of Lost Portion	Calculated Yield for Mining Section
			Coal/Rock	Total		Coal/Rock	Total		
7806	1	4.04	2.18/0.03	2.21	94.37	1.64/0.19	1.83	76.97	81.30
	2	2.36	1.30/0.10	1.40	76.16	0.96/0.00	0.96	90.00	76.88
	3	4.88	2.64/0.21	2.85	74.98	1.35/0.68	2.03	51.84	61.43
	4	0.75	0.75/0.00	0.75	93.43	0.00/0.00	0.00	-	87.82
	5	4.65	3.44/0.07	3.51	92.23	0.96/0.18	1.14	70.64	81.72
	6	0.74	0.34/0.00	0.34	90.78	0.40/0.00	0.40	90.00	84.94
	6	2.04	1.06/0.26	1.32	94.47	0.52/0.20	0.72	57.61	76.57
	6	0.73	0.17/0.00	0.17	-	0.56/0.00	0.56	90.00	84.60
	6	0.93	0.90/0.03	0.93	92.19	0.00/0.00	0.00	-	86.66

BELCOURT PROJECT 1978
SPECIFIC GRAVITY CALCULATIONS

Drill Hole	Seam	True Thickness of Mining Sect.	Coal/Rock	Raw Specific Gravity	Plant Feed Specific Gravity
7801	1	4.26	3.09/1.17	1.46	1.49
	5	4.82	3.55/1.27	1.46	1.49
	6	0.96	0.96/0.00	1.30	1.33
	6	3.92	2.53/1.39	1.51	1.54
	8	1.49	1.41/0.08	1.33	1.36
	8	0.60	0.60/0.00	1.30	1.33
7802	1	6.98	5.97/1.01	1.39	1.49
	2	3.03	3.01/0.02	1.30	1.33
	3	5.56	5.10/0.46	1.35	1.38
	3	0.88	0.86/0.02	1.31	1.34
	6	1.24	1.22/0.02	1.33	1.36
	6	0.50	0.50/0.00	1.30	1.33
	6	0.70	0.63/0.07	1.36	1.39
	6	1.05	0.05/0.10	1.36	1.39
	7	1.35	1.11/0.24	1.41	1.44
	8	1.89	1.16/0.73	1.53	1.56
7805	5	9.09	7.48/1.61	1.41	1.44
	6	1.77	1.77/0.00	1.30	1.33
	6	0.91	0.79/0.12	1.38	1.41
	6	0.65	0.65/0.00	1.30	1.33
	7	0.50	0.50/0.00	1.30	1.33
	7	0.89	0.89/0.00	1.30	1.33

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Drill Hole	Seam	True Thickness of Mining Sect.	Coal/Rock	Raw Specific Gravity	Plant Feed Specific Gravity
7806	1	4.04	3.82/0.22	1.33	1.36
	2	2.36	2.26/0.10	1.33	1.36
	3	4.88	3.99/0.89	1.41	1.44
	4	0.75	0.75/0.00	1.30	1.33
	5	4.65	4.40/0.25	1.33	1.36
	6	0.74	0.74/0.00	1.30	1.33
	6	2.04	1.58/0.46	1.44	1.47
	6	0.73	0.73/0.00	1.30	1.33
	6	0.93	0.90/0.03	1.32	1.35
7807	1	11.07	10.21/0.86	1.35	1.38
	2	1.15	1.15/0.00	1.30	1.33
7808	1	8.27	6.78/1.49	1.41	1.44
	5	0.57	0.57/0.00	1.30	1.33
	6	1.99	1.53/0.46	1.44	1.47
	6	0.85	0.85/0.00	1.30	1.33
	7	1.04	0.79/0.25	1.44	1.47
	8	1.29	1.01/0.28	1.43	1.46
7809	1	3.04	3.04/0.00	1.30	1.33
	2	2.02	1.81/0.21	1.36	1.39
	3	2.93	2.07/0.86	1.48	1.51
	4	0.86	0.86/0.00	1.30	1.33
	5	6.76	6.29/0.47	1.34	1.37
	6	0.61	0.61/0.00	1.30	1.33
	6	0.91	0.91/0.00	1.30	1.33
7810	1	5.39	5.24/0.15	1.32	1.35
	2	3.29	3.29/0.00	1.30	1.33
	3	3.37	3.24/0.13	1.32	1.35
	3	0.65	0.54/0.11	1.40	1.43

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Drill Hole	Seam	True Thickness of Mining Sect.	Coal/Rock	Raw Specific Gravity	Plant Feed-Specific Gravity
7812	1	6.86	6.06/0.80	1.37	1.40
	2	2.98	2.98/0.00	1.30	1.33
	3	0.70	0.70/0.00	1.30	1.33
	6	3.04	1.74/1.30	1.56	1.59
	6	1.63	1.61/0.02	1.31	1.34
	7	0.58	0.58/0.00	1.30	1.33
	8	1.00	1.00/0.00	1.30	1.33
7814	*	1.06	1.06/0.00	1.30	1.33
	2	1.50	1.20/0.30	1.42	1.45
	1	3.06	2.63/0.43	1.38	1.41
	*	0.50	0.50/0.00	1.30	1.33
	2	1.03	0.83/0.20	1.42	1.45
	2	1.34	1.08/0.26	1.42	1.45
	*	0.64	0.64/0.00	1.30	1.33
	3	0.70	0.70/0.00	1.30	1.33
	4	1.18	0.91/0.27	1.44	1.47
	5	5.20	4.24/0.96	1.41	1.44
	6	1.80	1.56/0.24	1.38	1.41
	7	0.59	0.52/0.07	1.37	1.40
	8	3.43	2.38/1.05	1.48	1.51
	8	0.55	0.51/0.04	1.34	1.37
	9	0.64	0.64/0.00	1.30	1.33
7816	1	1.06	1.06/0.00	1.30	1.33
	1	0.80	0.63/0.17	1.43	1.46
	1	0.52	0.52/0.00	1.30	1.33
	1	3.53	3.09/0.44	1.37	1.40
	2	0.50	0.50/0.00	1.30	1.33
	3	1.76	1.61/0.15	1.35	1.38
	5	6.44	5.15/1.29	1.42	1.45
	6	3.16	2.10/1.06	1.50	1.53
	8	1.82	1.70/0.12	1.34	1.37
	8	0.54	0.54/0.00	1.30	1.33

* Coal Stringer

APPENDIX 3.4

PLANT FEED STRIP RATIO CALCULATIONS

BELCOURT PROJECT 1978
Plant Feed Strip Ratio Calculations

Pit: OMEGA - Case A

$$\text{Plant Feed Strip Ratio} = \frac{\text{Total Volume - Plant Feed Volume}}{\text{Wet Plant Feed}}$$

Section	Area of Pit in Section (M^2)	Section Influence (M)	Total Volume ($\times 10^6$ M^3)	Plant Feed Volume ($\times 10^6$ M^3)	Wet Plant Feed ($\times 10^6$ tonnes)	Strip Ratio
T7802A	45,600	870	39.67	2.22	3.26	11.49
T7803	37,400	625	23.38	1.33	1.94	11.35
T7803	20,200	550	11.11	1.30	1.88	5.20
T7803A	47,588	500	23.79	1.24	1.81	12.43
T7803A	29,200	500	14.60	1.50	2.18	5.99
T7803B	32,400	550	17.82	1.08	1.58	10.62
T7803B	53,400	450	24.03	1.06	1.55	14.86
T7803B	63,800	450	28.71	1.89	2.75	9.76
T7803C	39,000	250	9.86	0.69	1.01	9.08
T7803C	44,650	250	11.16	0.68	1.00	10.52
T7803C	81,300	250	20.32	1.18	1.72	11.11
T7804	51,700	300	15.51	1.12	1.64	8.80
T7804	24,400	300	7.32	0.62	0.91	7.39
T7804	68,300	300	20.49	1.26	1.84	10.47
T7804A	77,800	500	38.90	2.94	4.27	8.42
TOTALS			306.67	20.11	29.34	9.77*

* weighted average Plant Feed Strip Ratio

BELCOURT PROJECT 1978
Plant Feed Strip Ratio Calculations

Pit: OMEGA - Case B

$$\text{Plant Feed Strip Ratio} = \frac{\text{Total Volume - Plant Feed Volume}}{\text{Wet Plant Feed}}$$

Section	Area of Pit in Section (M^2)	Section Influence (M)	Total Volume ($\times 10^6 M^3$)	Plant Feed Volume ($\times 10^6 \cdot M^3$)	Wet Plant Feed ($\times 10^6$ tonnes)	Strip Ratio
T7802	38,300	650	24.9	1.52	2.22	10.53
T7802A	279,000	900	251.1	13.97	20.32	11.67
T7803	21,000	650	13.7	1.24	1.80	6.93
T7803	254,000	625	158.8	8.73	12.72	11.80
T7803A	328,000	500	164.0	9.32	13.66	11.32
T7803B	487,500	450	219.4	9.84	14.35	14.60
T7803C	427,500	250	106.9	5.52	8.04	12.60
T7804	383,800	300	115.1	6.33	9.20	11.82
T7804A	77,800	500	38.9	2.94	4.27	8.42
TOTALS			1,092.80	59.41	86.58	11.94*

*weighted average Plant Feed Strip Ratio

BELCOURT PROJECT 1978
Plant Feed Strip Ratio Calculations

Pit: PTARMIGAN

$$\text{Plant Feed Strip Ratio} = \frac{\text{Total Volume} - \text{Plant Feed Volume}}{\text{Wet Plant Feed}}$$

Section	Area of Pit in Section (M^2)	Section Influence (M)	Total Volume ($\times 10^6$ M^3)	Plant Feed Volume ($\times 10^6$ M^3)	Wet Plant Feed ($\times 10^6$ tonnes)	Strip Ratio
T7804B	53,400	500	26.7	1.63	2.38	10.54
T7805	137,900	450	62.1	5.56	8.16	6.93
T7805A	364,400	550	200.4	10.00	14.57	13.06
T7805B	63,000	500	31.5	1.61	2.35	12.74
T7806	65,000	500	32.5	2.07	3.03	10.04
T7806A	58,000	500	29.0	2.00	2.92	9.26
		TOTALS	382.2	22.87	33.41	10.76*

*weighted average Plant Feed Strip Ratio

BELCOURT PROJECT 1978
Plant Feed Strip Ratio Calculations

Pit: HOLTSLANDER NORTH - Case A

$$\text{Plant Feed Strip Ratio} = \frac{\text{Total Volume - Plant Feed Volume}}{\text{Wet Plant Feed}}$$

Section	Area of Pit in Section (M^2)	Section Influence (M)	Total Volume ($\times 10^6$ M^3)	Plant Feed Volume ($\times 10^6 \cdot M^3$)	Wet Plant Feed ($\times 10^6$ tonnes)	Strip Ratio
T7822	142,500	700	99.75	6.12	9.16	10.22
T7822A	127,500	500	63.75	3.98	5.92	10.09
T7822B	588,800	450	264.96	14.03	21.04	11.93
T7823	331,250	500	165.63	9.93	14.80	10.52
T7823A	33,125	315	10.43	0.90	1.32	7.25
TOTALS			604.52	34.96	52.24	10.90*

*weighted average Plant Feed Strip Ratio

BELCOURT PROJECT 1978
Plant Feed Strip Ratio Calculations

Pit: HOLTSLANDER NORTH - Case B

$$\text{Plant Feed Strip Ratio} = \frac{\text{Total Volume - Plant Feed Volume}}{\text{Wet Plant Feed}}$$

Section	Area of Pit in Section (M^2)	Section Influence (M)	Total Volume ($\times 10^6 M^3$)	Plant Feed Volume ($\times 10^6 M^3$)	Wet Plant Feed ($\times 10^6$ tonnes)	Strip Ratio
T7821A	202,500	850	172.12	9.39	14.06	11.58
T7822	142,500	625	89.06	5.80	8.67	9.61
T7822A	127,500	500	63.75	3.98	5.92	10.09
T7822B	588,800	450	264.96	14.03	21.04	11.93
T7823	331,250	500	165.63	9.93	14.80	10.52
T7823A	33,125	315	10.43	0.90	1.32	7.25
TOTALS			765.96	44.03	65.81	10.97*

* weighted average Plant Feed Strip Ratio.

BELCOURT PROJECT 1978
Plant Feed Strip Ratio Calculations

Pit: RED DEER

$$\text{Plant Feed Strip Ratio} = \frac{\text{Total Volume - Plant Feed Volume}}{\text{Wet Plant Feed}}$$

Section	Area of Pit in Section (M^2)	Section Influence (M)	Total Volume ($\times 10^6$ M^3)	Plant Feed Volume ($\times 10^6$ M^3)	Wet Plant Feed ($\times 10^6$ tonnes)	Strip Ratio
T7827	582,500	695	404.84	17.29	25.48	15.21
T7827A	602,500	500	301.25	14.81	21.78	13.15
T7827B	225,500	480	108.24	7.83	11.47	8.75
T7827B	97,000	480	46.56	2.66	3.93	11.18
T7828	153,300	550	84.32	5.29	7.72	10.23
T7828	36,400	550	20.02	1.09	1.59	11.88
T7828A	67,500	500	33.75	1.66	2.41	13.31
T7828A	46,800	585	27.38	0.95	1.38	19.28
T7828B	64,200	450	28.89	1.64	2.41	11.29
T7829	17,500	485	8.49	0.59	0.88	8.99
TOTALS			1063.74	53.81	79.05	12.78*

*weighted average Plant Feed Strip Ratio

PR - BELCOURT 78 (3) B.

OPEN FILE

GEOLOGICAL BRANCH
ASSESSMENT REPORT

00 463

B E L C O U R T P R O J E C T

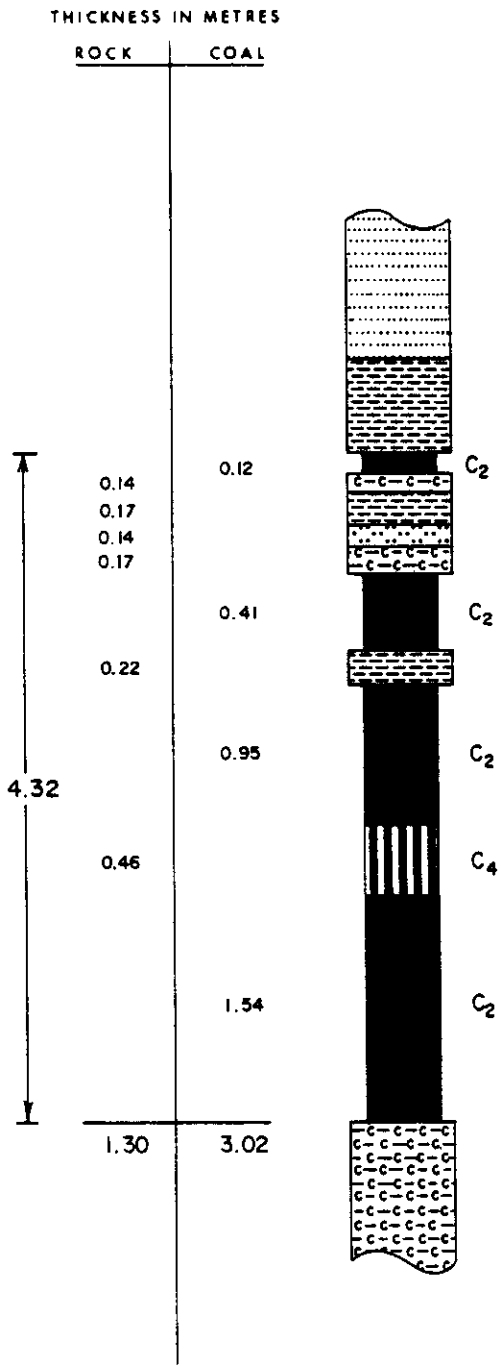
GEOLOGICAL REPORT

MARCH 1979

APPENDIX I

TRENCH LOGS

DENISON MINES LIMITED
COAL DIVISION
VANCOUVER, B.C.



LEGEND

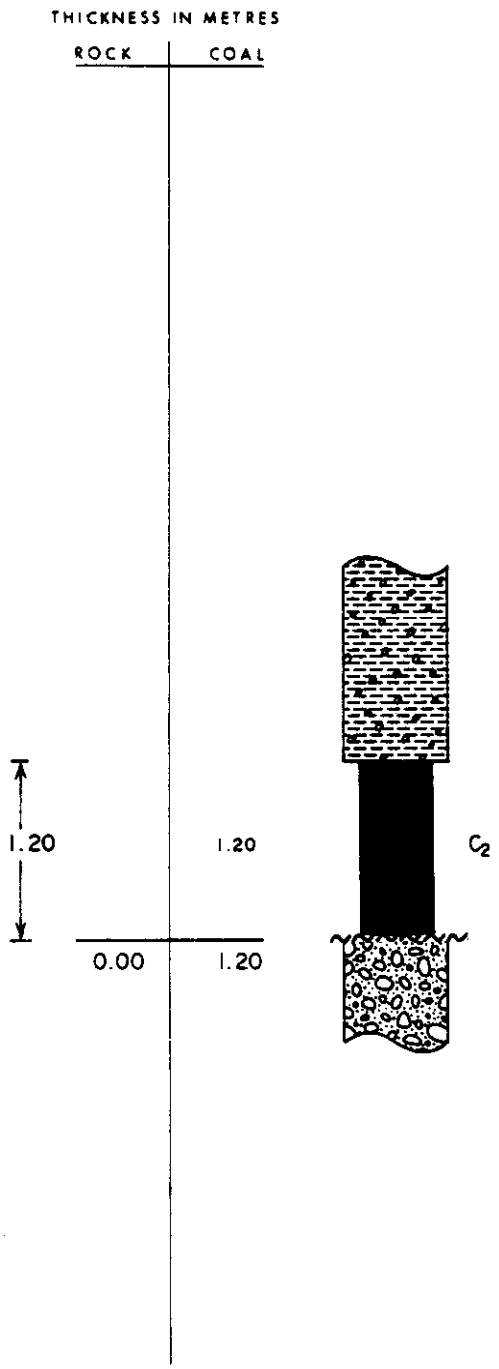
C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
} BASED ON VISUAL ESTIMATES

STONEY-BONEY > 31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
RDN-78-1

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR 78-0818-R01



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CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
RDN-78-4

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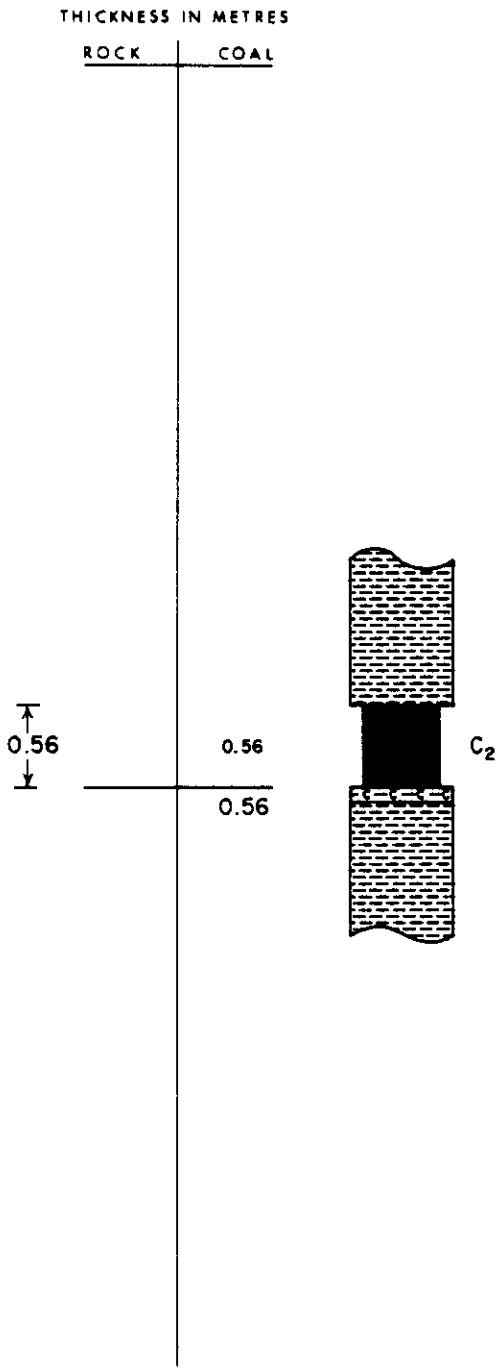

LEGEND

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- C_3 COAL 21 - 30 % ash

} BASED ON VISUAL ESTIMATES

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- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

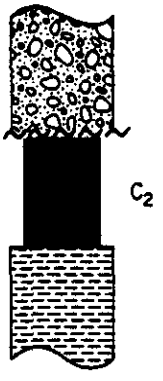
DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
RDN-78-6

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL
0.72	0.72
0.00	0.72



LEGEND

- C_1 COAL 0 - 10 % ash
- C_2 COAL 11 - 20 % ash
- C_3 COAL 21 - 30 % ash

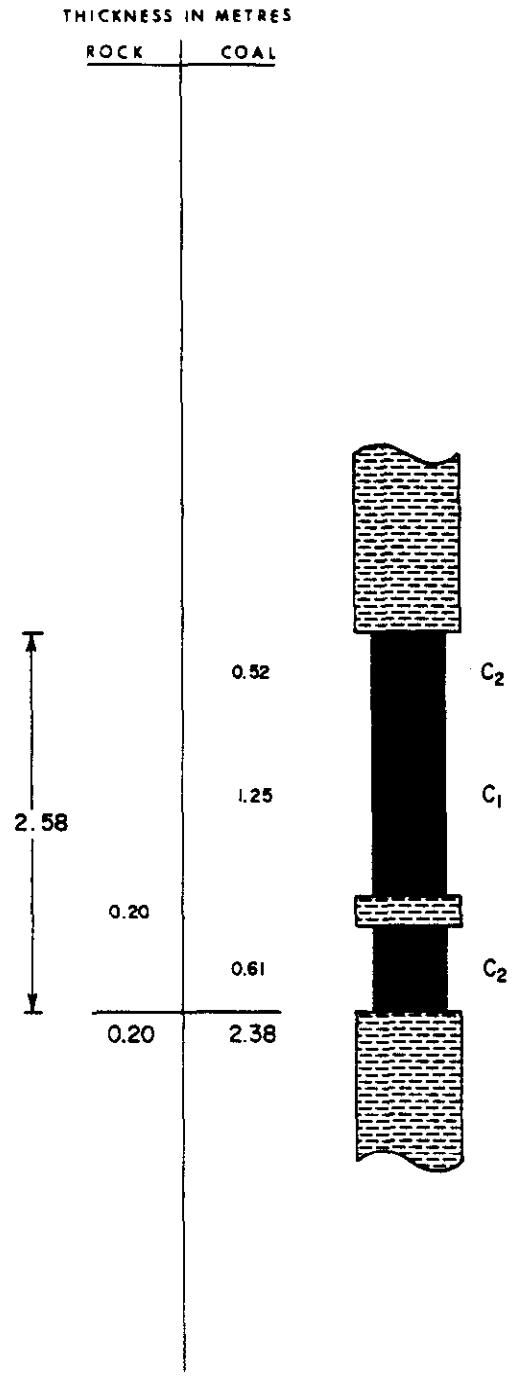
} BASED ON VISUAL ESTIMATES

- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
RDN-78-7

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
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} BASED ON VISUAL ESTIMATES

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
RDN-78-11

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR 78-0818-R01

THICKNESS IN METRES

ROCK	COAL
	0.18
0.11	
	0.49
0.11	0.67

0.78

LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

} BASED ON VISUAL ESTIMATES

- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
RDN-78-12

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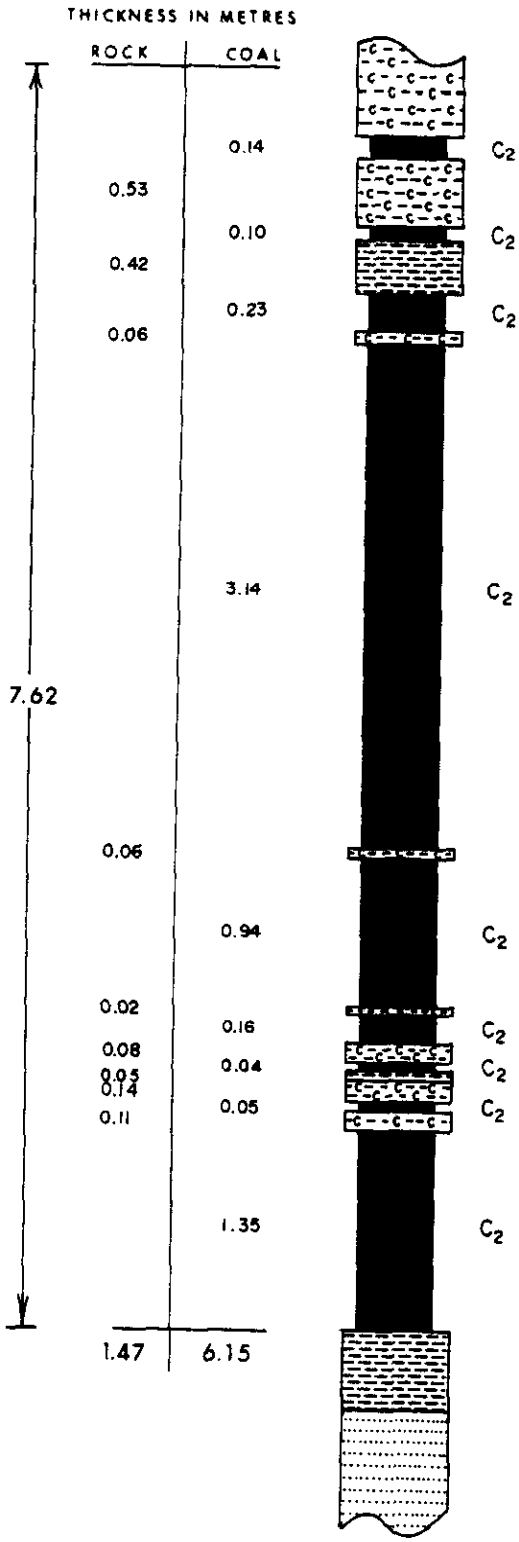

LEGEND

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C3 COAL 21 - 30% ash
BASED ON VISUAL ESTIMATES

STONEY-BONEY >31 % ash
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CLAYSTONE
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CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
RDS-78-1

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
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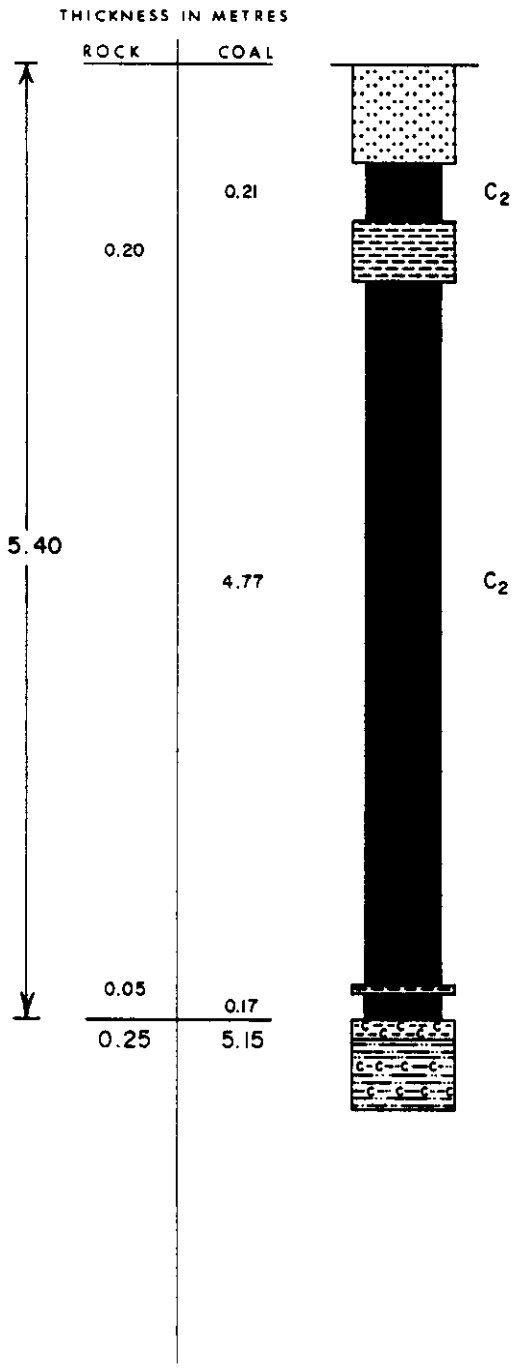

LEGEND

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} BASED ON VISUAL ESTIMATES

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CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
RDS - 78-2

SEE PAGE 5.

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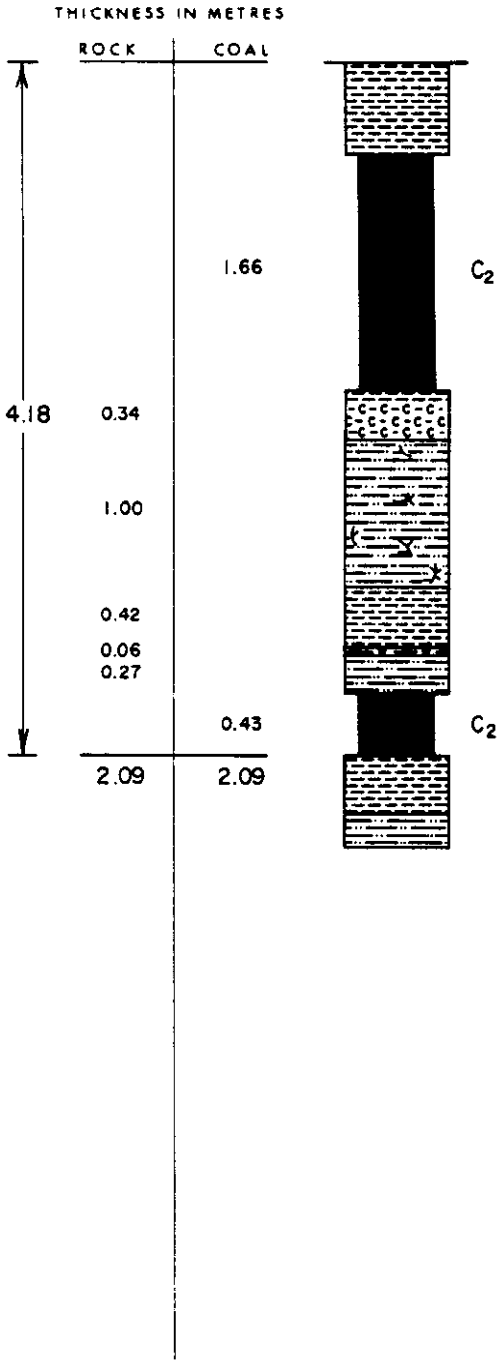

LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
} BASED ON VISUAL ESTIMATES

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
RDS-78-3

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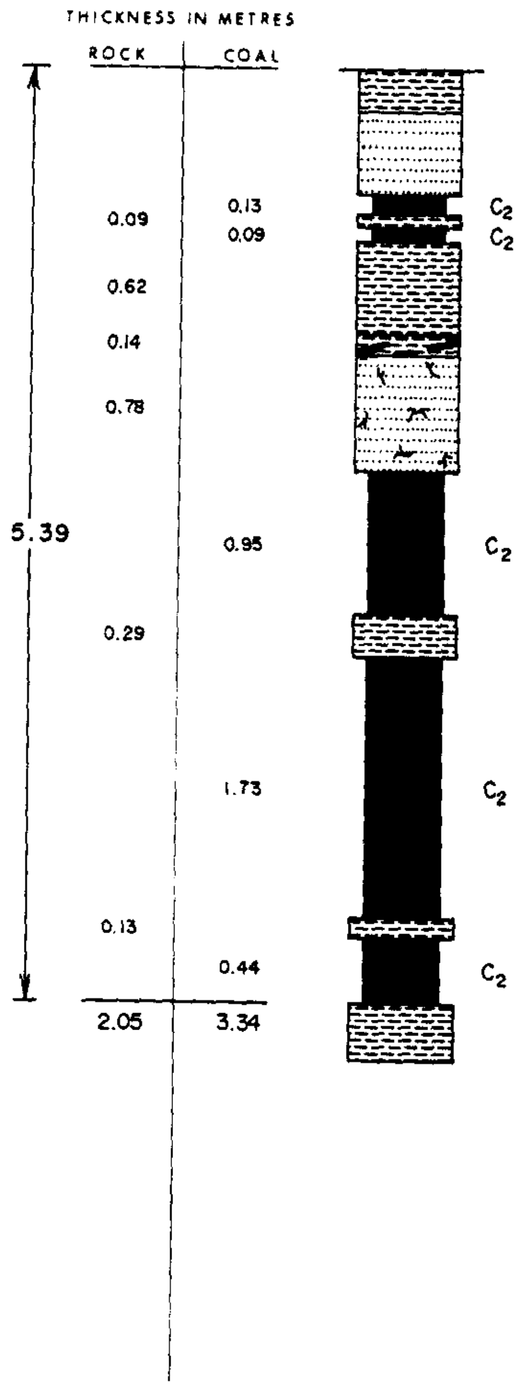

LEGEND

C1 COAL	0 - 10 % ash	BASED ON VISUAL ESTIMATES
C2 COAL	11 - 20 % ash	
C3 COAL	21 - 30 % ash	

- STONEY-BONEY > 31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
RDS-78-4

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50	
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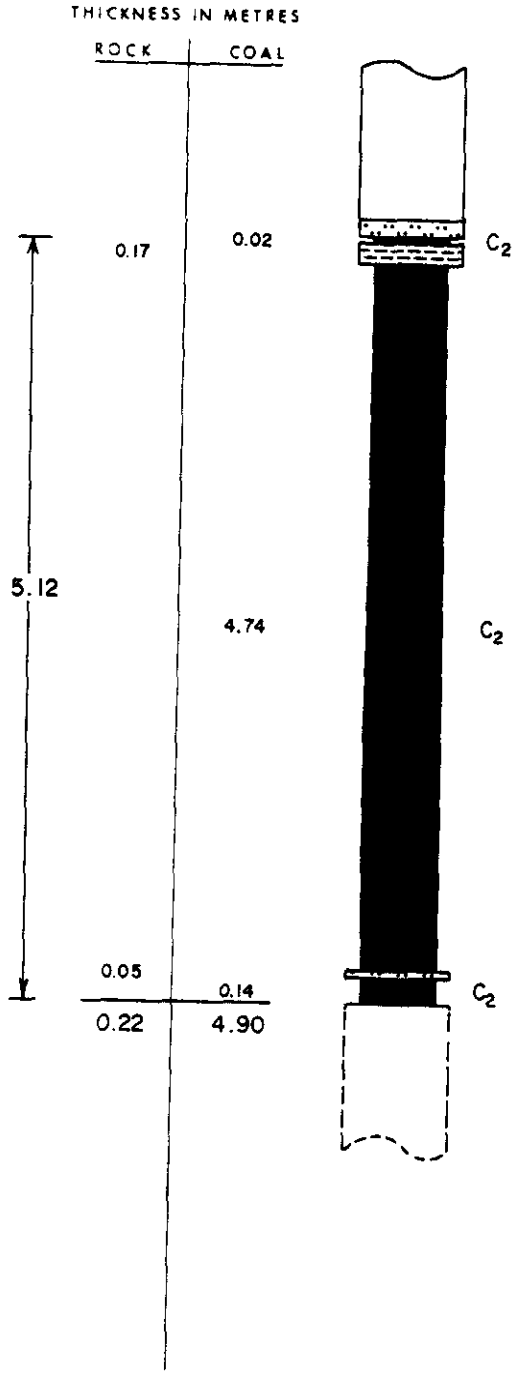

LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
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DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
RDS-78-5

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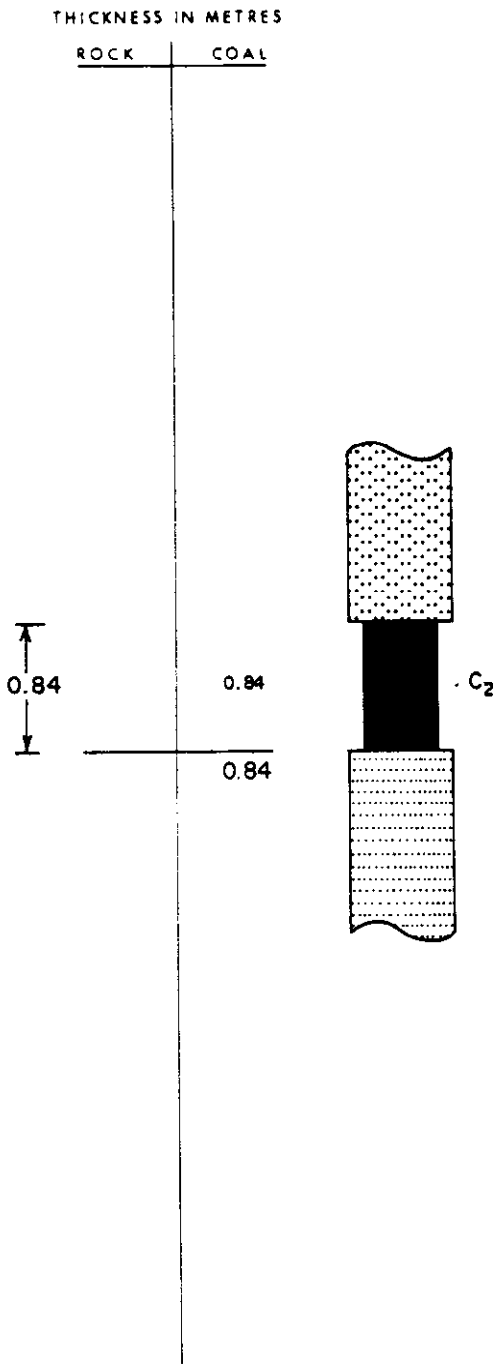

LEGEND

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- C_3 COAL 21 - 30 % ash

} BASED ON VISUAL ESTIMATES

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DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
RDS-78-6

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
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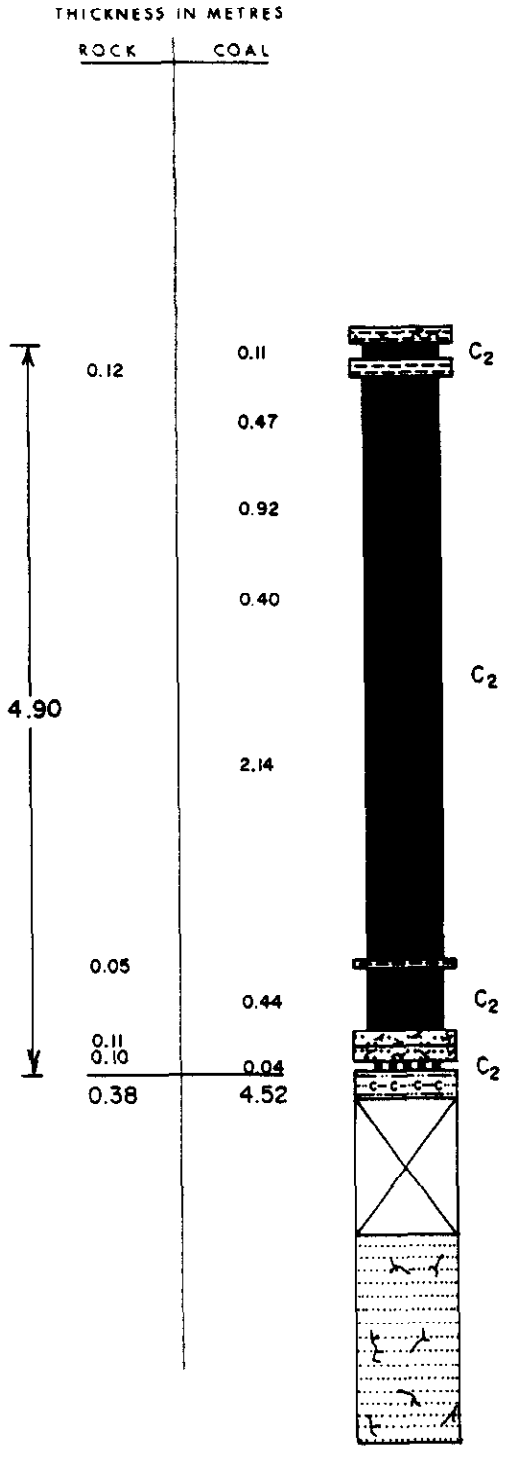

LEGEND

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SILTSTONE
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CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
RDS-78-7
See also 5

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PREPARED BY:	DATE:	DRAWING NUMBER
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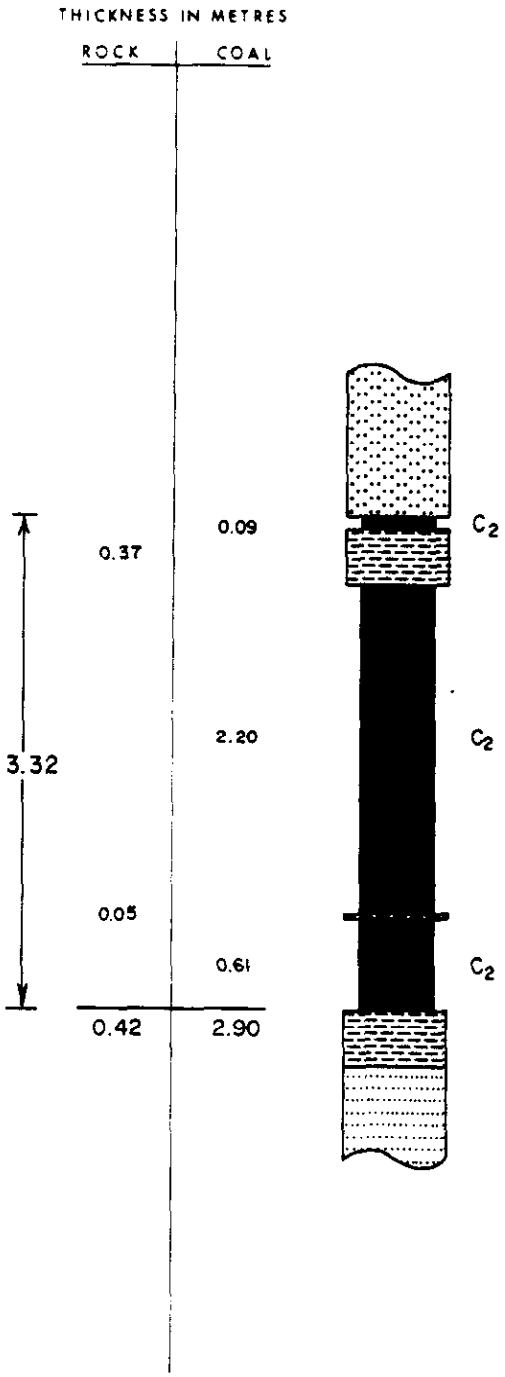

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DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
RDS-78-8

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
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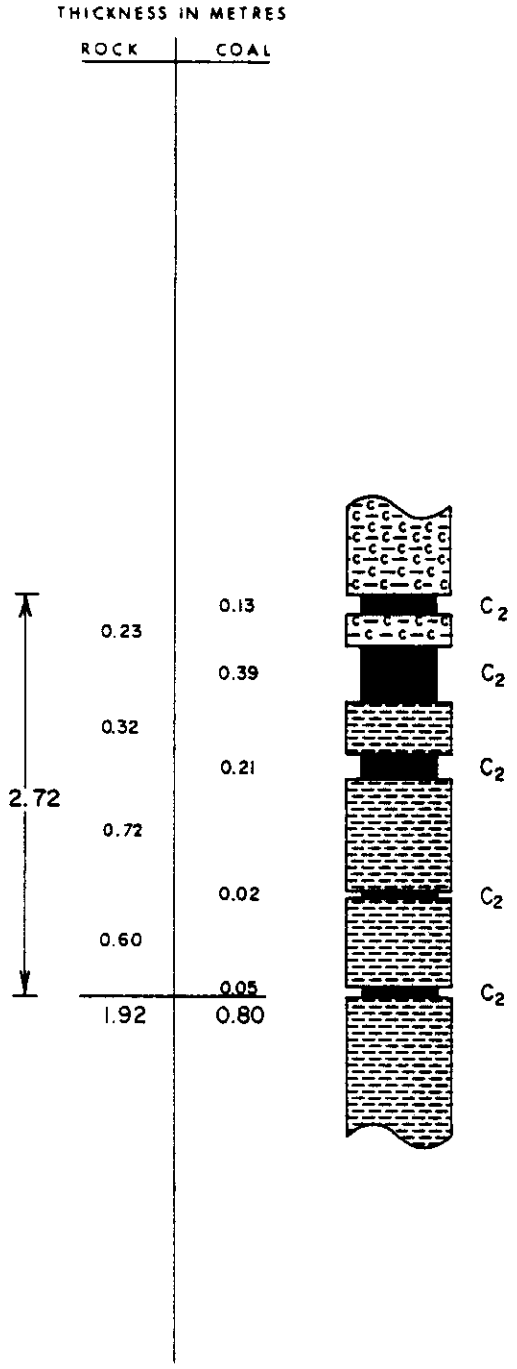

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CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
RDS-78-9

RCD DESIG S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
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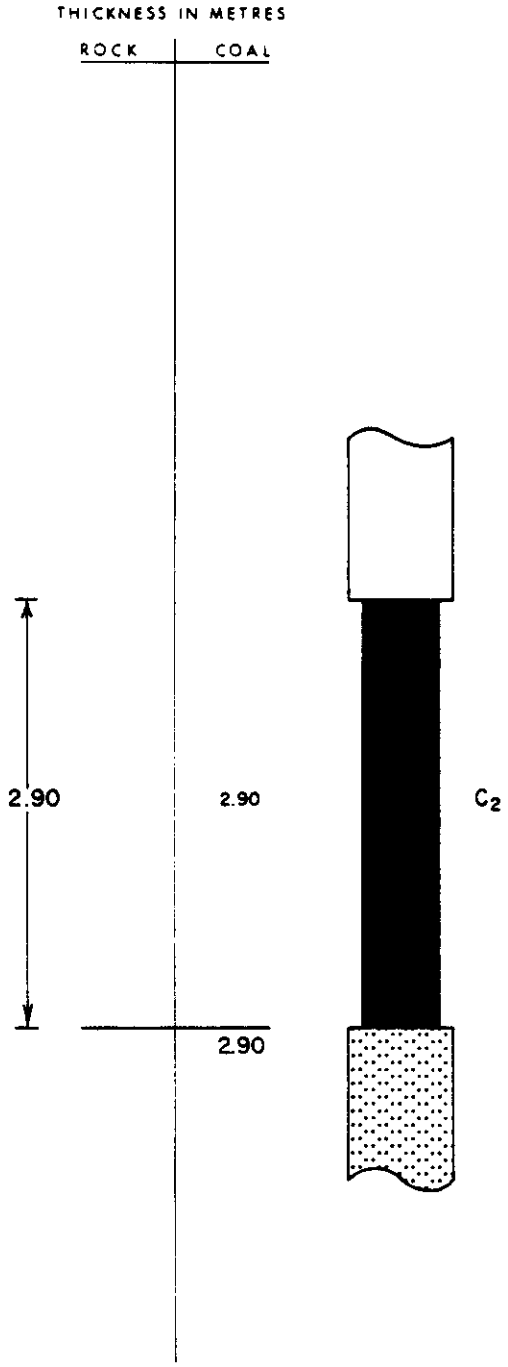
APPROVED BY:	DATE:	BLCR78-0818-R01



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VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
RDS-78-10

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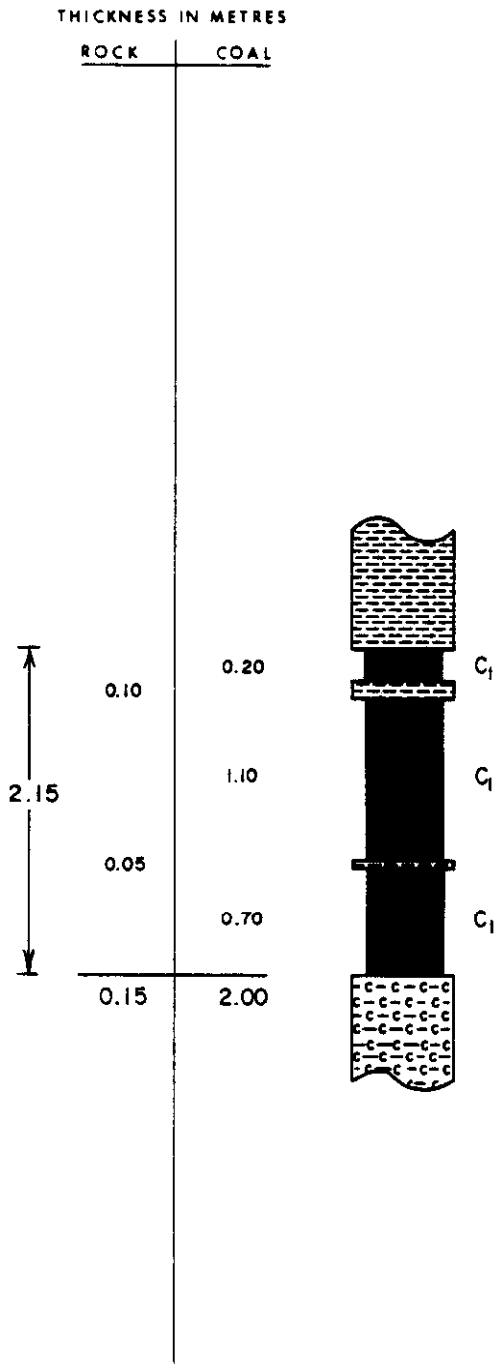

LEGEND

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- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

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- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
RDS-78-11

see page 2

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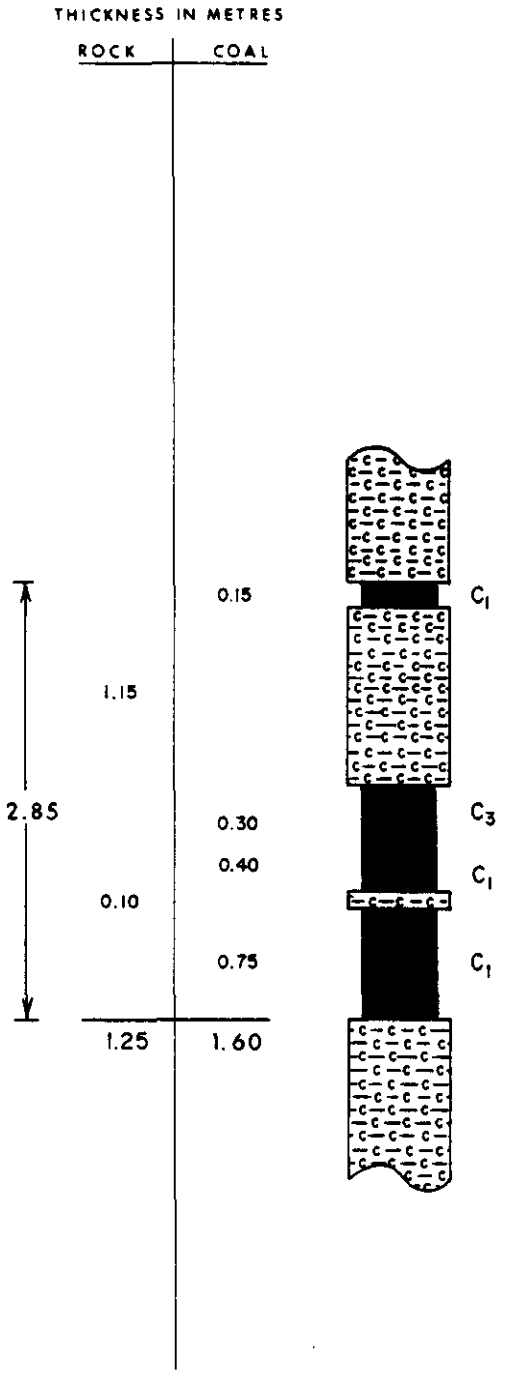

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SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
RDS-78-12

See page 5

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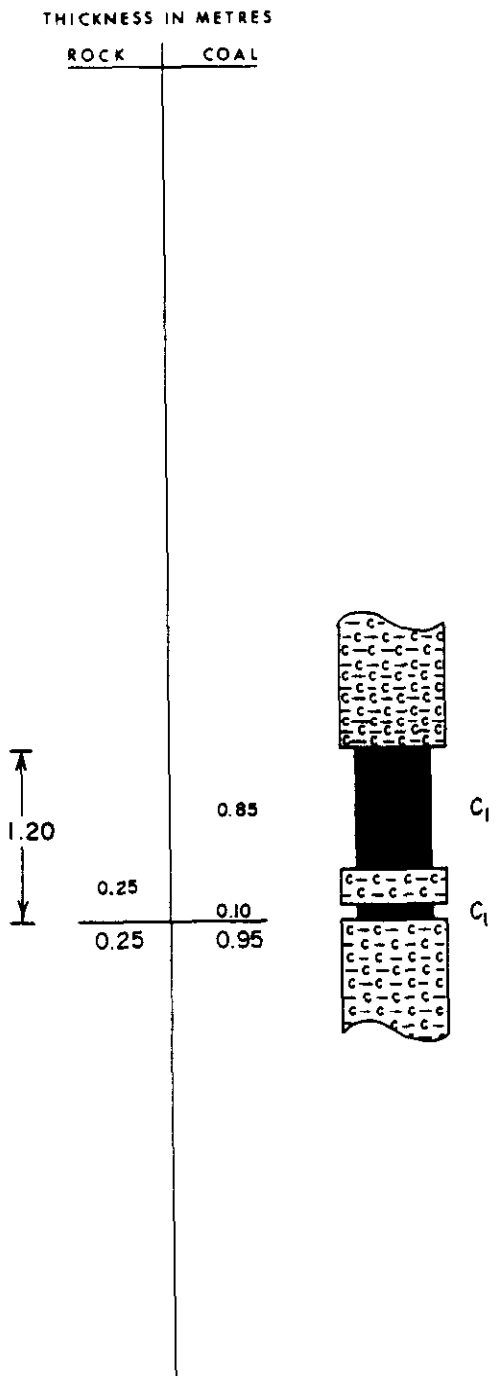
APPROVED BY:	DATE:	BLCR 78-0818-R01



LEGEND

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- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

} BASED ON VISUAL ESTIMATES

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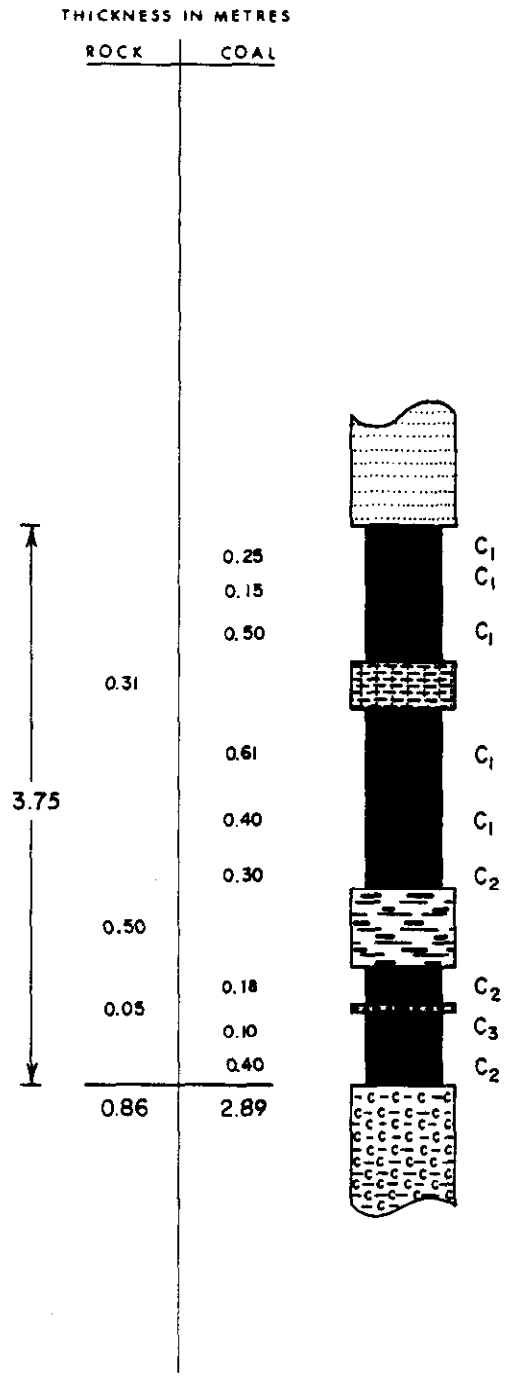
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
RDS-78-13

RED PEER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

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C3 COAL 21 - 30 % ash
} BASED ON VISUAL ESTIMATES

STONEY-BONEY > 31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

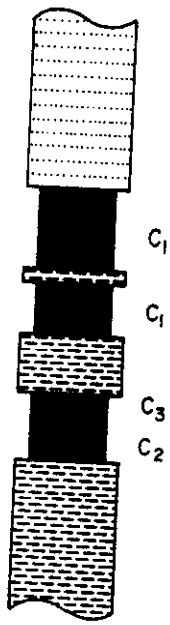
1978
BELCOURT TRENCH DETAIL
RDS-78-14

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR 78-0818-R01

THICKNESS IN METRES

ROCK	COAL
	0.55
0.10	
	0.32
0.40	
	0.10
	0.35
0.50	1.32

1.82



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DENISON MINES LIMITED
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VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
RDS-78-15

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
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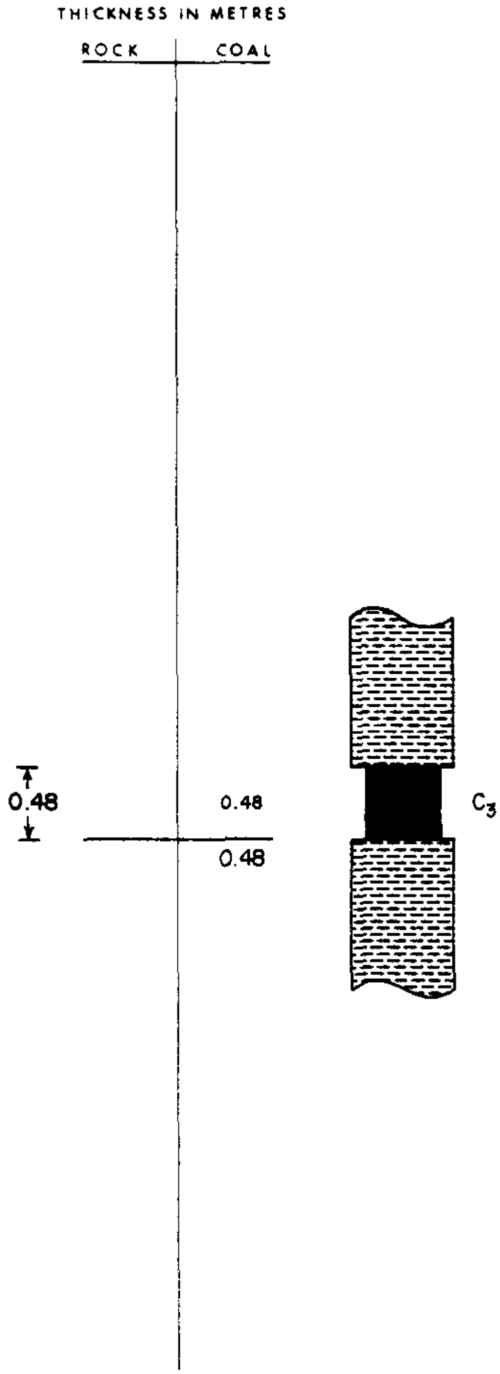
APPROVED BY:	DATE:	



LEGEND

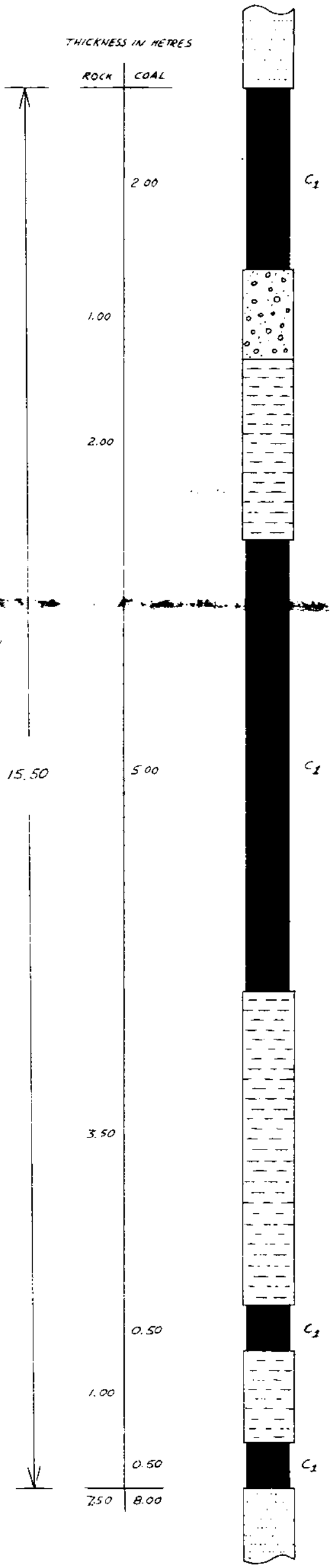
C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash — BASED ON VISUAL ESTIMATES
C3 COAL 21 - 30 % ash

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
RDS-78-17
RED DEER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR 78 - 0818 - R01



LEGEND

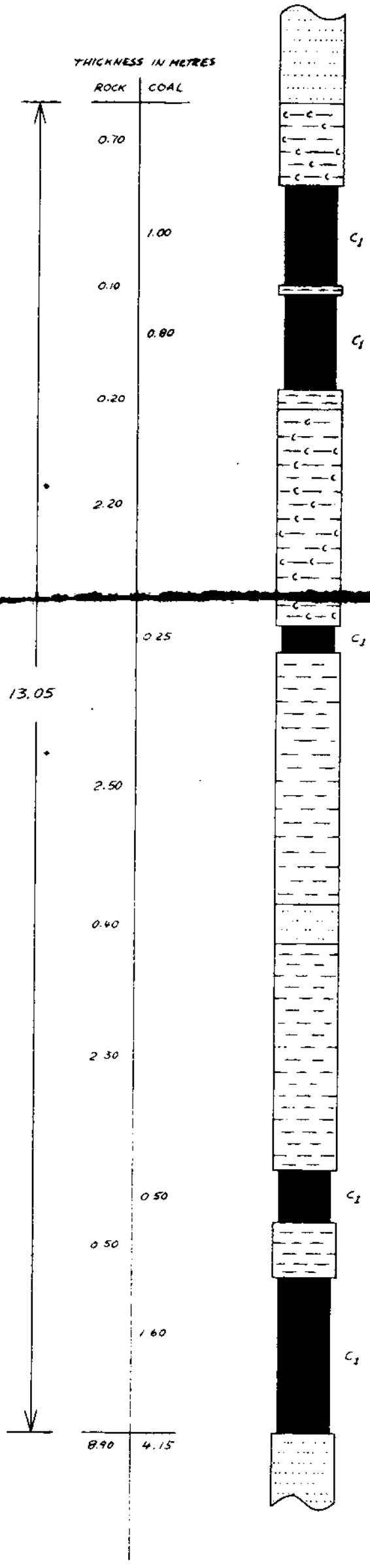
C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
COAL DIVISION
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HN-78-1
HOLTSLANDER N

DRAWN BY A Z	DATE Nov 78	SCALE 1:50	
PREPARED BY	DATE	DRAWING NUMBER	
APPROVED BY	DATE	BLCR78-0818-R01	



LEGEND

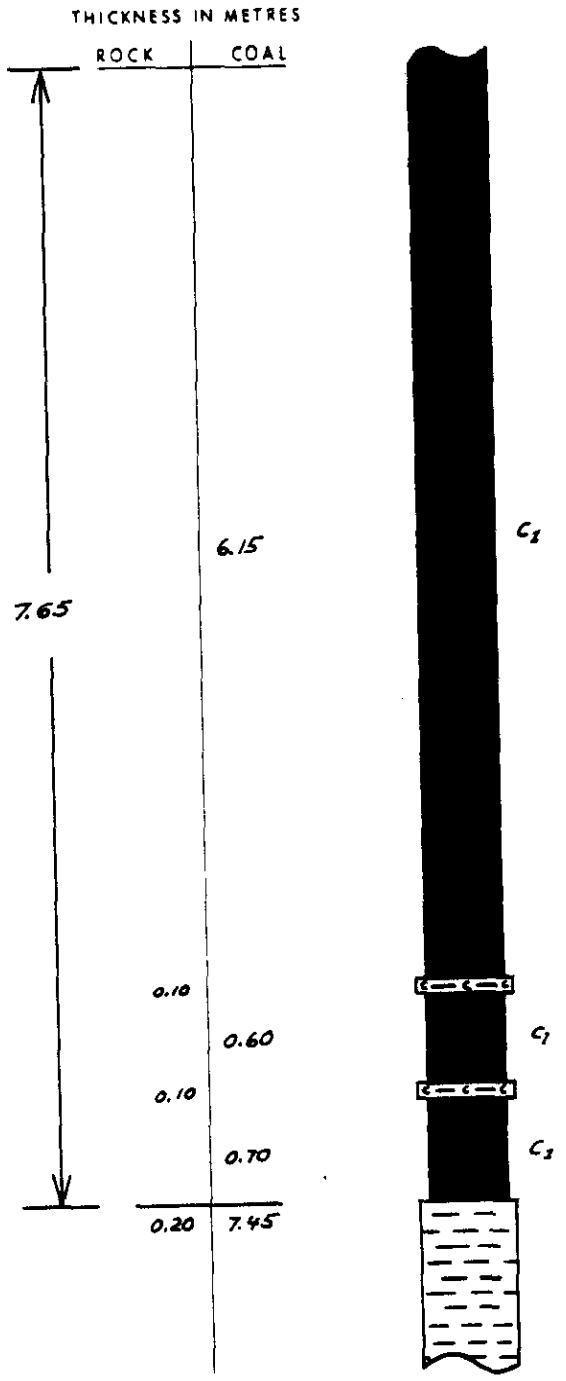
C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash

STONEY BONEY >31% ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HN-78-2
HOLTSLANDER N

DRAWN BY R.Z.	DATE Nov. 78	SCALE 1:50
PREPARED BY	DATE	DRAWING NUMBER
APPROVED BY	DATE	BLCR 78-0818-R01



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

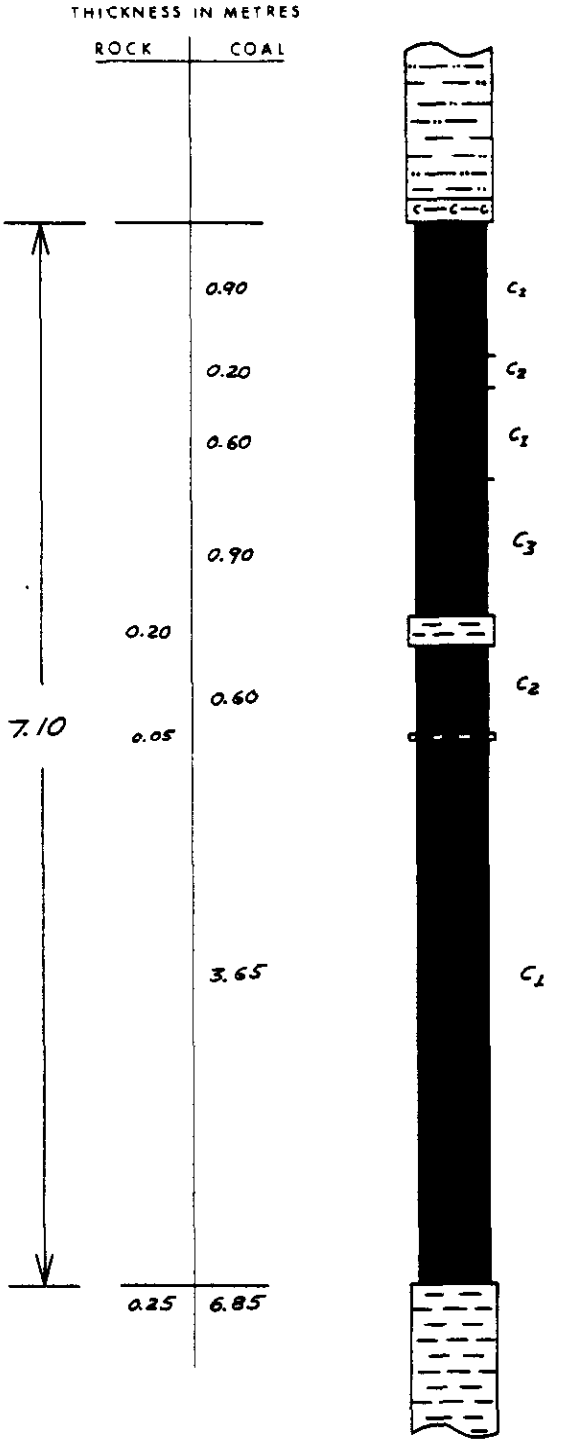
} BASED ON VISUAL ESTIMATES

- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HN-78-3
HOLTSLANDER N.

DRAWN BY: R.Z.	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

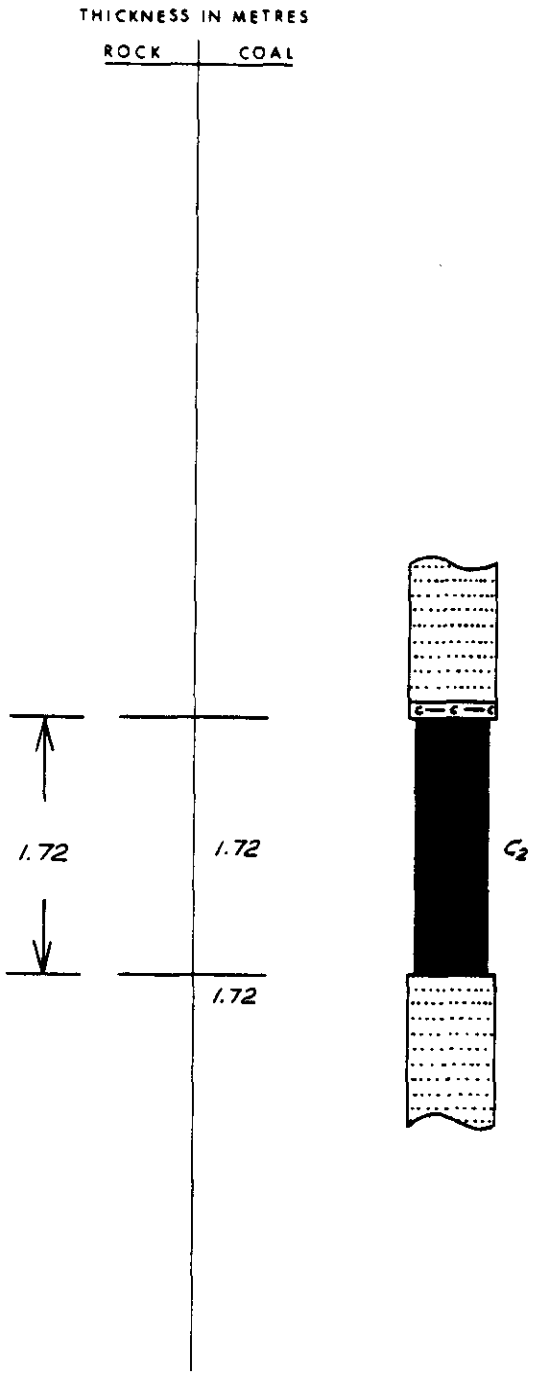
} BASED ON VISUAL ESTIMATES

- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HN-78-4
HOLTSLANDER N.

DRAWN BY: R.Z.	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR 78-0818-R01



LEGEND

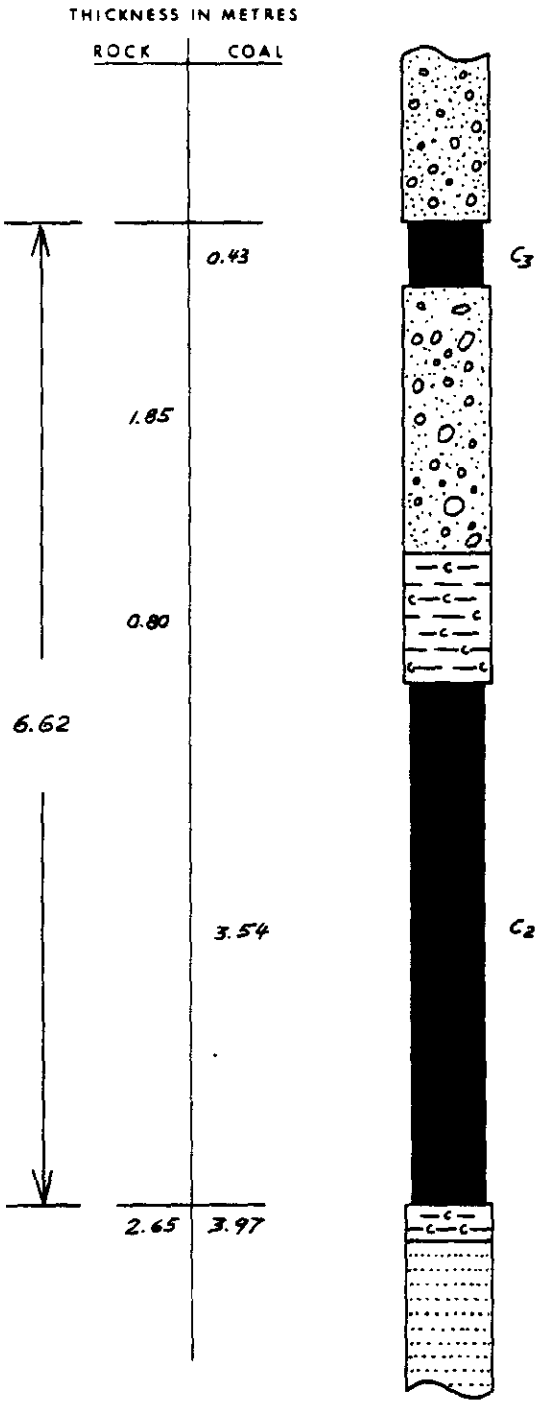
C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
} BASED ON VISUAL ESTIMATES

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HN-78-8

DRAWN BY: R.Z.	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
} BASED ON VISUAL ESTIMATES

STONEY-BONEY > 31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

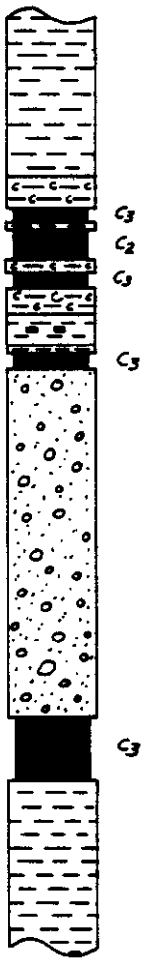
DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HN-78-9
HALTSLANDER N.

DRAWN BY: R.Z.	DATE: Nov. 78	SCALE: 1 : 50	
PREPARED BY:	DATE:	DRAWING NUMBER	
APPROVED BY:	DATE:	BLCR78-0818-R01	

THICKNESS IN METRES

ROCK	COAL
0.05	0.10
	0.20
0.10	0.10
0.18	
0.21	
0.05	0.10
3.87	
2.35	
	0.43
2.94	0.93



LEGEND

- C_1 COAL 0 - 10 % ash
- C_2 COAL 11 - 20 % ash
- C_3 COAL 21 - 30 % ash

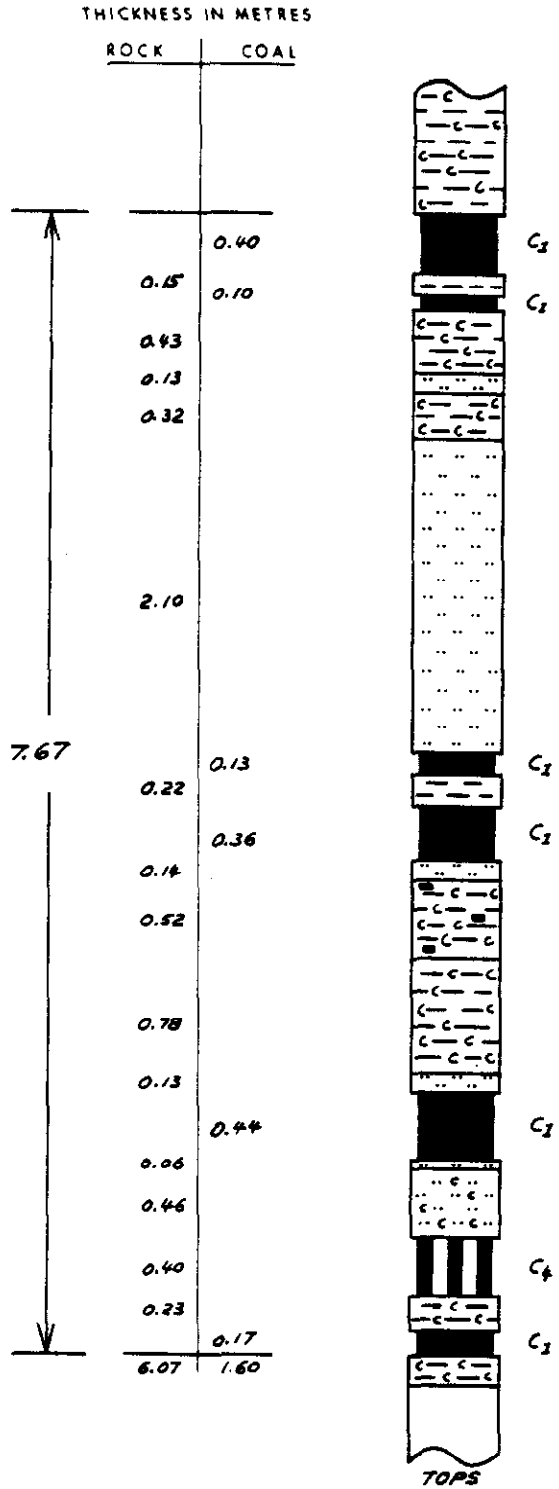
} BASED ON VISUAL ESTIMATES

- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HN-78-10
HOLTZ ANDER N.

DRAWN BY: R.Z.	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR 78-0818-R01



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

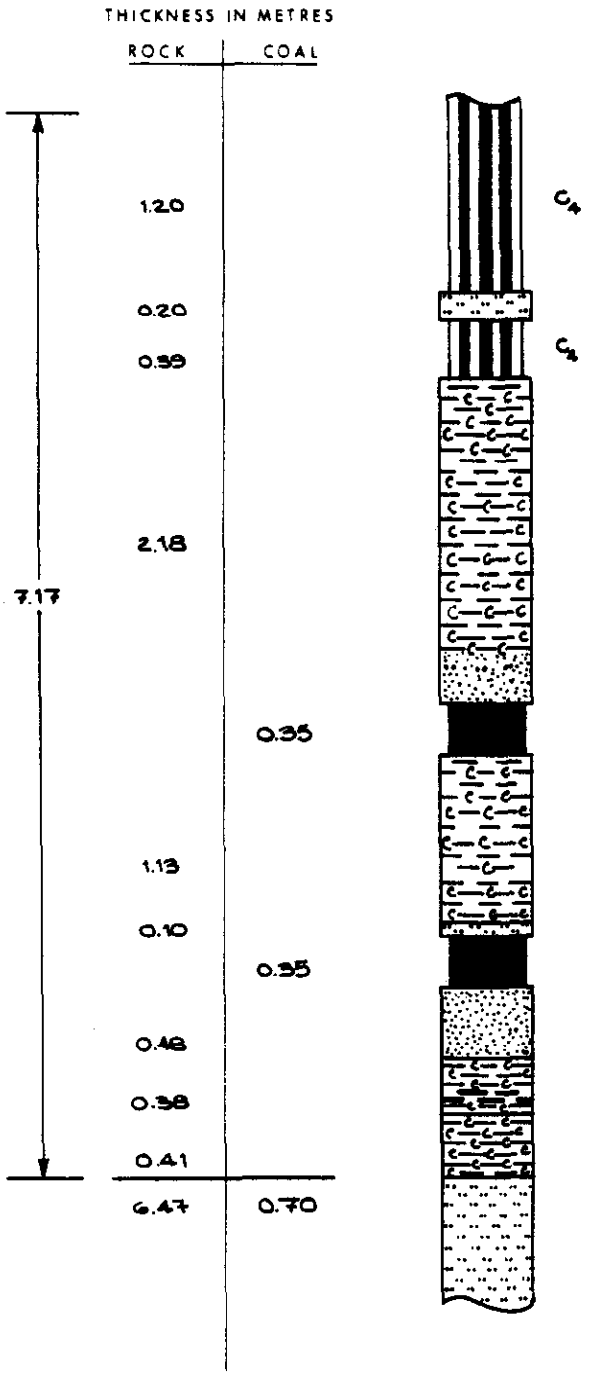
} BASED ON VISUAL ESTIMATES

- STONEY-BONEY > 31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HN-78-11

DRAWN BY: R.Z.	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

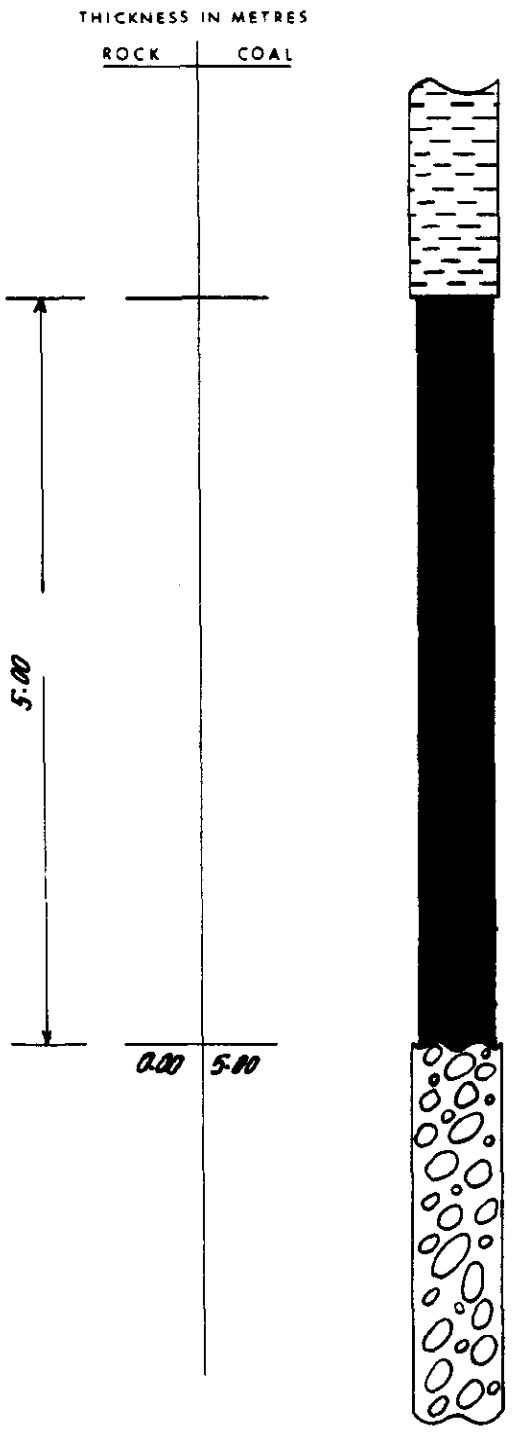
BASED ON VISUAL ESTIMATES

- STONEY-BONEY > 31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HN-78-13
HOLTSLANDER NORTH

DRAWN BY: J.H.	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
} BASED ON VISUAL ESTIMATES

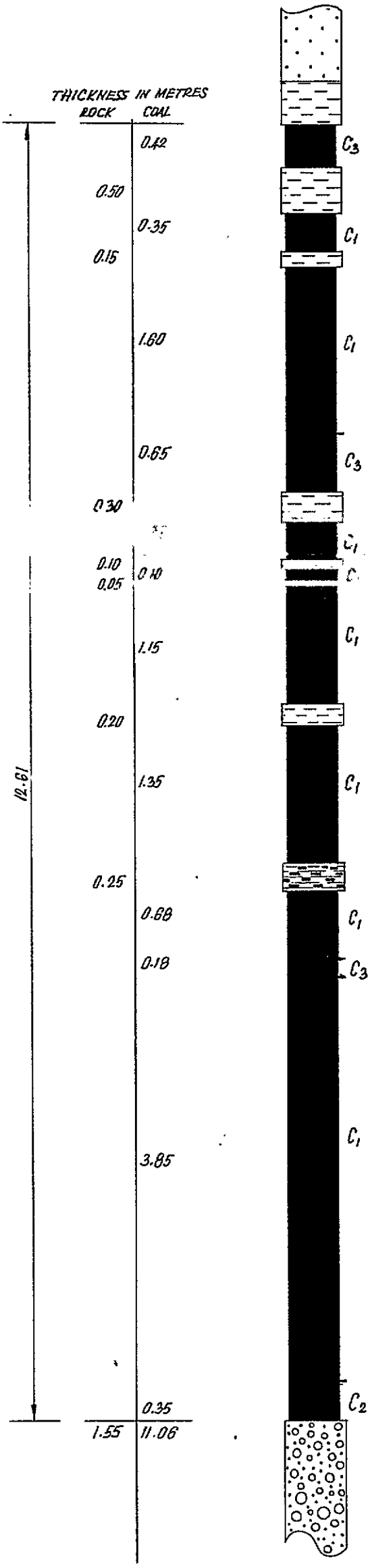
STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL

HS - 78 - 1
HEATHERMOOR S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL

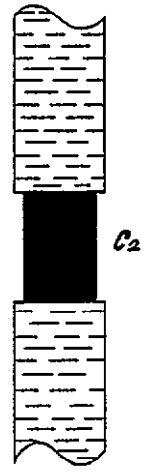
HS - 78 - 2

HOLTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL
0.72	0.72
0.00	0.72



LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
} BASED ON VISUAL ESTIMATES

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

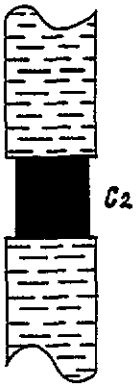
1978
BELCOURT TRENCH DETAIL
HS - 78 - 3
HOLTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL
	0.55
0.00	0.55

0.55



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

} BASED ON VISUAL ESTIMATES

- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

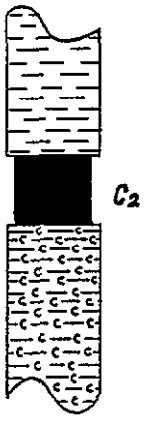
DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HS - 78 - 4
HOLTS LANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL
0.45	
	0.45
0.00	0.45



LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
} BASED ON VISUAL ESTIMATES

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

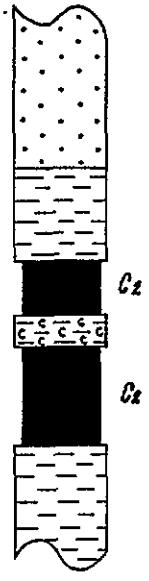
1978
BELCOURT TRENCH DETAIL
HS - 78 - 5

HOLT & ANDOE S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR 78-0818-R01

THICKNESS IN METRES

ROCK	COAL
1.20	0.35
	0.20
	0.65
0.20	1.00



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

} BASED ON VISUAL ESTIMATES

- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

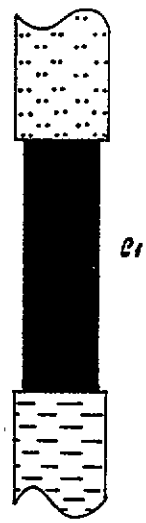
1978
BELCOURT TRENCH DETAIL

HS-78-6
NORTH ARROW

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL
1.65	1.65
0.00	1.65



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

} BASED ON VISUAL ESTIMATES

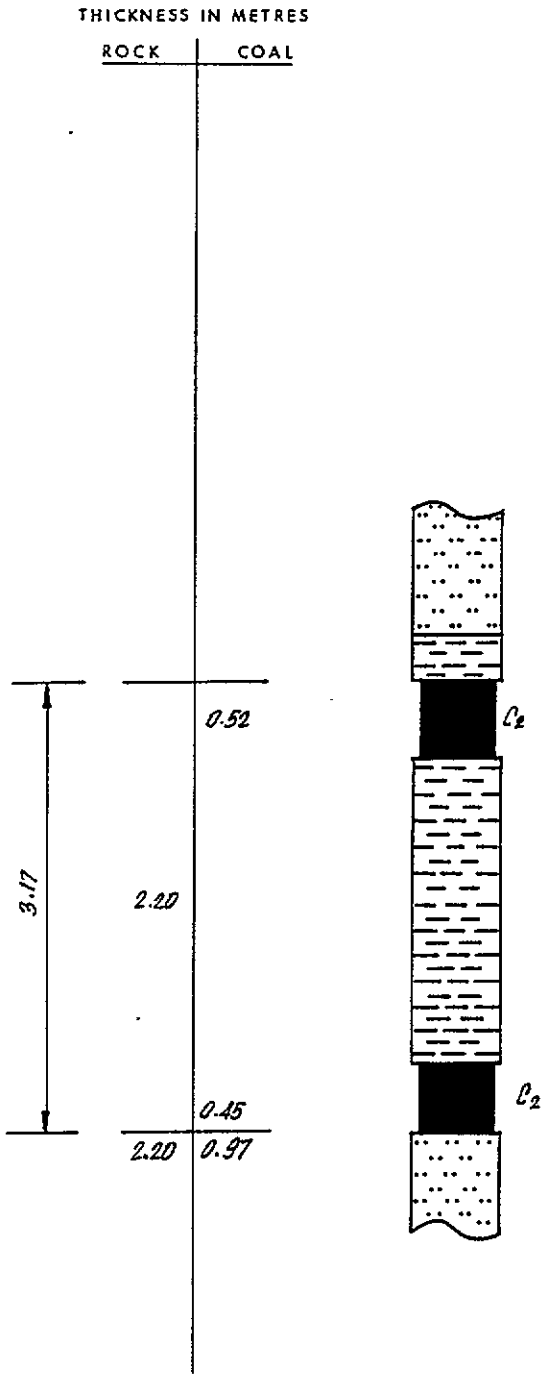
- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL

HS - 78 - 7
HOLTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

} BASED ON VISUAL ESTIMATES

- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

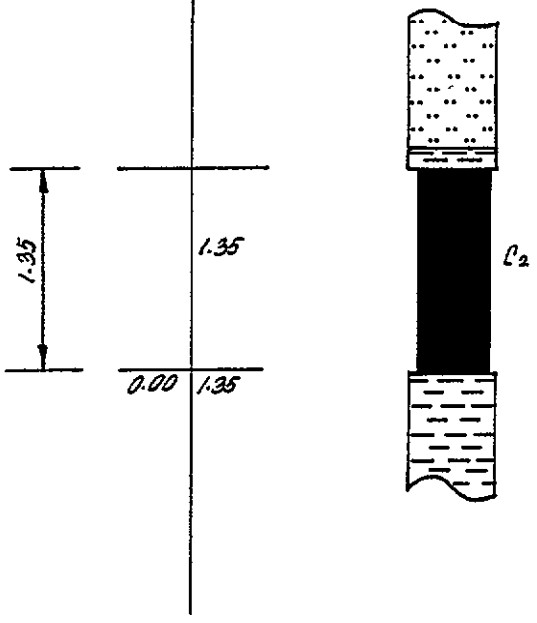
1978
BELCOURT TRENCH DETAIL
HS-78-8

HOLTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL



LEGEND

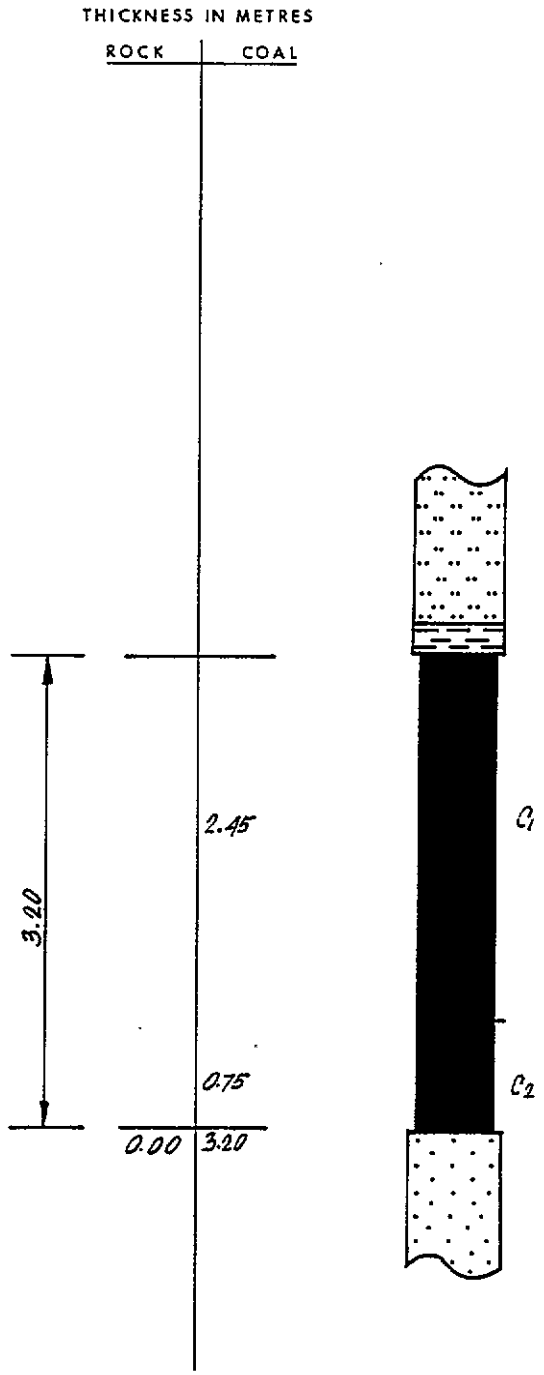
C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
} BASED ON VISUAL ESTIMATES

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HS - 78 - 9
HOLTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
BASED ON VISUAL ESTIMATES

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HS-78-10

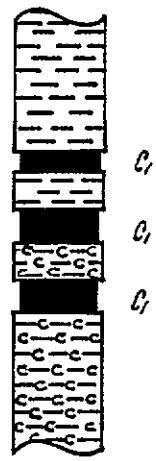
HOLTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL
	0.10
0.25	0.20
0.25	0.20
0.50	0.50

1.00



LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
} BASED ON VISUAL ESTIMATES

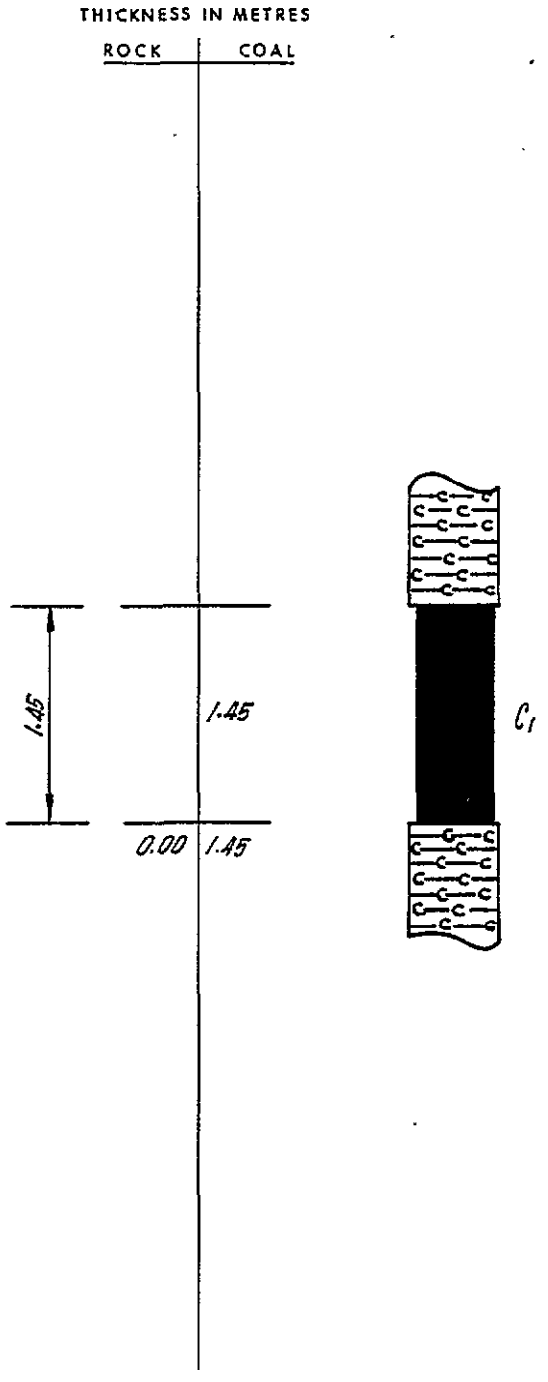
STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HS - 78 - 11

HALFSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

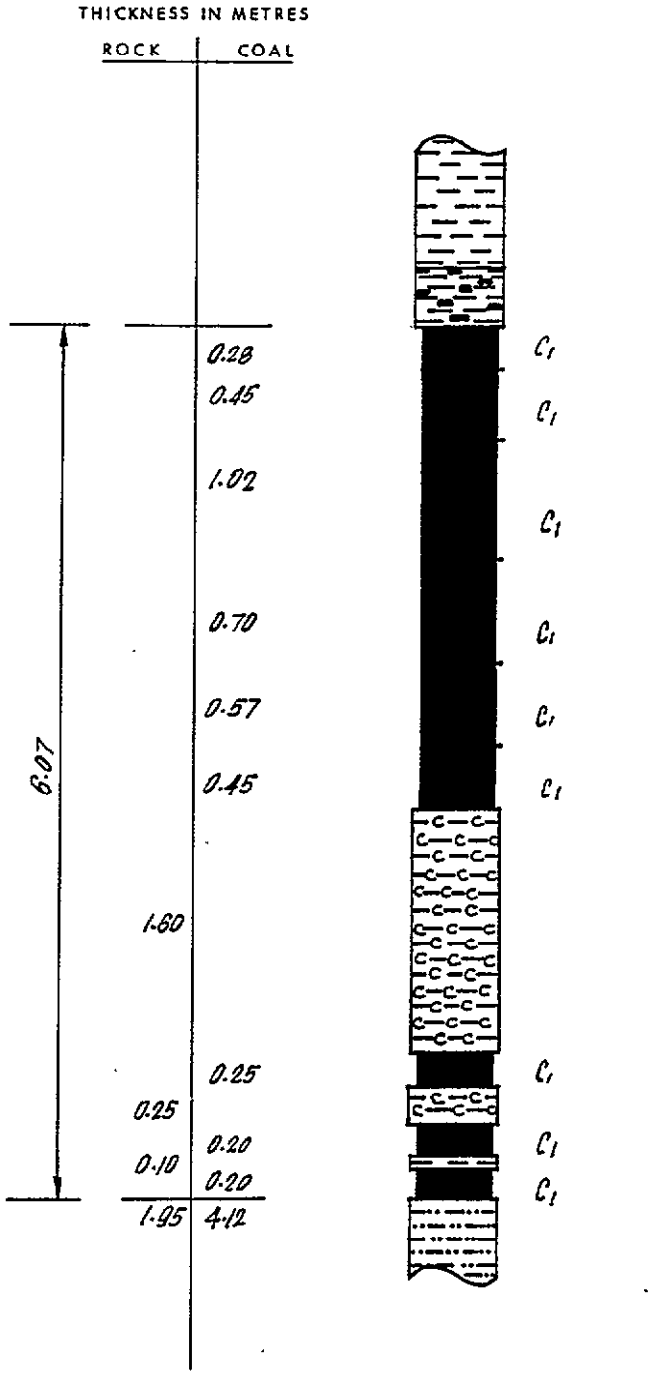
} BASED ON VISUAL ESTIMATES

- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HS-78-12
HOLTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1:50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

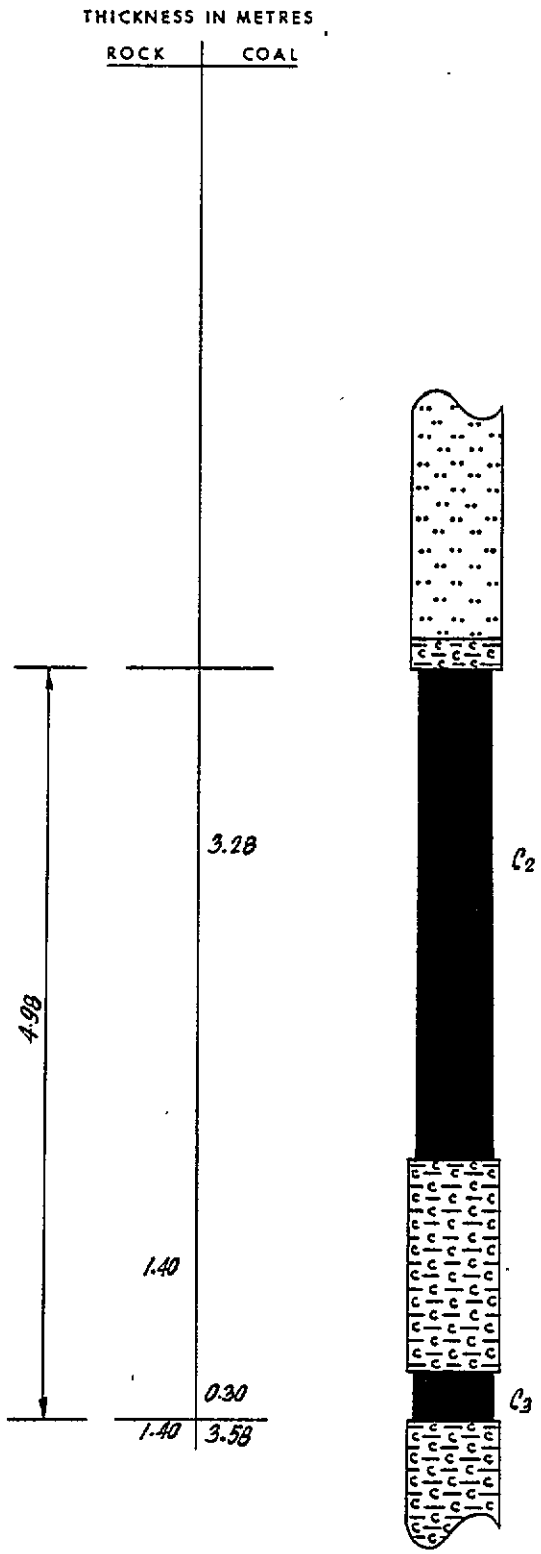
C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
BASED ON VISUAL ESTIMATES

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HS-78-13
HOITSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

BASED ON VISUAL ESTIMATES

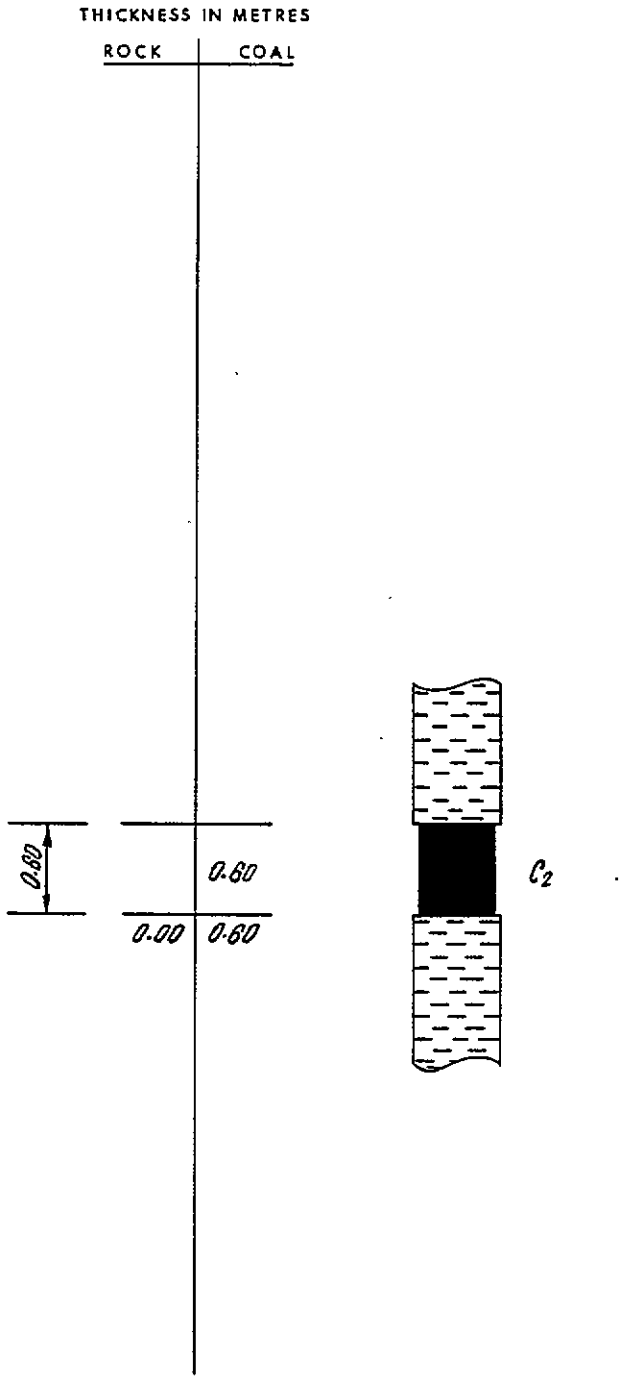
- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HS - 78 - 14

HOLTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
} BASED ON VISUAL ESTIMATES

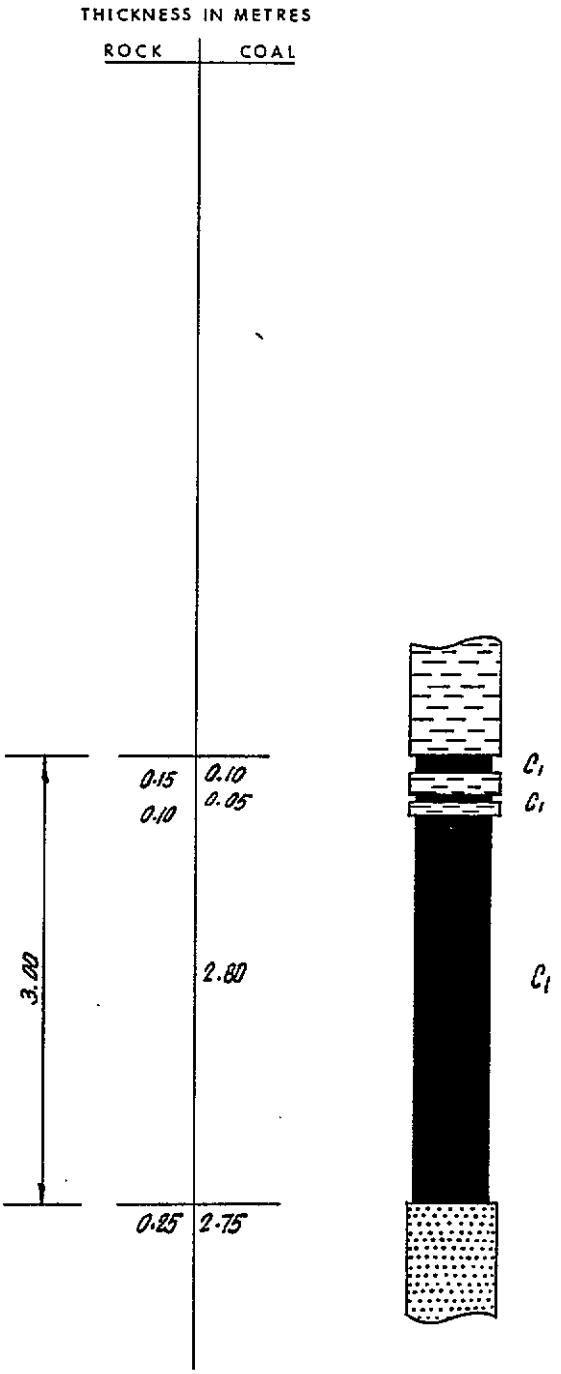
STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HS-78-15

HOLTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
} BASED ON VISUAL ESTIMATES

STONEY-BONEY >31% ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HS-78-16

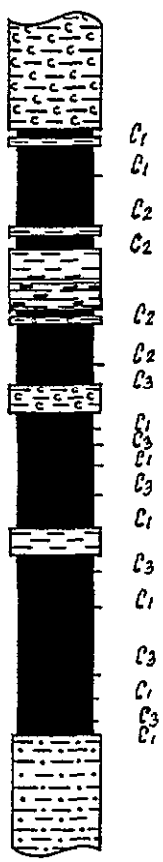
HOLTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL
	0.07
0.07	0.20
	0.32
0.05	0.08
0.20	
	0.20
0.04	0.05
	0.30
	0.13
0.20	
	0.10
	0.11
	0.17
	0.21
	0.19
0.18	
	0.10
	0.25
	0.45
	0.15
	0.15
	0.10
0.94	3.13

4.07



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

} BASED ON VISUAL ESTIMATES

- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
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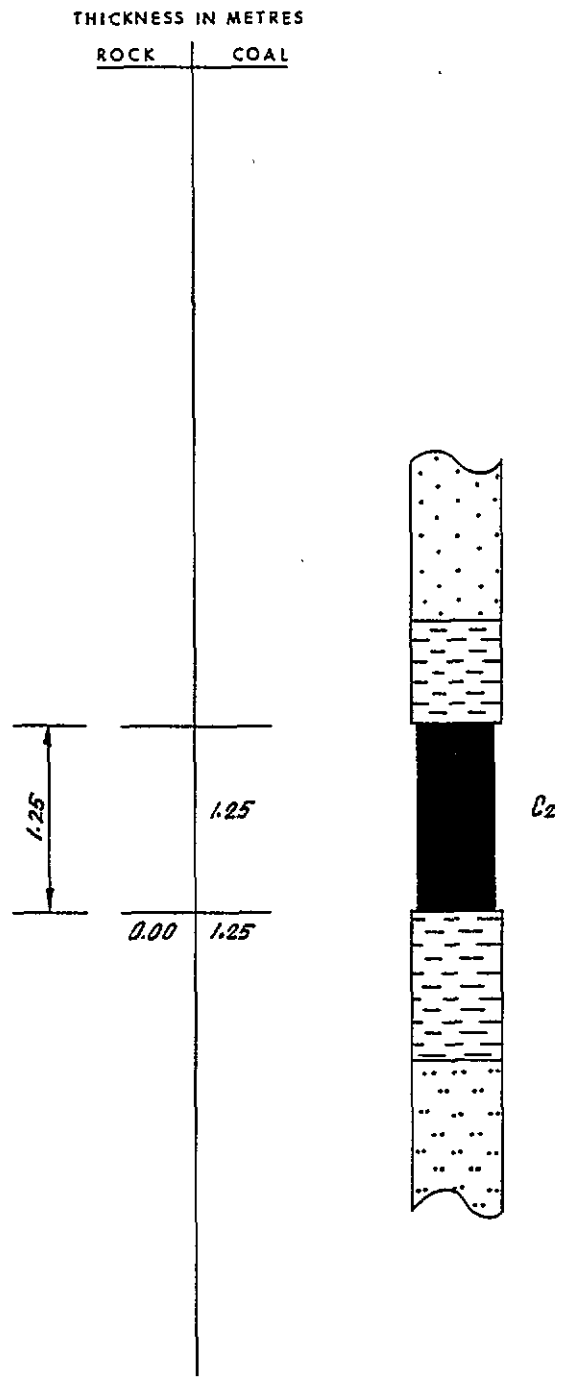
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HS-78-17
HOLTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0618-R01



LEGEND

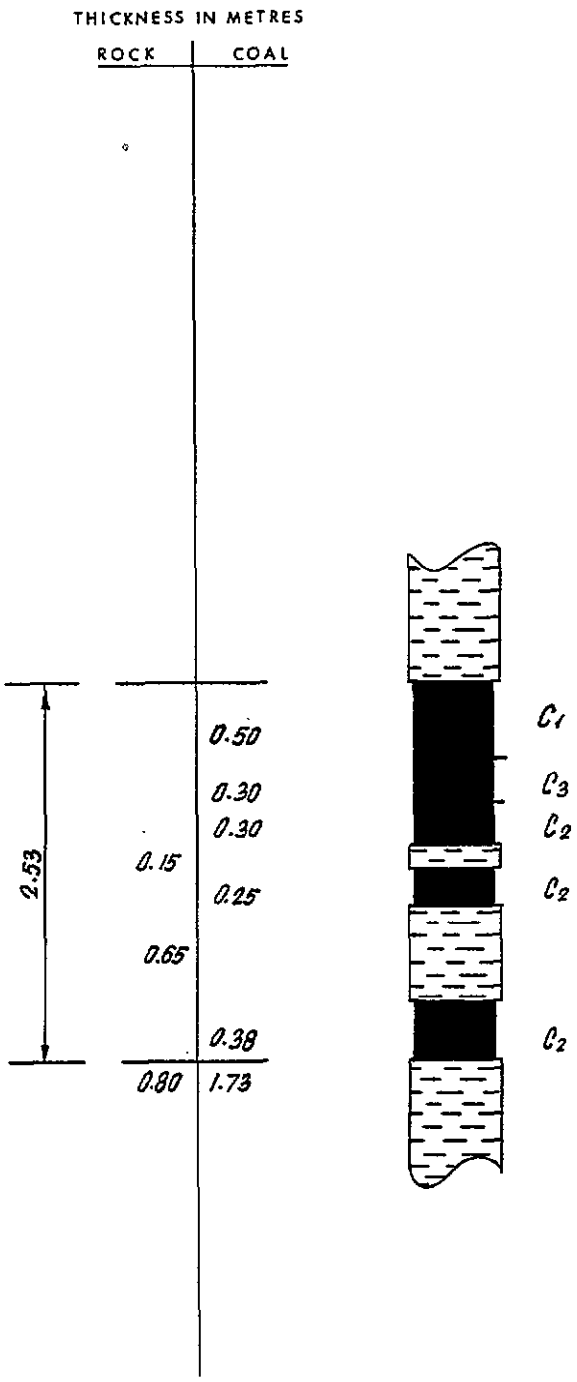
C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
BASED ON VISUAL ESTIMATES

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HS - 78 - 18
HOLTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

BASED ON VISUAL ESTIMATES

- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HS-78-19
HOLTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL
0.60	0.60
0.00	0.60

LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30% ash

} BASED ON VISUAL ESTIMATES

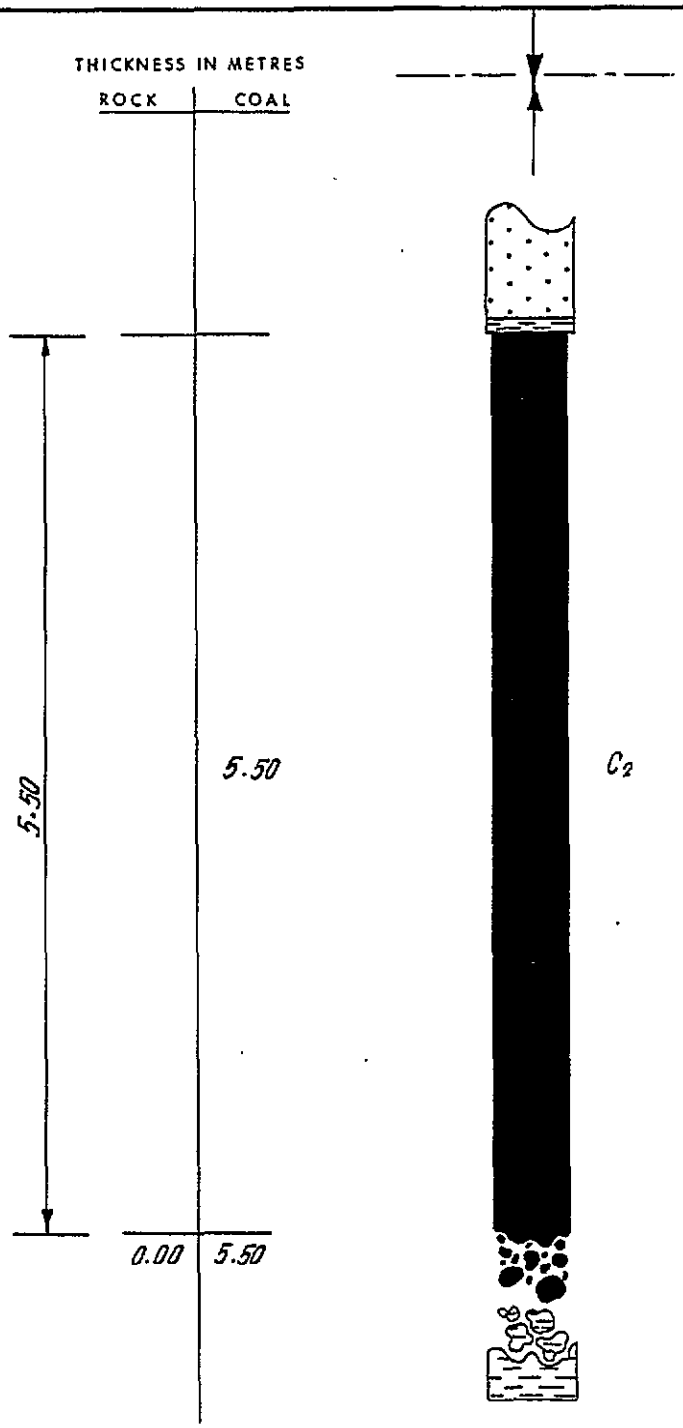
- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HS-78-20

HOLTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
} BASED ON VISUAL ESTIMATES

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL

HS - 78 - 21

HOLTSLANDERS

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL	
3.20		
	3.60	C_1
6.20		
1.50		
	0.80	C_2
	0.30	C_3
1.50	4.70	

LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

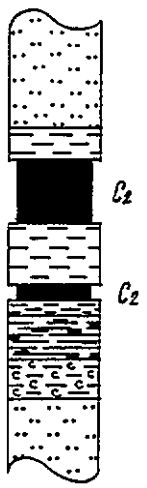
1978
BELCOURT TRENCH DETAIL
HS-78-22

HOLTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE.	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL
	0.45
0.35	
0.40	
	0.10
0.40	0.55



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

} BASED ON VISUAL ESTIMATES

- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HS - 78 - 23

HOLTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE.	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL	
	1.45	C1
0.95		
0.20		
	0.45	C1
0.70		
8.50		
	4.75	C1
1.85	6.65	

LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

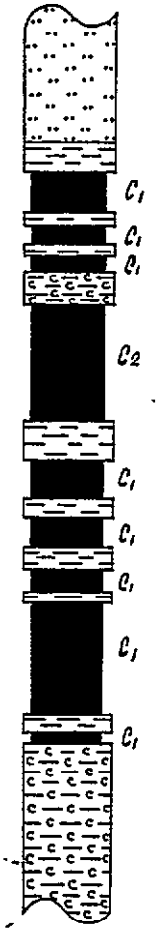
1978
BELCOURT TRENCH DETAIL
HS-78-24
HOLTSLANDER S.

DRAWN BY:	DATE Nov. 78	SCALE: 1:50
PREPARED BY:	DATE.	DRAWING NUMBER BLCR78-0818-R01
APPROVED BY:	DATE.	

THICKNESS IN METRES

ROCK	COAL
	0.30
0.05	0.10
0.05	0.10
0.20	
	0.80
0.25	
	0.24
0.15	
	0.23
0.15	
0.03	0.15
	0.75
0.10	
	0.05
0.98	2.72

3.70



LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
} BASED ON VISUAL ESTIMATES

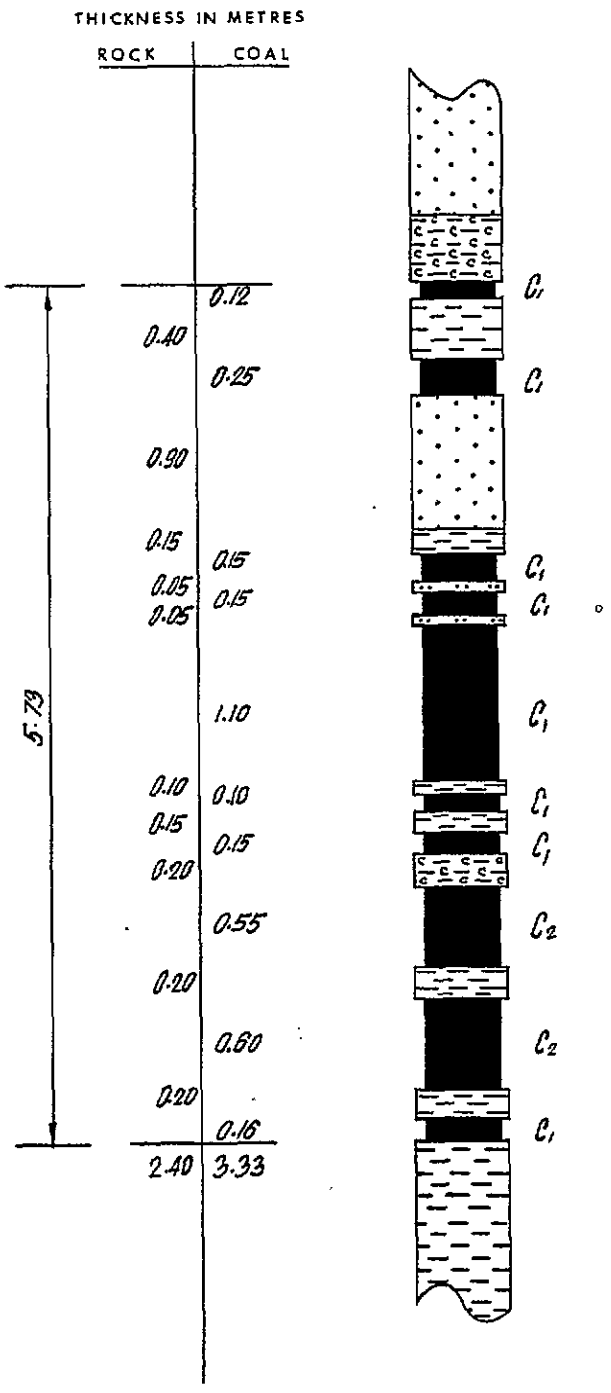
STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL

HS - 78 - 25
HOITSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

BASED ON VISUAL ESTIMATES

- STONEY-BONEY >31% ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL

HS-78-26
HOLTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL
0.68	0.68
0.00	0.68

LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

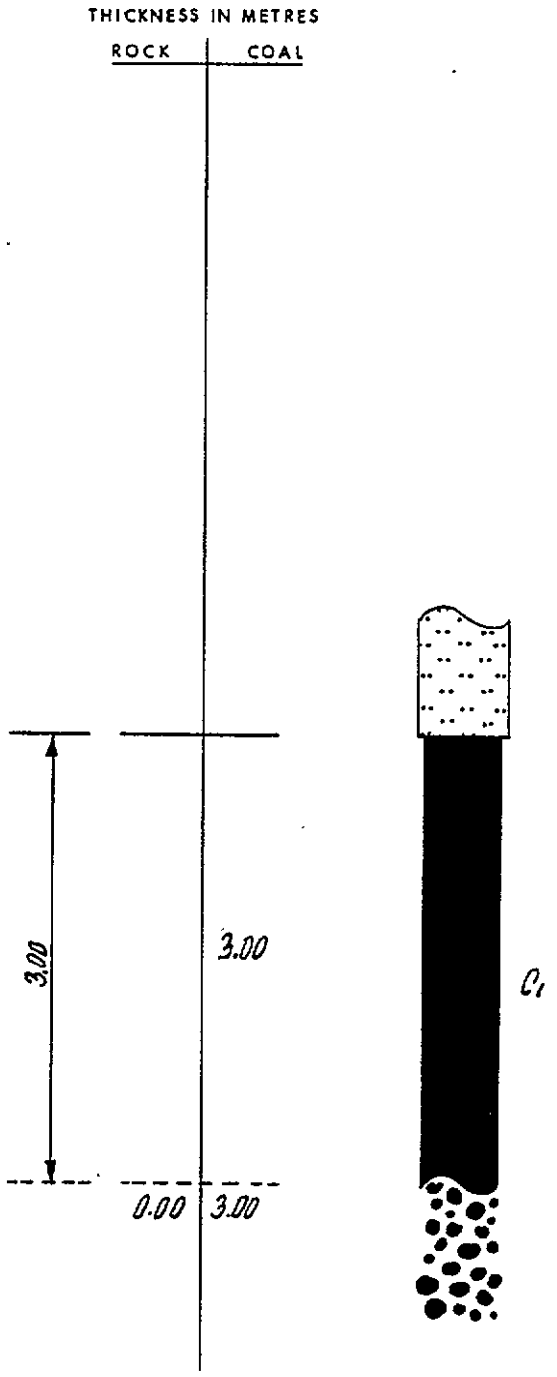
} BASED ON VISUAL ESTIMATES

- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HS - 78 - 27
HOLTS LANDERS.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
} BASED ON VISUAL ESTIMATES

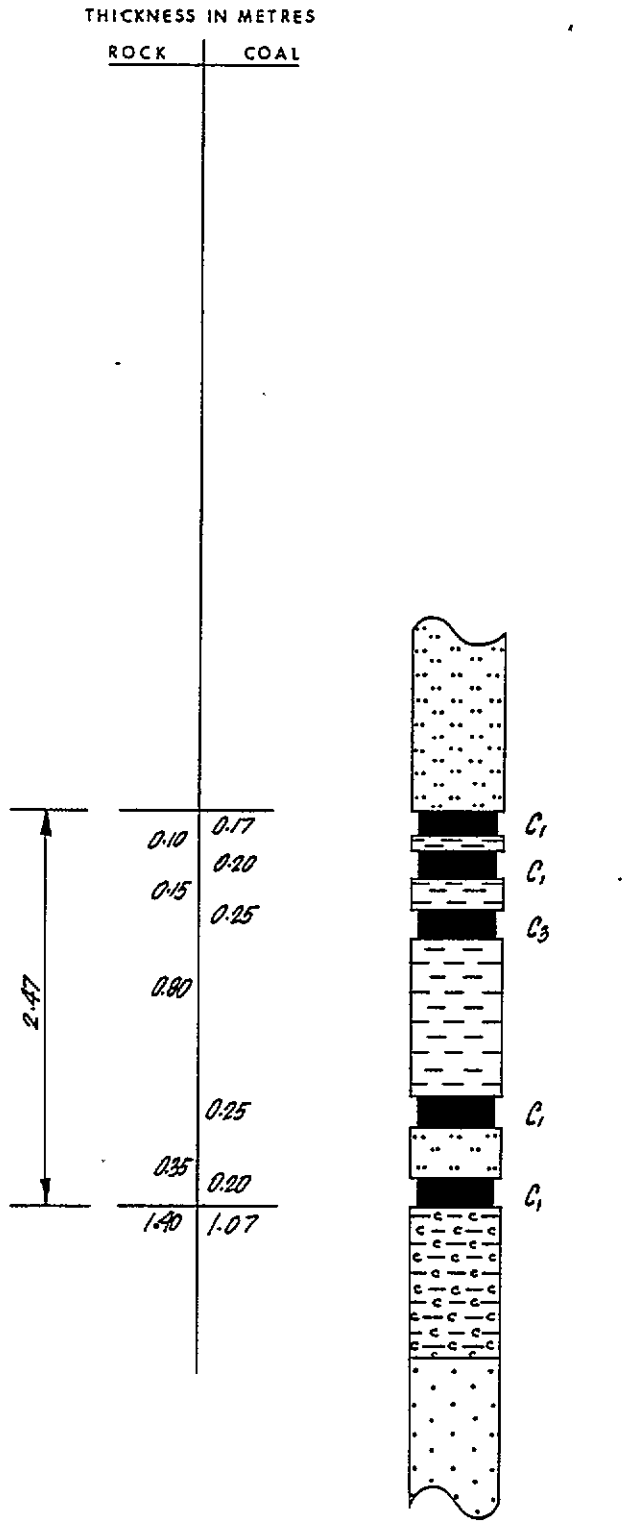
STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL

HS-78-28
HOLTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
} BASED ON VISUAL ESTIMATES

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HS - 78 - 29
HOLTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL
	0.25
1.00	0.20
	0.20
	0.35
0.40	0.80

LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
} BASED ON VISUAL ESTIMATES

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

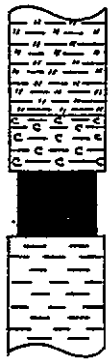
1978
BELCOURT TRENCH DETAIL
HS-78-30
HOLTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1:50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL
	0.43
0.00	0.43

0.43



LEGEND

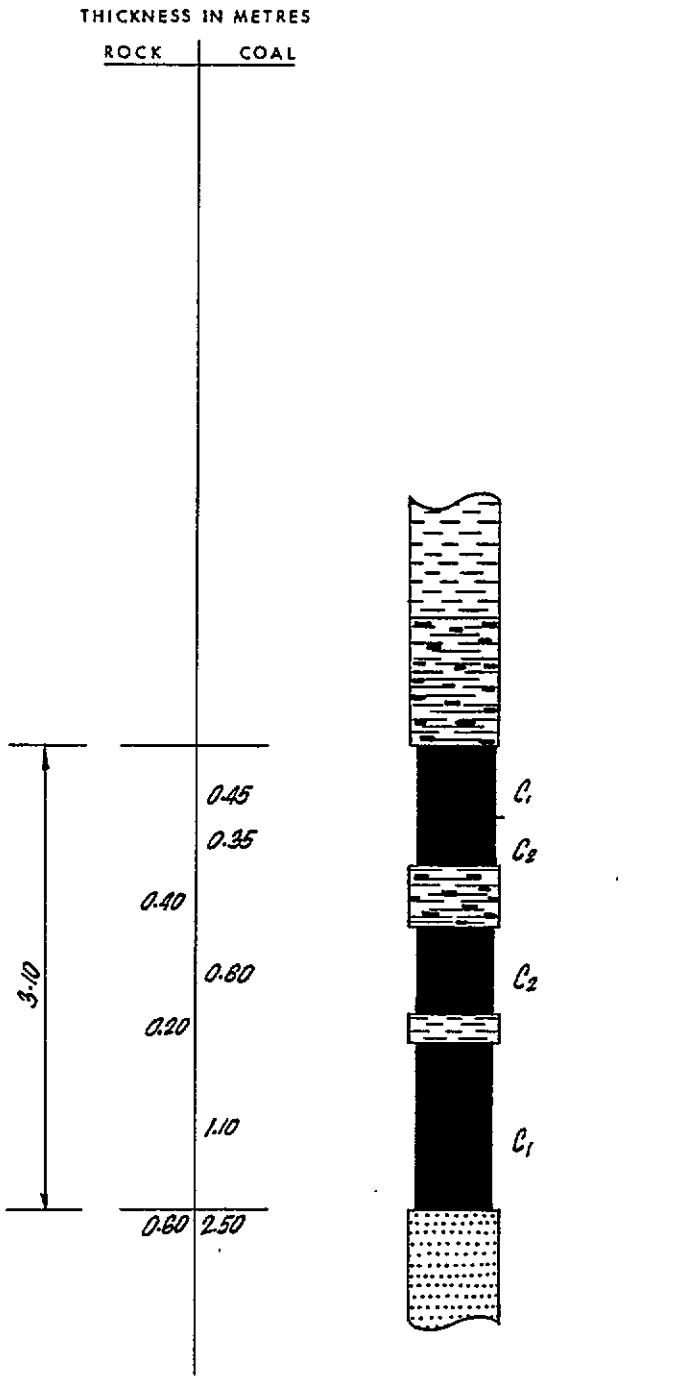
C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
} BASED ON VISUAL ESTIMATES

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HS - 78 - 31
HALTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
} BASED ON VISUAL ESTIMATES

STONEY-BONEY > 31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HS-78-32
HOITSLANDER S

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL
2.50	2.50
0.00	2.50

LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
} BASED ON VISUAL ESTIMATES

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

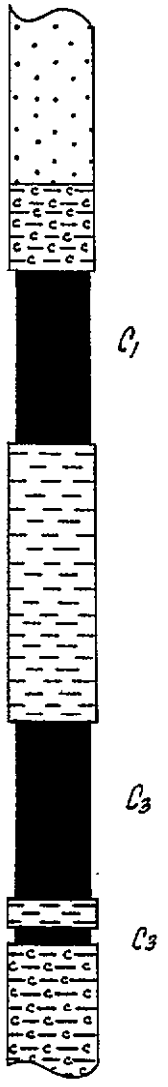
1978
BELCOURT TRENCH DETAIL
HS-78-33
HOITSLANDER 5

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL
	1.07
1.84	
	1.20
0.20	0.10
2.04	2.37

4.41



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

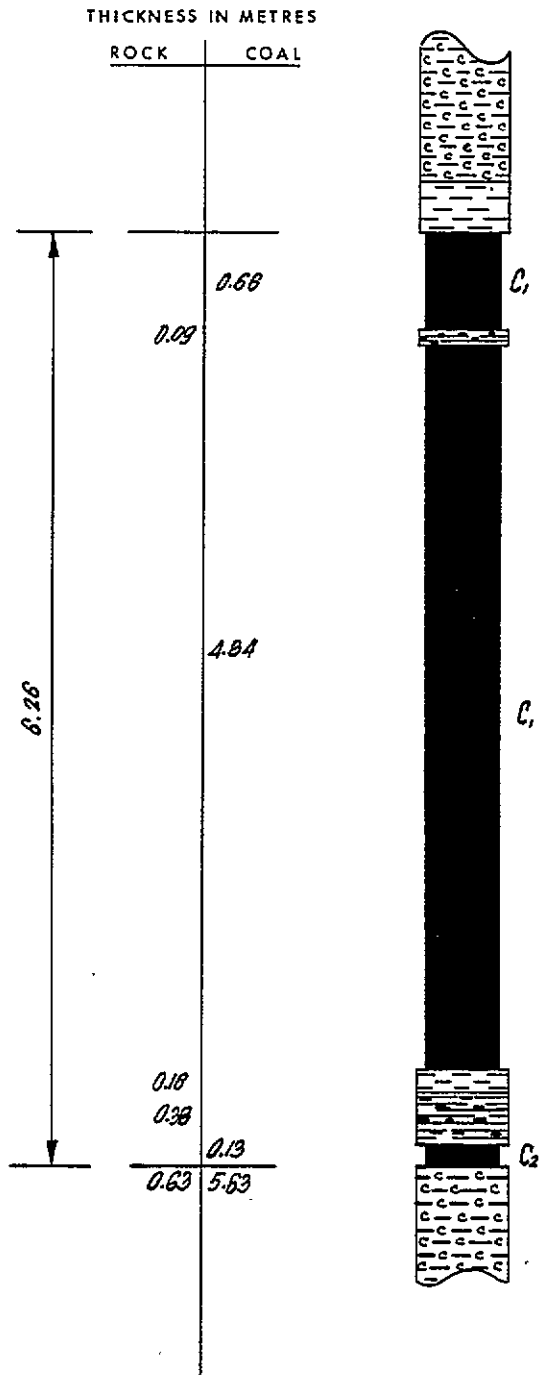
} BASED ON VISUAL ESTIMATES

- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HS-78-34
HOLTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30% ash
} BASED ON VISUAL ESTIMATES

STONEY-BONEY >31% ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

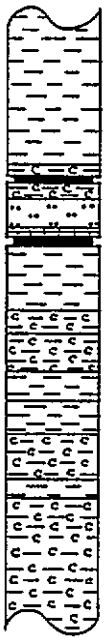
1978
BELCOURT TRENCH DETAIL
HS-78-35
HOLTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR 78-0818-R01

THICKNESS IN METRES

ROCK	COAL
0.06	0.03
0.11	
0.23	0.04
0.02	
0.03	
0.45	0.07

0.52



LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
} BASED ON VISUAL ESTIMATES

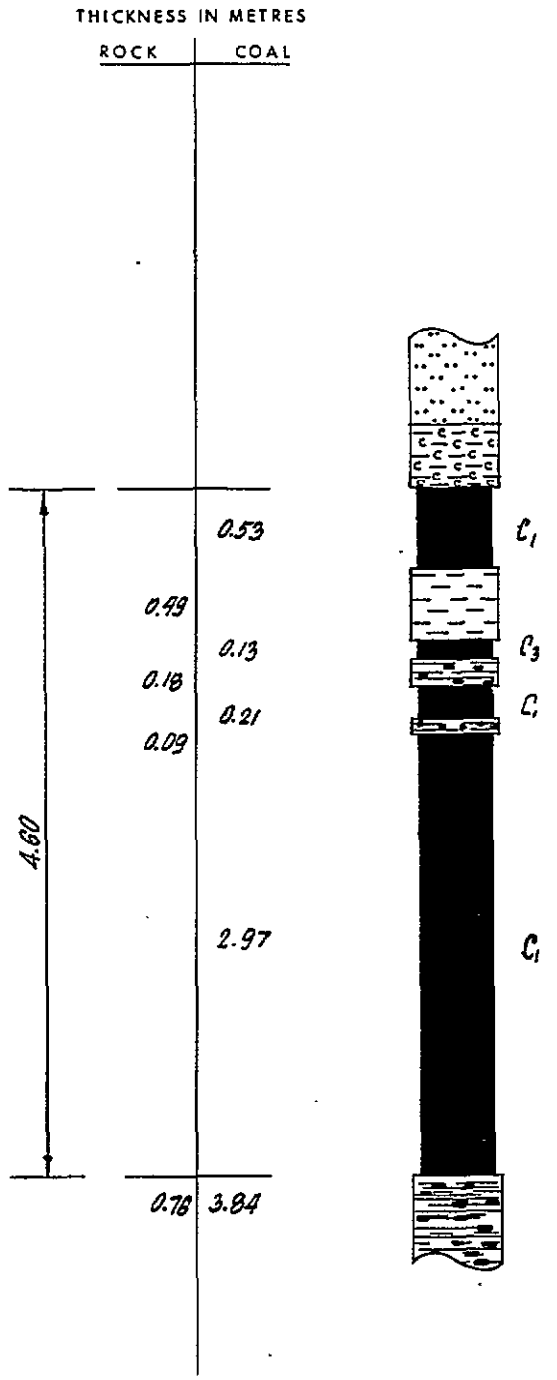
STONEY-BONEY >31% ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL

HS - 78 - 36
HOLTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

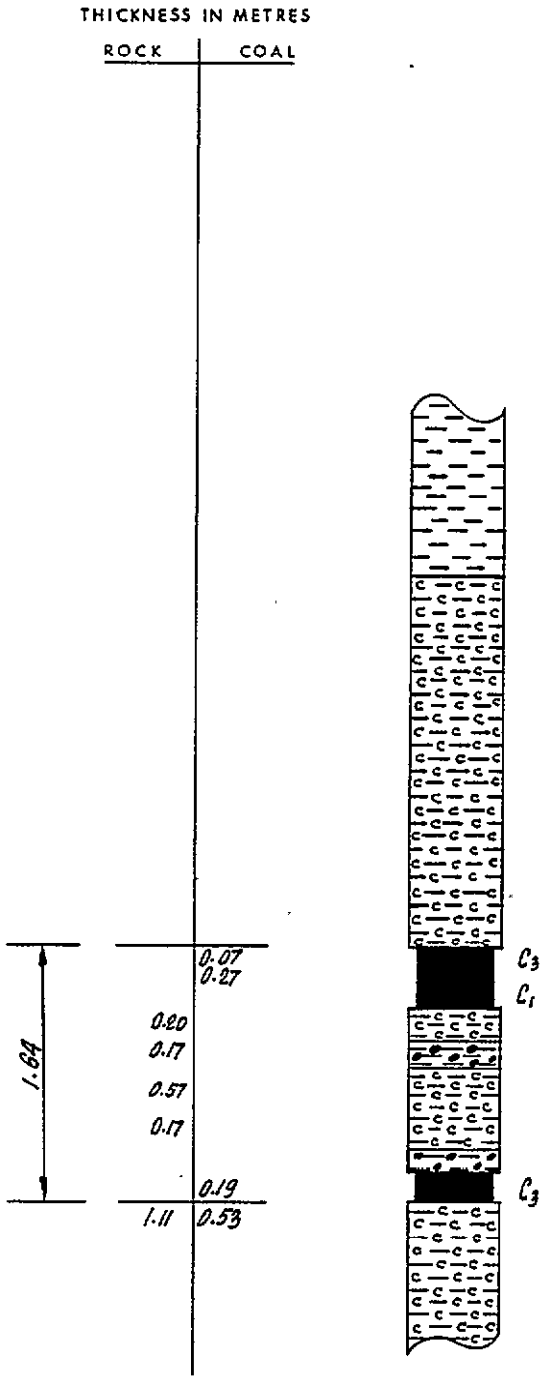
} BASED ON VISUAL ESTIMATES

- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HS-78-37
HOLTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

BASED ON VISUAL ESTIMATES

- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

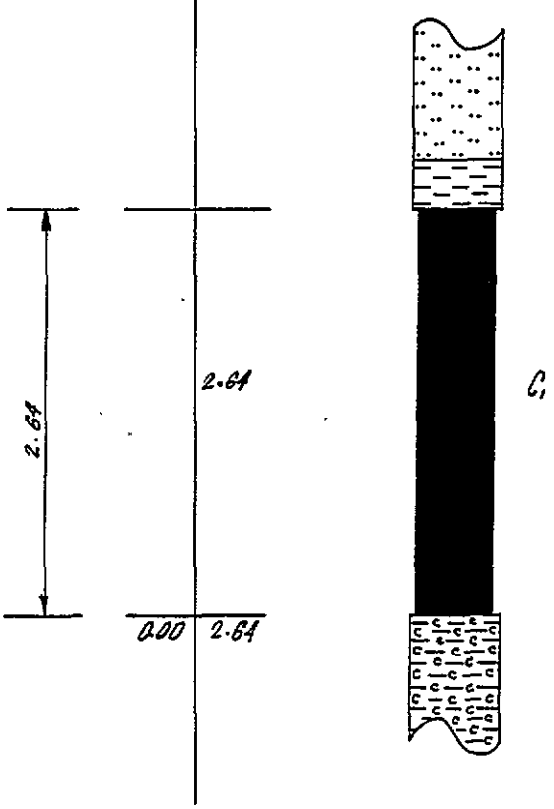
1978
BELCOURT TRENCH DETAIL
HS - 78 - 38

HOLTSLANDER S

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL
0.00	2.64



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30% ash

} BASED ON VISUAL ESTIMATES

- STONEY-BONEY >31% ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

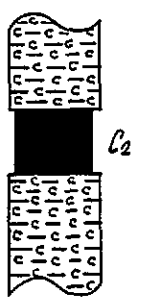
DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HS-78-39
HOLTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1:50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-201

THICKNESS IN METRES

ROCK	COAL
0.37	
	0.37
	0.37



LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
} BASED ON VISUAL ESTIMATES

STONEY-BONEY >31% ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

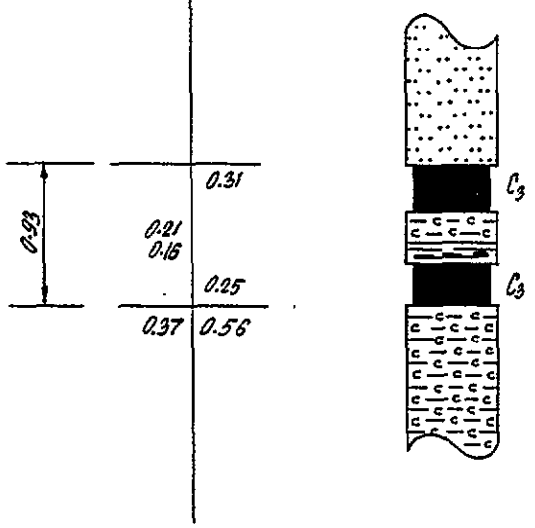
DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HS-78-40
HOLTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

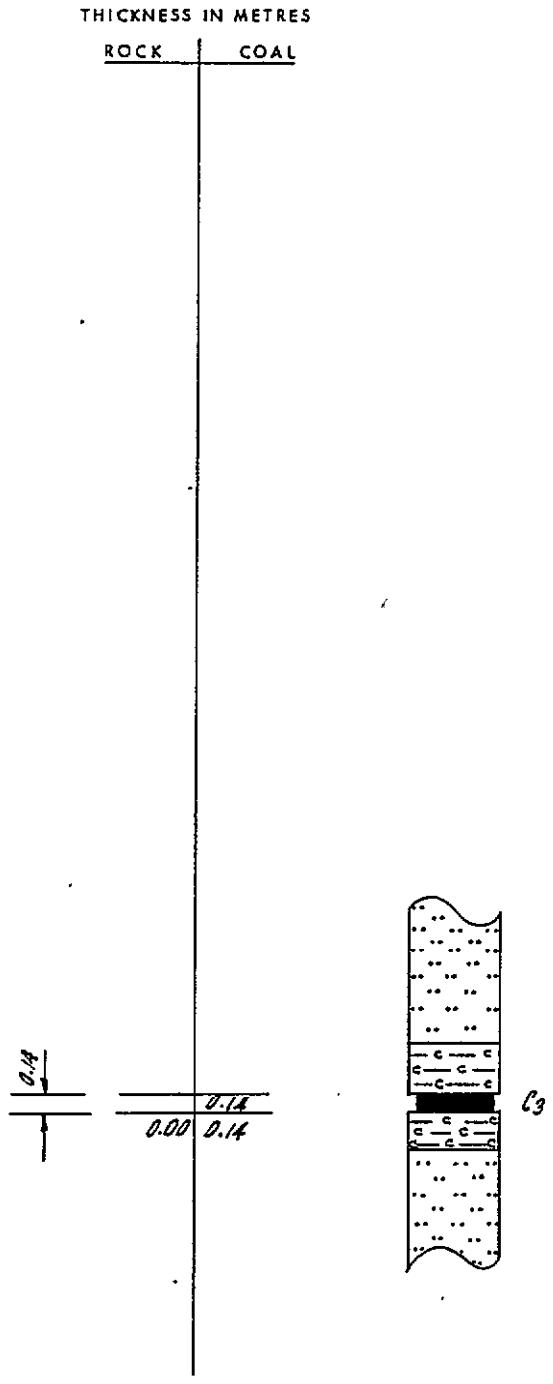
} BASED ON VISUAL ESTIMATES

- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HS - 78 - 41
HOUTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

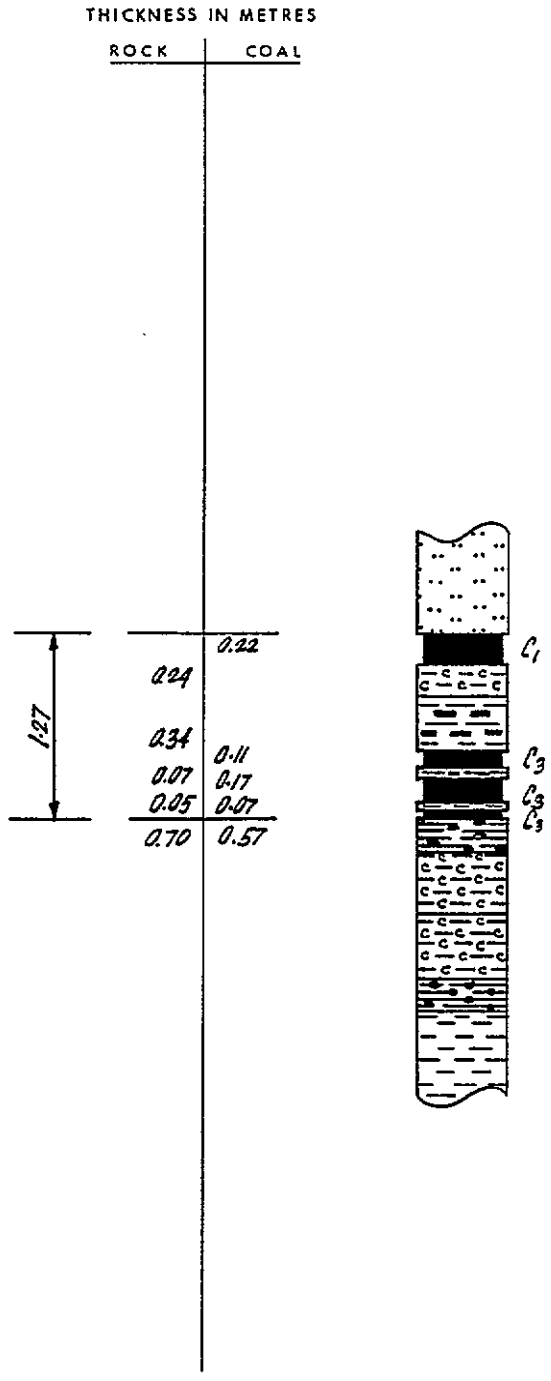
C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
BASED ON VISUAL ESTIMATES

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HS-78-42
HOLTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

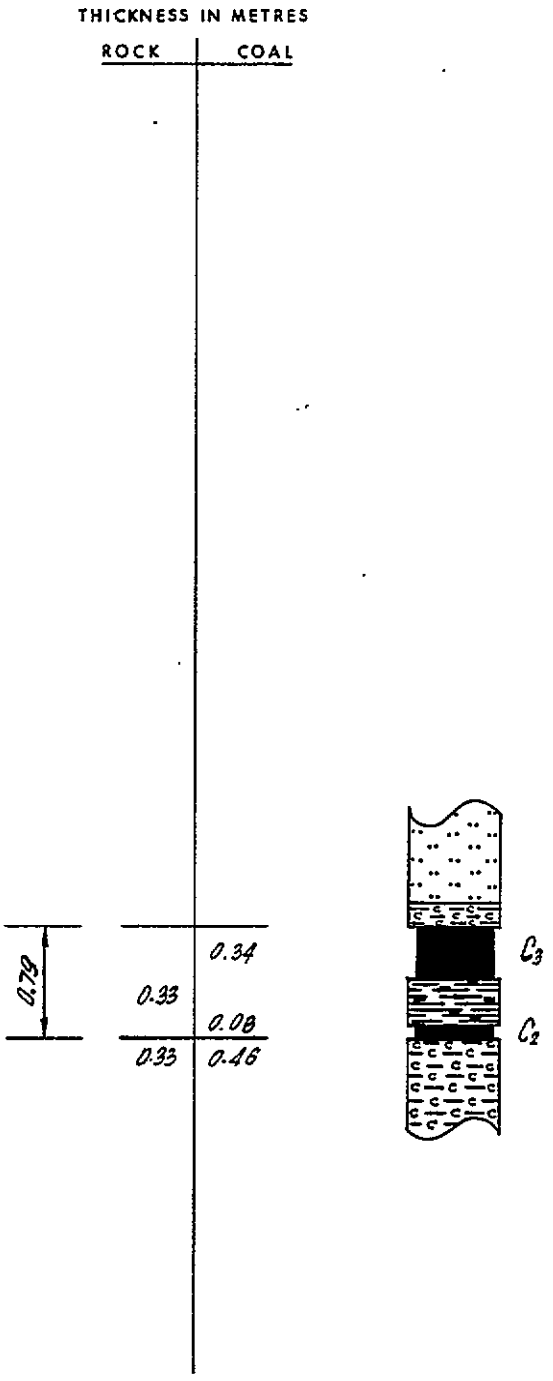
} BASED ON VISUAL ESTIMATES

- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HS-78-44
HOLTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30% ash

BASED ON VISUAL ESTIMATES

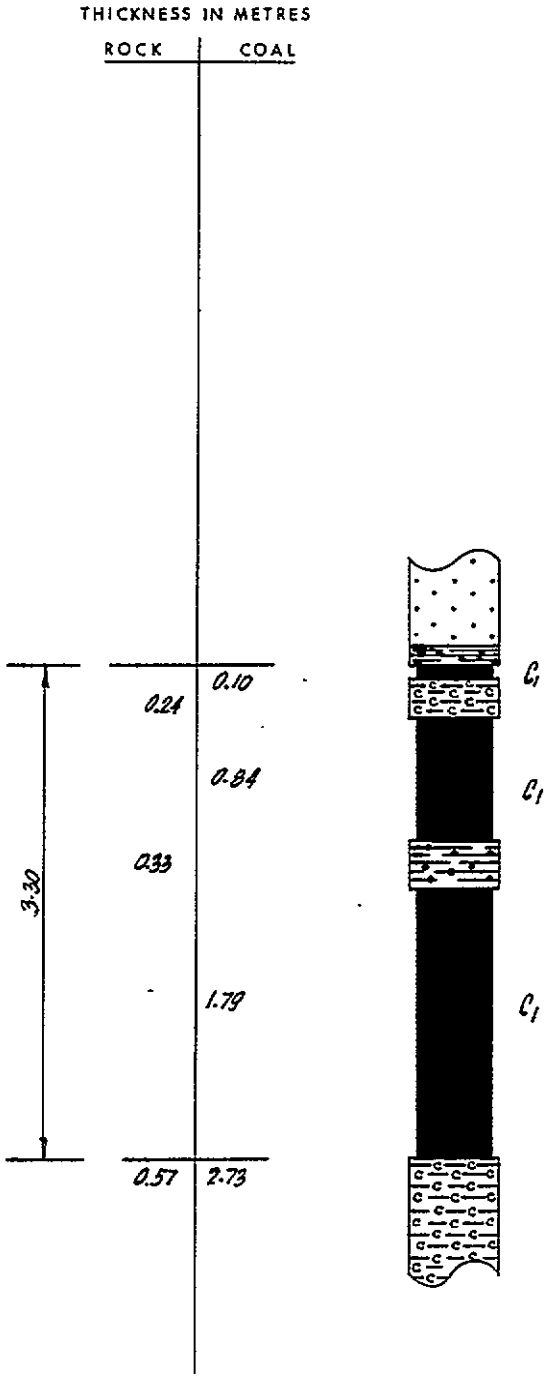
- STONEY-BONEY >31% ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HS-78-45

HOUTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1:50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

} BASED ON VISUAL ESTIMATES

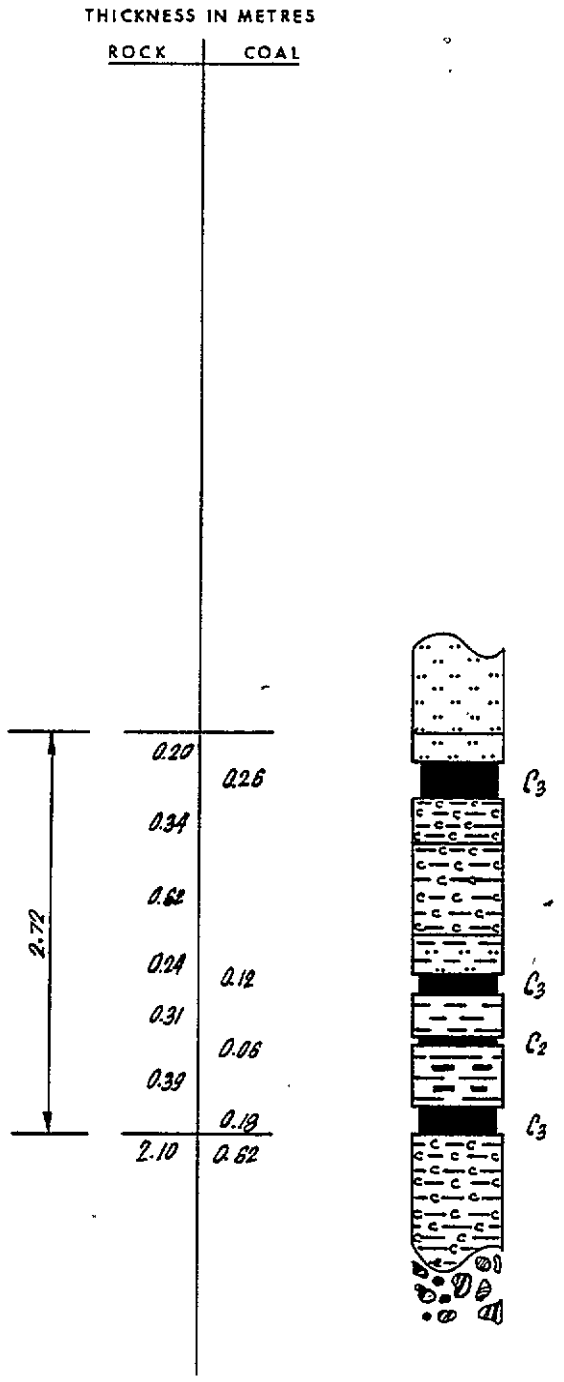
- STONEY-BONEY > 31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HS-78-46

HOLTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30% ash
} BASED ON VISUAL ESTIMATES

STONEY-BONEY >31% ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HS-78-43
HOLTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL
	0.30
0.06	
0.13	
0.07	
	0.63
0.13	
0.09	
	0.13
0.48	1.06

1.54

LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
} BASED ON VISUAL ESTIMATES

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

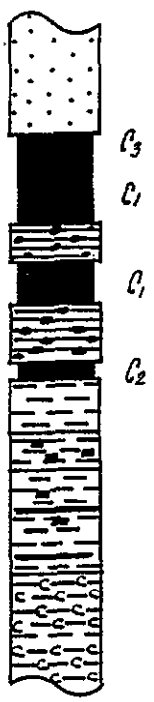
1978
BELCOURT TRENCH DETAIL
HS - 78 - 47
HOLTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL
	0.13
	0.46
0.23	
	0.33
0.42	
	0.12
0.65	1.04

1.89



LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
} BASED ON VISUAL ESTIMATES

STONEY-BONEY > 31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

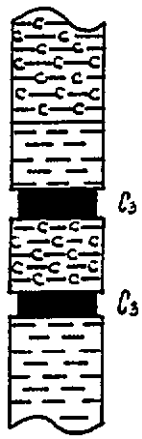
DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HS-78-48
HOLTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1:50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL
0.84	0.21
0.49	0.14
0.49	0.35



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

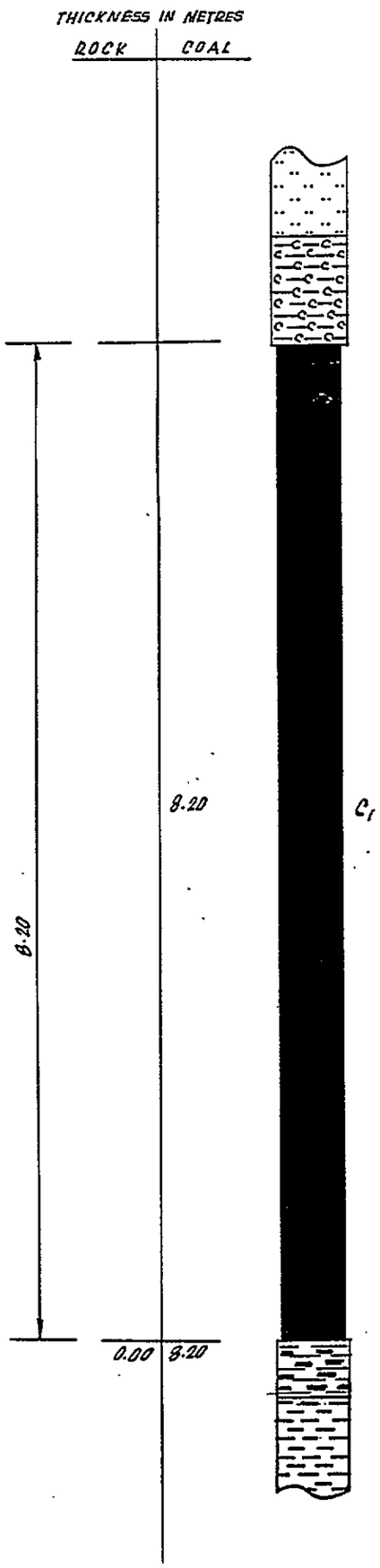
} BASED ON VISUAL ESTIMATES

- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HS - 78 - 49
HOLTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



Thickness measurement and quality of coal logging in this trench is poor due to the creeped and slumped nature of exposed sections.

LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30% ash
- STONEY-BONEY >31% ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

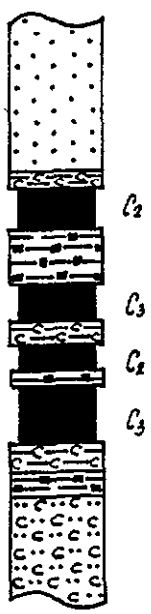
1978
BELCOURT TRENCH DETAIL
HS-78-53
HOLTSLANDER S

DRAWN BY:	DATE: Nov. 78	SCALE: 1:50
PREPARED BY:	DATE:	DRAWING NUMBER BLCR78-0818-R01
APPROVED BY:	DATE.	

THICKNESS IN METRES

ROCK	COAL
	0.27
0.31	
	0.23
0.17	
0.12	0.15
	0.35
0.60	1.00

1.60



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

} BASED ON VISUAL ESTIMATES

- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

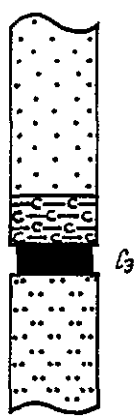
DENISON MINES LIMITED
[COAL DIVISION]
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HS - 7B - 54
HOLTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL
0.22	
	0.22
0.00	0.22



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

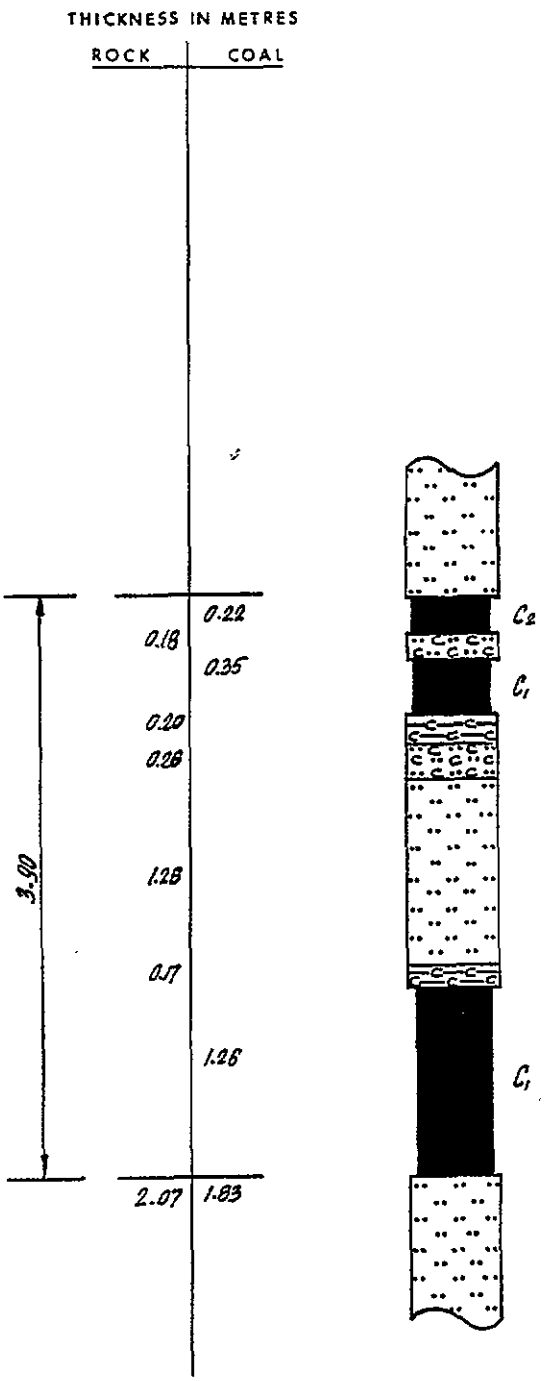
} BASED ON VISUAL ESTIMATES

- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HS-78-55
HOLTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR 78-0818-R01



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

BASED ON VISUAL ESTIMATES

- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

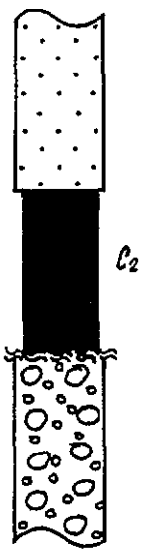
DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HS-78-56
HOLTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL
1.08	1.08
0.00	1.08



LEGEND

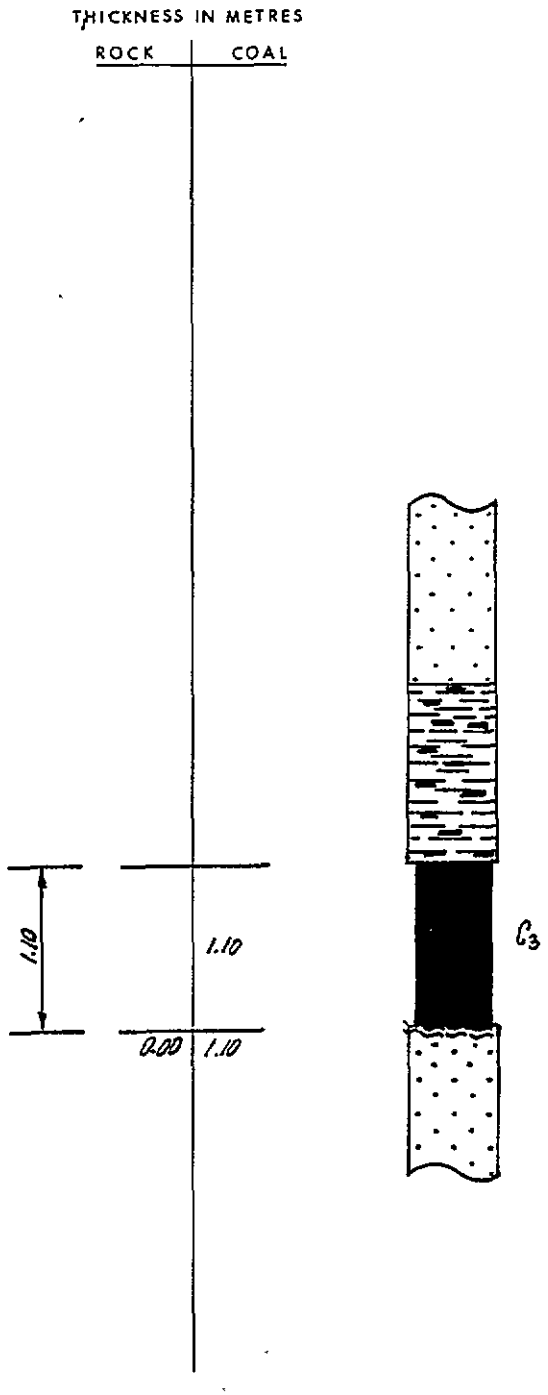
C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
} BASED ON VISUAL ESTIMATES

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HS - 78 - 60
HOLTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0618-R01



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

BASED ON VISUAL ESTIMATES

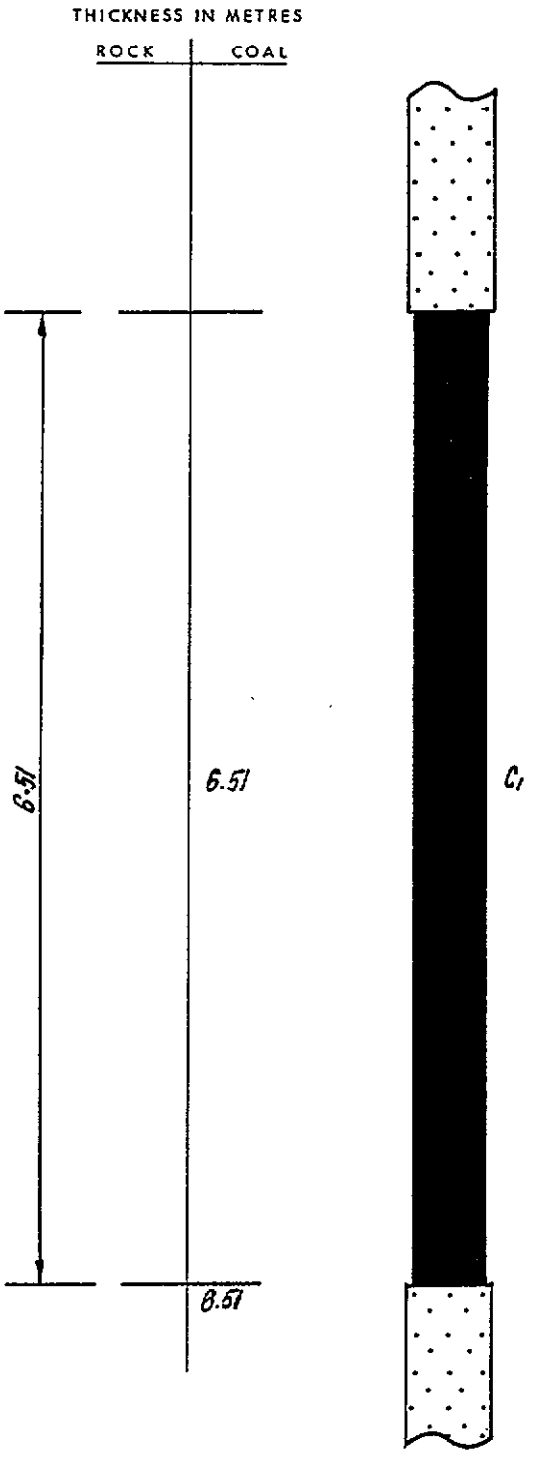
- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HS - 78 - 61

HOLTSLANDER S

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

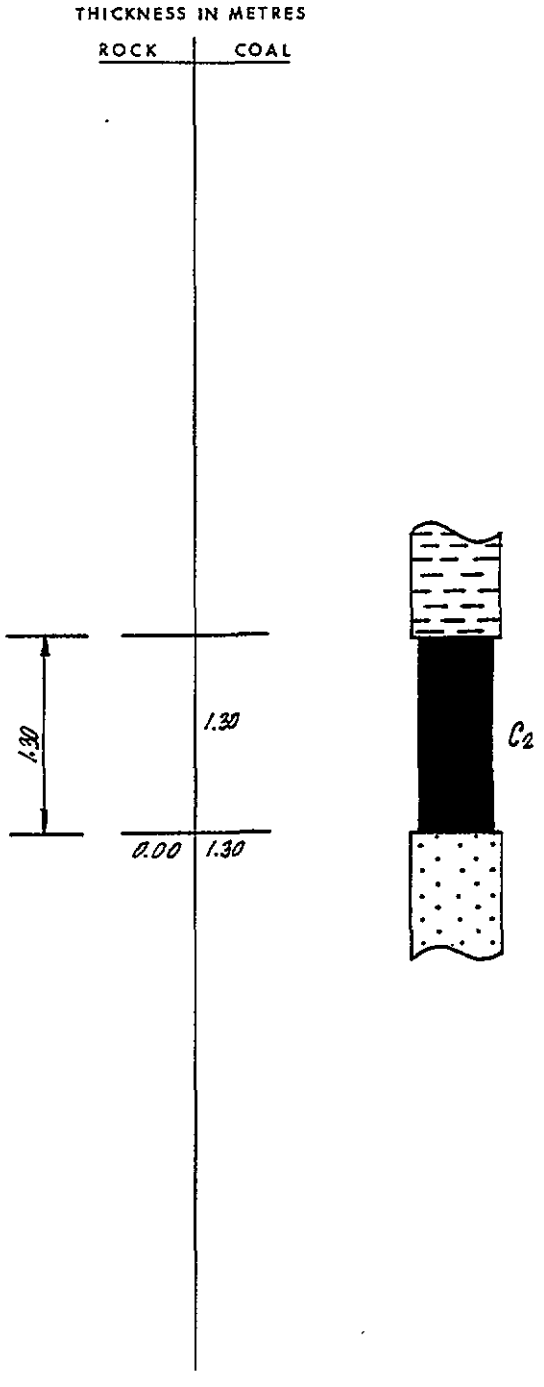
C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
} BASED ON VISUAL ESTIMATES

STONEY-BONEY >31% ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HS-78-62
HOLTSLANDER S

DRAWN BY:	DATE: Nov. 78	SCALE: 1:50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
} BASED ON VISUAL ESTIMATES

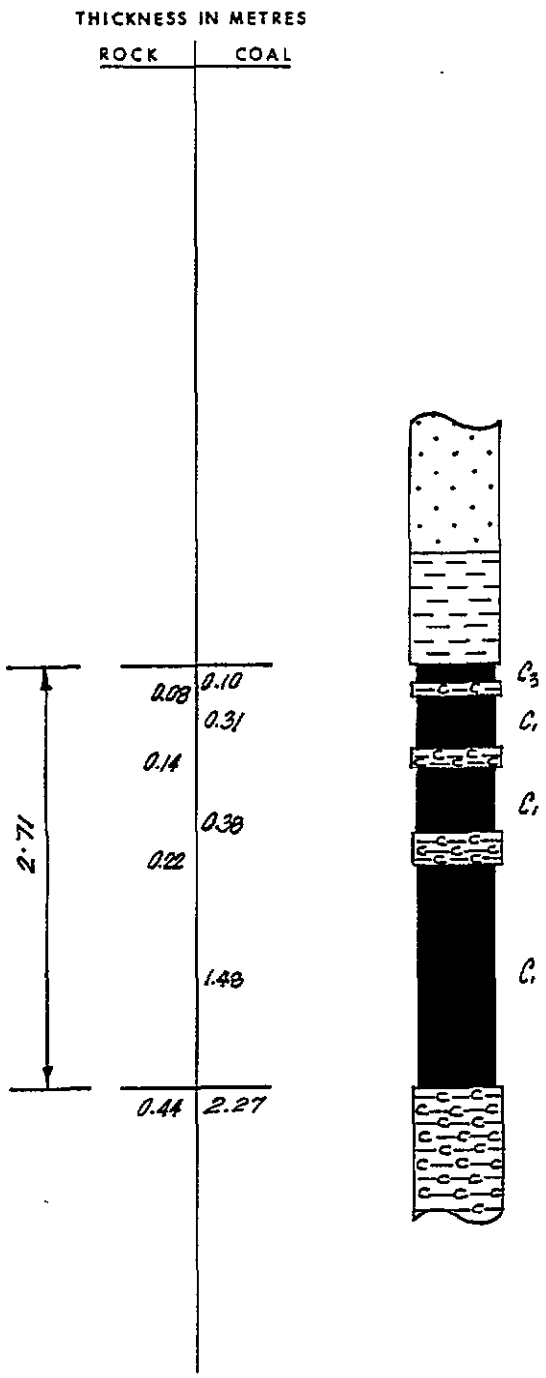
STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HS-78-64

HOLTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
BASED ON VISUAL ESTIMATES

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

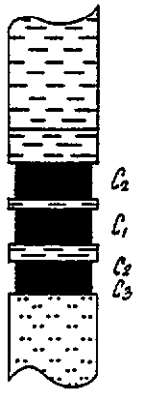
1978
BELCOURT TRENCH DETAIL
HS-78-65
HOLTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL
	0.22
0.06	0.24
0.07	0.08
	0.10
0.13	0.64

0.77



LEGEND

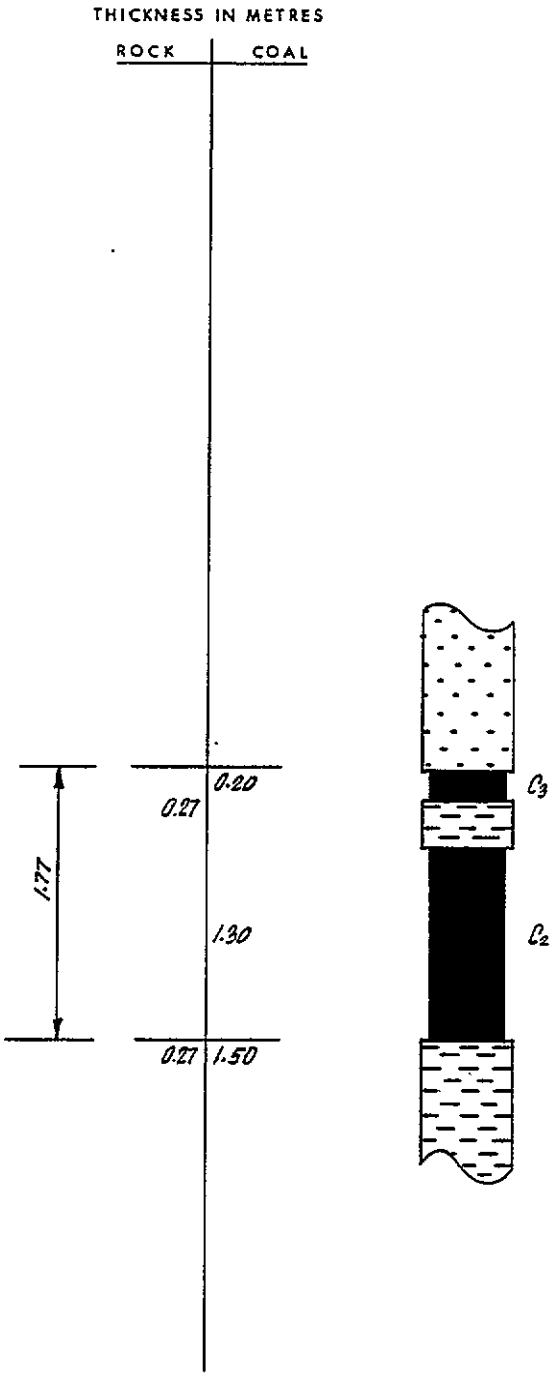
C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
} BASED ON VISUAL ESTIMATES

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HS-78-66
HOLTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

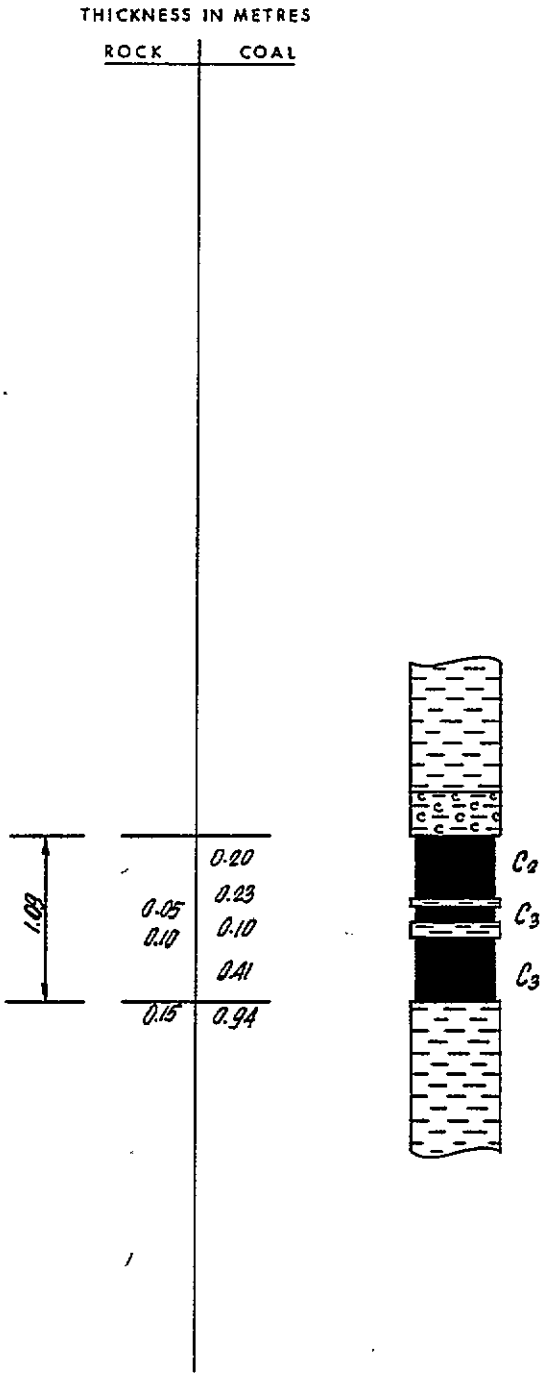
BASED ON VISUAL ESTIMATES

- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HS-78-67
HOLTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR 78-0818-R01



LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
} BASED ON VISUAL ESTIMATES

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

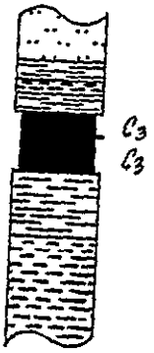
DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HS-78-68
HOLTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1:50'
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL
0.39	0.12
	0.27
	0.39



LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
} BASED ON VISUAL ESTIMATES

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

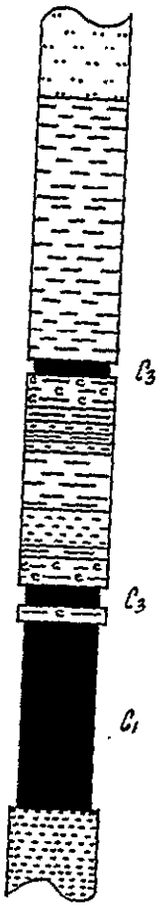
DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HS-78-101
HOLTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1:50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL
	0.10
0.22	
0.10	
0.07	
0.08	
0.07	
0.38	
0.24	
0.07	
0.19	
2.99	0.13
0.12	
	1.24
1.52	1.47



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

} BASED ON VISUAL ESTIMATES

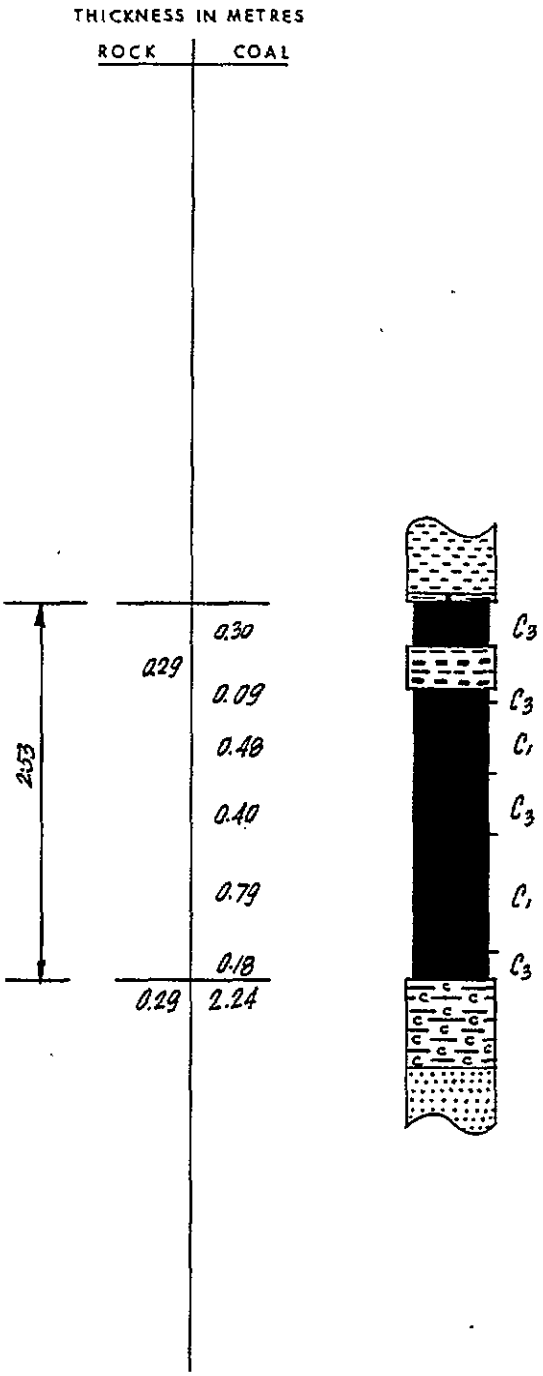
- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HS-78-102

HOLTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER BLCR78-0818-R01
APPROVED BY:	DATE:	



LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
} BASED ON VISUAL ESTIMATES

STONEY-BONEY > 31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

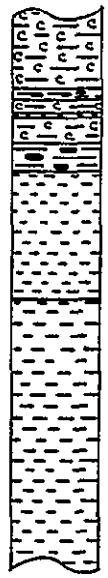
DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HS-78-103
HOLTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1:50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL
ALL ROCK	



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

} BASED ON VISUAL ESTIMATES

- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL

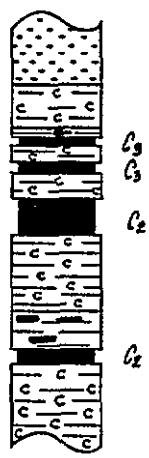
HS - 78 - 104
HOLTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL
	0.05
0.11	0.07
0.18	
	0.24
0.52	
0.25	
	0.10
1.06	0.46

1.52



LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
} BASED ON VISUAL ESTIMATES

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

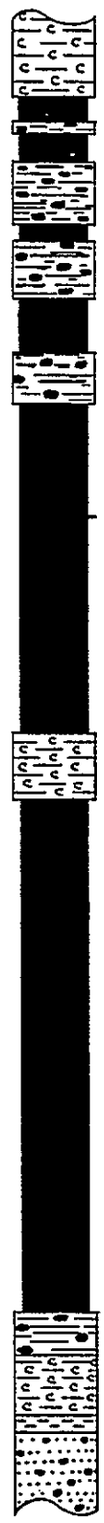
1978
BELCOURT TRENCH DETAIL
HS-78-105
HOLTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR 78-0818-E01

THICKNESS IN METRES

ROCK	COAL	
	0.18	C_1
0.09	0.20	C_1
0.46	0.13	C_3
0.43	0.39	C_1
0.38	0.82	C_1
	1.59	C_3
0.48	3.75	C_1
1.84	7.06	

8.90



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash
- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HS-78-107
HOLTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL
	0.18
0.20	0.20
0.25	
	0.36
	0.18
0.13	0.15
0.26	
0.17	0.26
0.18	
	0.59
1.27	1.88

3.15

LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

} BASED ON VISUAL ESTIMATES

- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HS-78-108

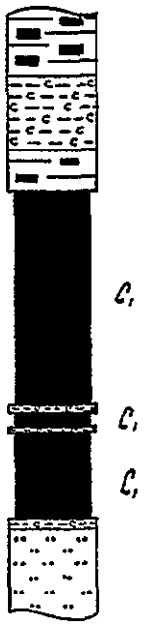
HOLTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1:50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL
	1.42
	0.05
	0.03
	0.10
	0.59
0.08	2.11

2.19



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

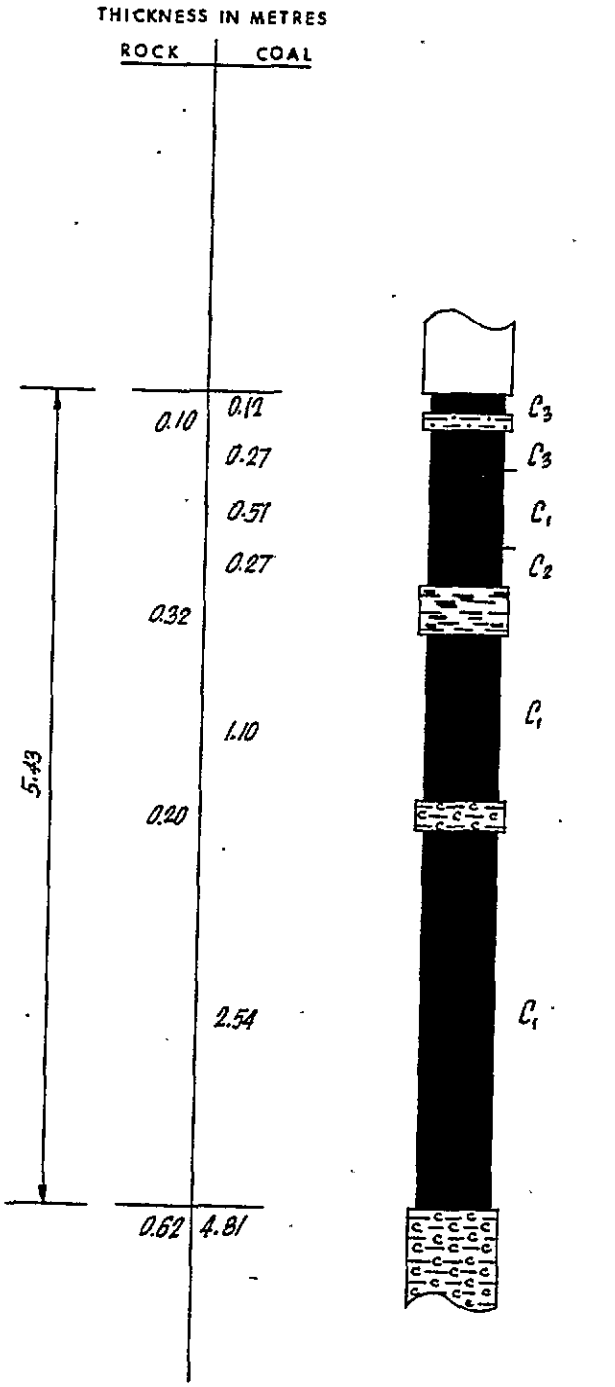
} BASED ON VISUAL ESTIMATES

- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HS-78-109
HOLTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR 78-0818-R01



LEGEND

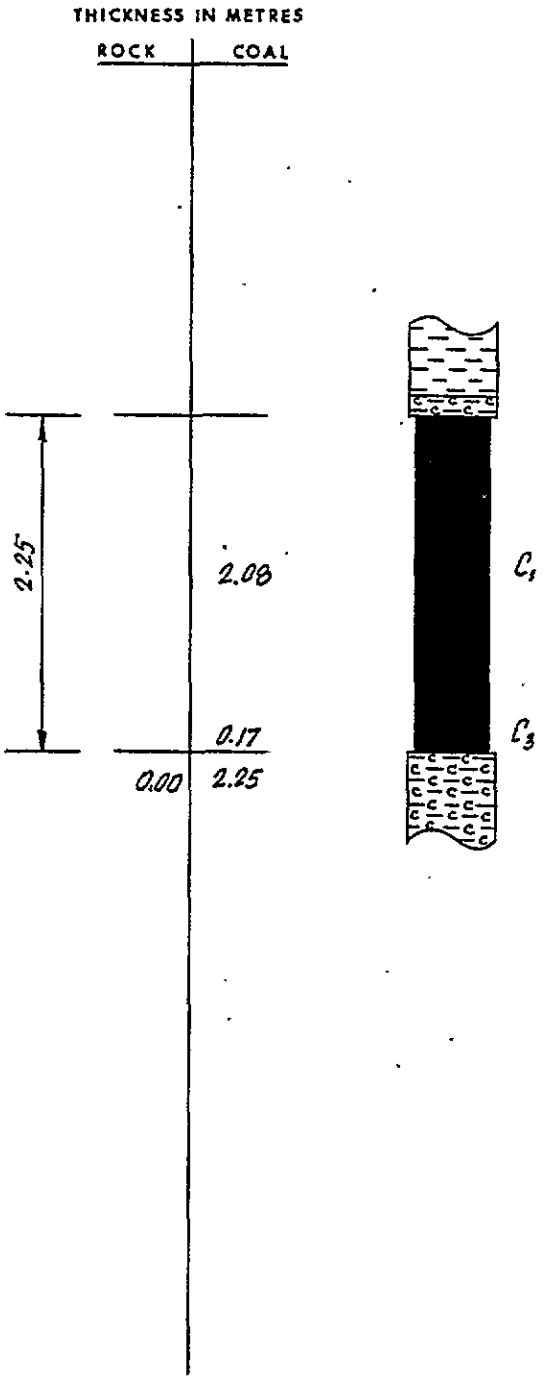
C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HS-78-110
HOLTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1:50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

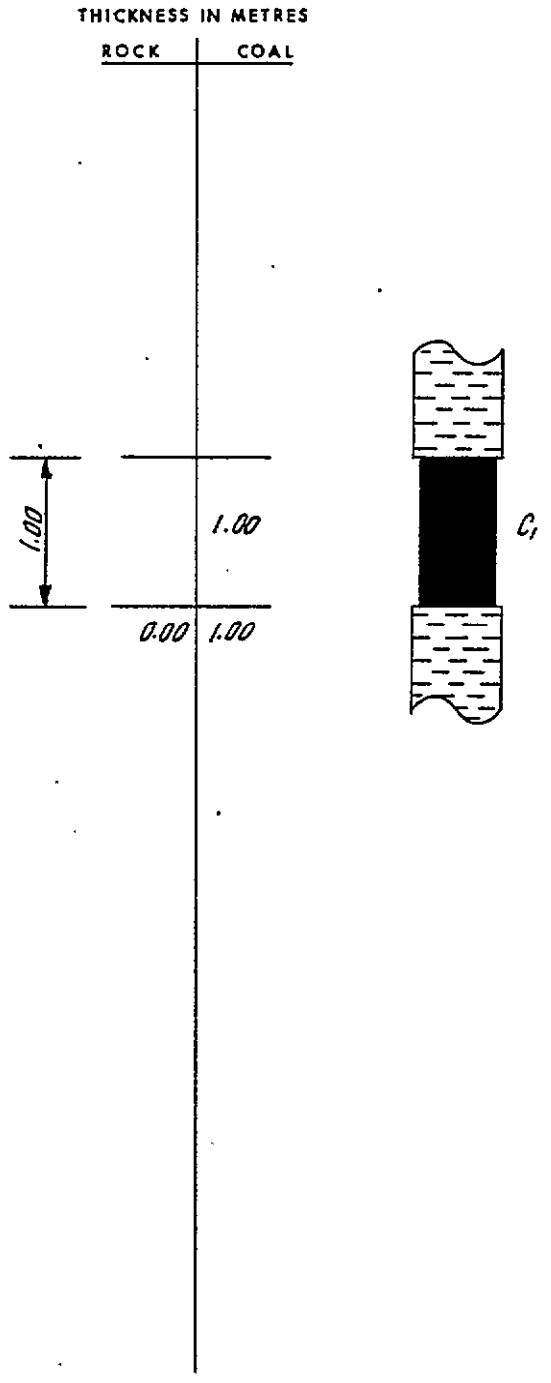
C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HS-78-111
HOLTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30% ash

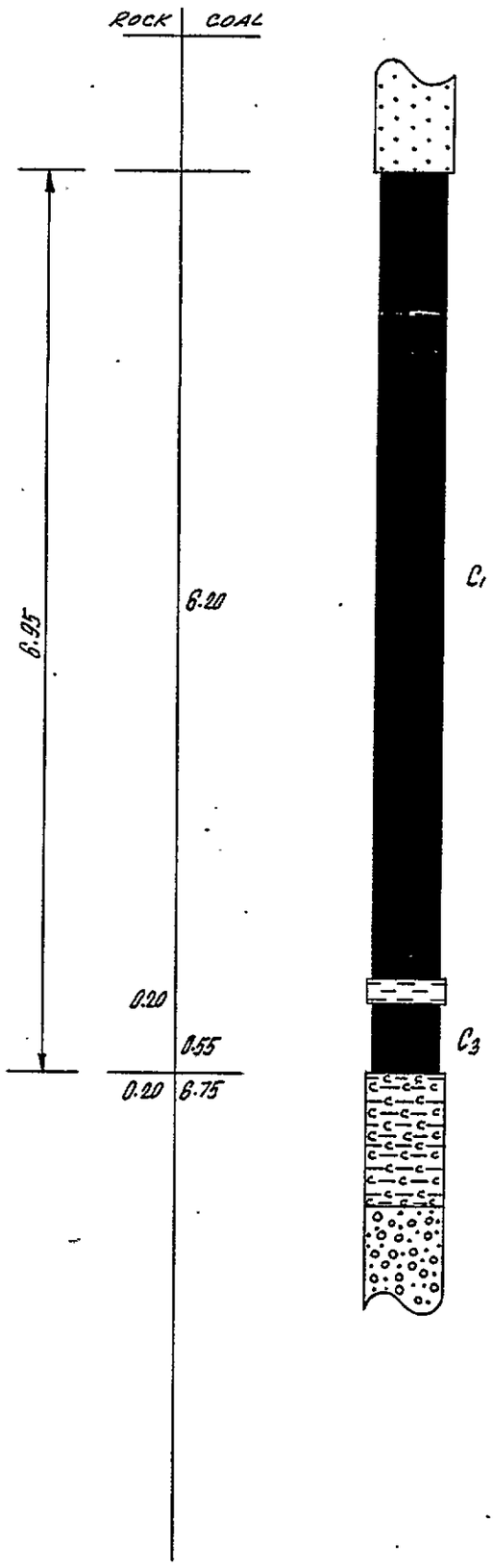
STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HS-78-112
HOLTSLANDER S.

DRAWN BY:	DATE. Nov. 78	SCALE. 1:50
PREPARED BY:	DATE.	DRAWING NUMBER
APPROVED BY:	DATE.	BLCR78-0818-R01

THICKNESS IN METRES



LEGEND

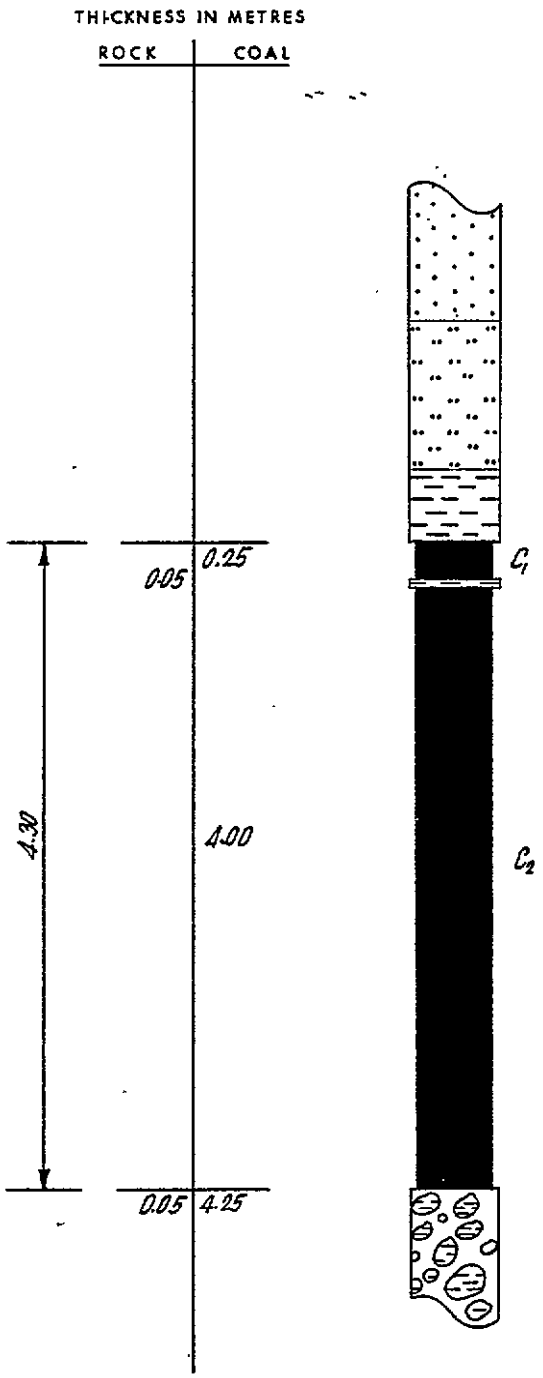
- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash
- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HS-78-113

HOLTSLANDER S.

DRAWN BY:	DATE: Nov. 78	SCALE: 1:50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

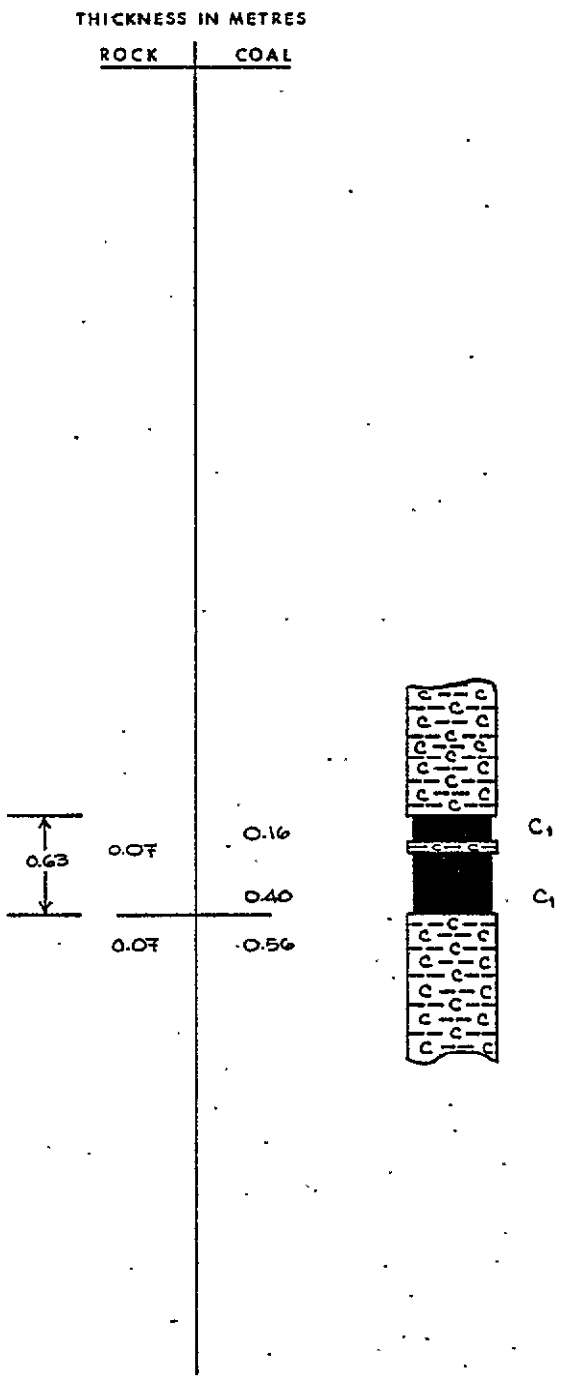
C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
HS-78-117
HOLTSLANDER S.

DRAWN BY:	DATE. Nov. 78	SCALE- 1:50
PREPARED BY:	DATE.	DRAWING NUMBER
APPROVED BY:	DATE.	BLCR78-0818-R01



LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
BASED ON VISUAL ESTIMATES

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

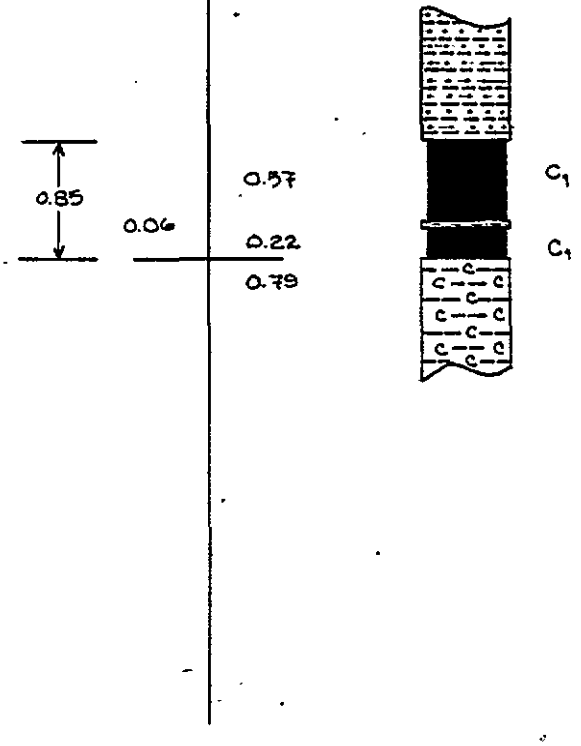
DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
H-78-1
HUGENOT

DRAWN BY:	DATE: Nov. 78	SCALE: 1:50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL



LEGEND

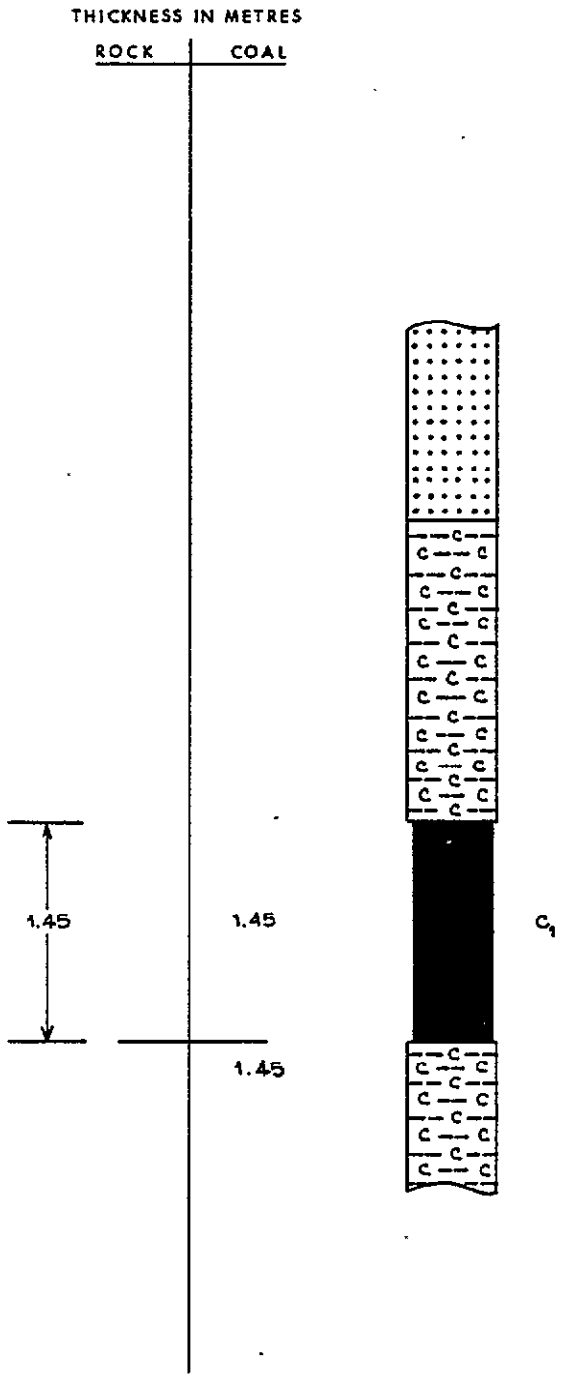
C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
} BASED ON VISUAL ESTIMATES

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
H-78-3
HUGENOT

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
} BASED ON VISUAL ESTIMATES

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
H-78-A
HUGENOT

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL	
0.08	0.12	C_1
0.06	0.12	C_1
0.05	0.18	C_2
	0.12	C_1
0.19	0.54	

0.73

LEGEND

- C_1 COAL 0 - 10 % ash
- C_2 COAL 11 - 20 % ash
- C_3 COAL 21 - 30 % ash

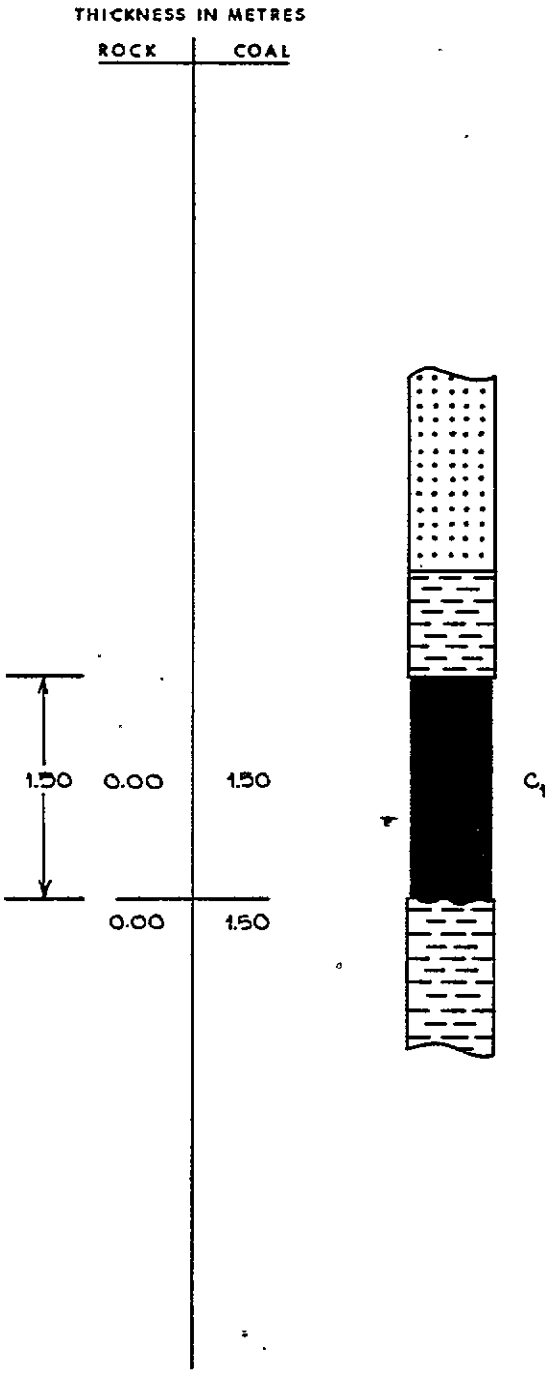
} BASED ON VISUAL ESTIMATES

- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
H-78-8
HUGENOT

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	SLCR78-0818-R01



LEGEND

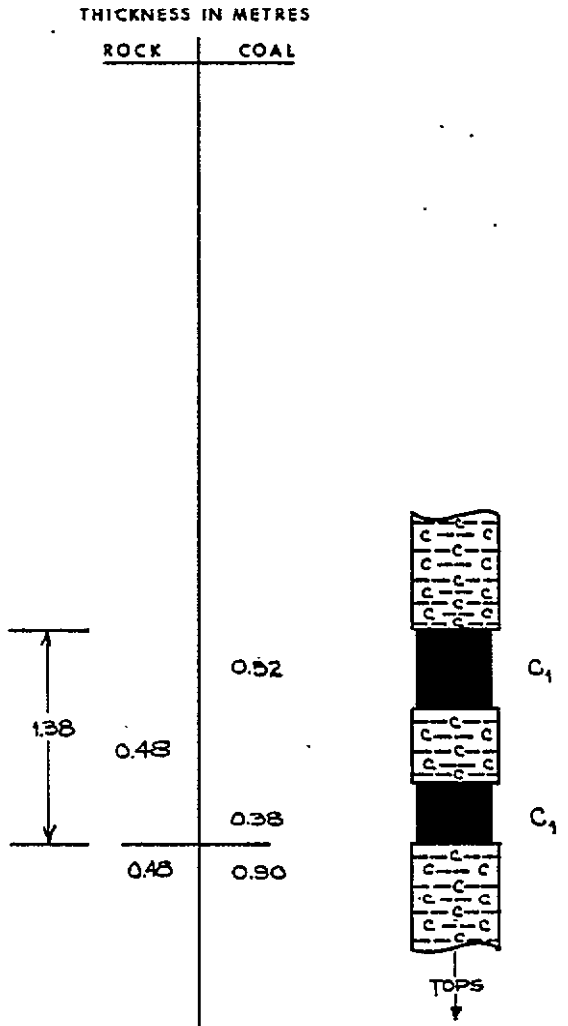
C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
} BASED ON VISUAL ESTIMATES

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
H-78-9
HUGENOT

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



NOTE: THIS SEQUENCE IS OVERTURNED.

LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

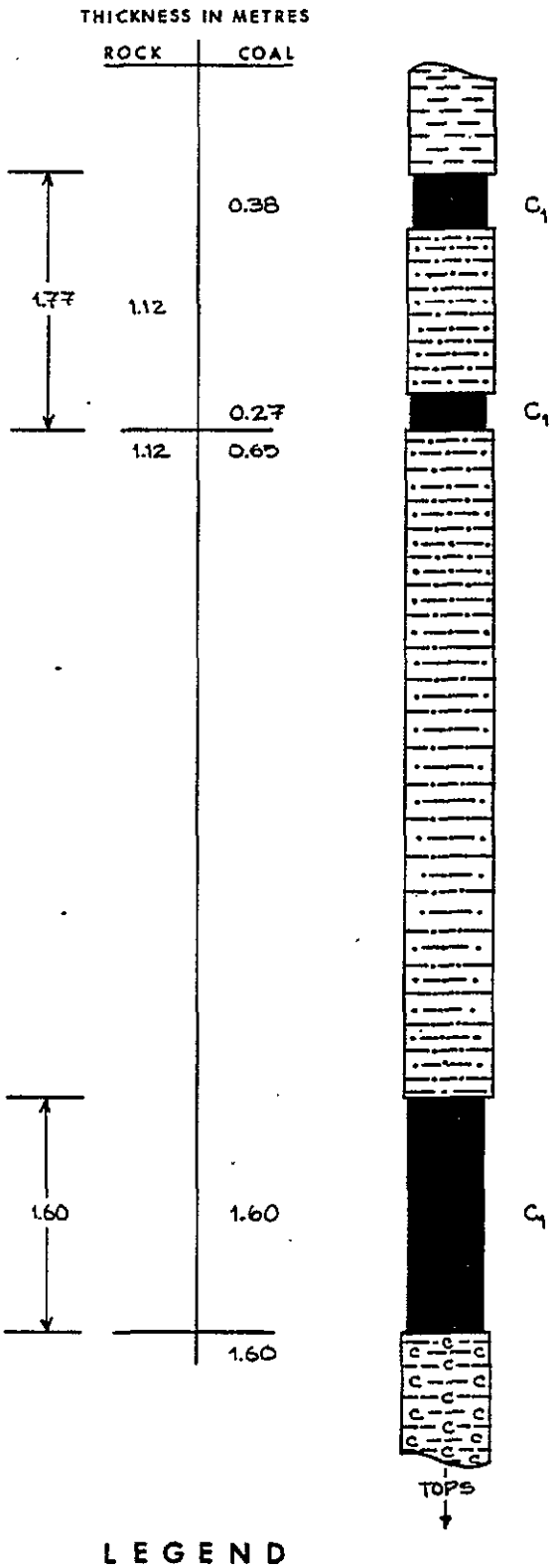
} BASED ON VISUAL ESTIMATES

- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
H-78-13
HUGENOT

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



NOTE: THIS SEQUENCE IS OVERTURNED.

LEGEND

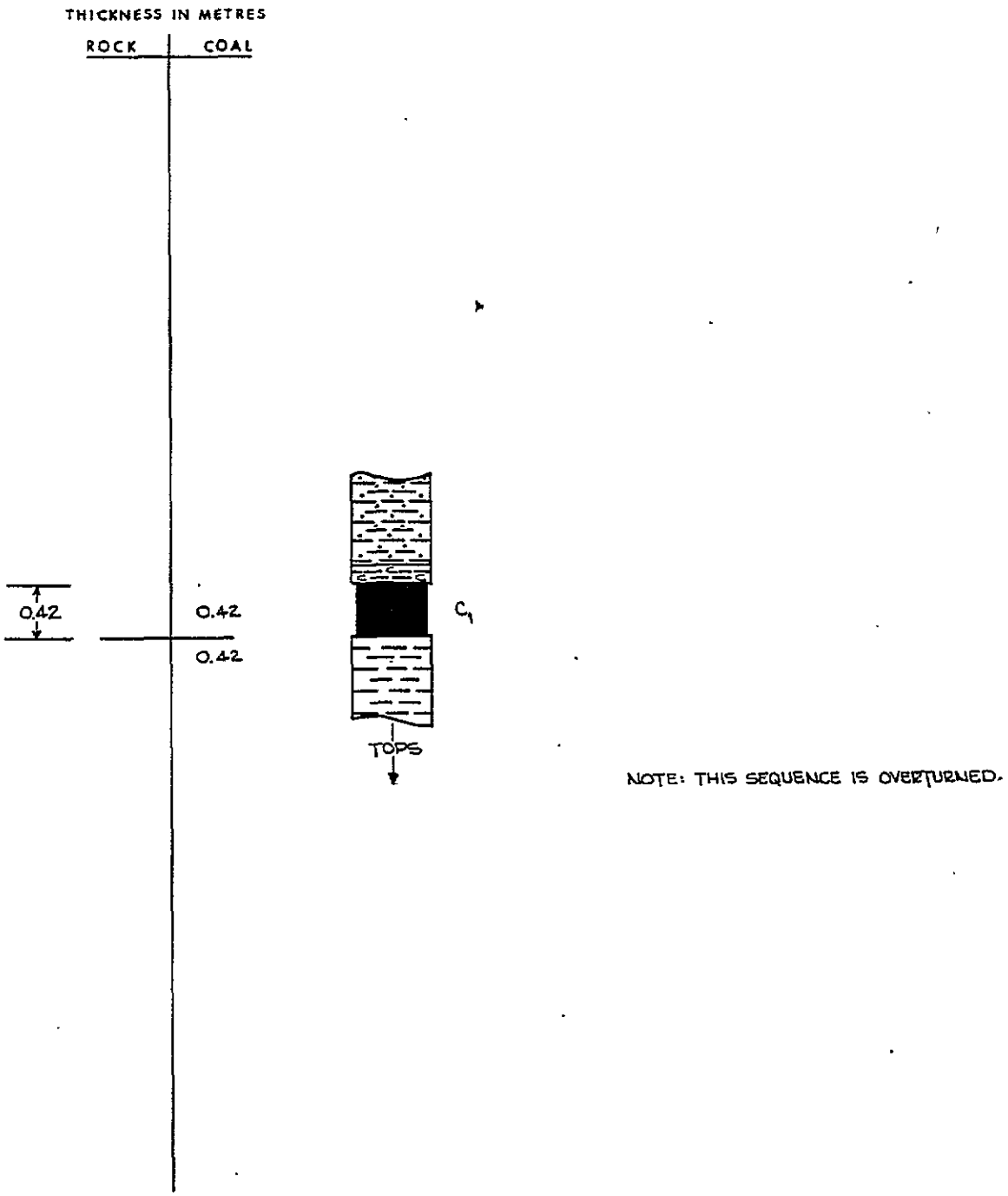
C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
} BASED ON VISUAL ESTIMATES

STONEY-BONEY > 31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
H-78-14
HUGENOT

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



NOTE: THIS SEQUENCE IS OVERTURNED.

LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
} BASED ON VISUAL ESTIMATES

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

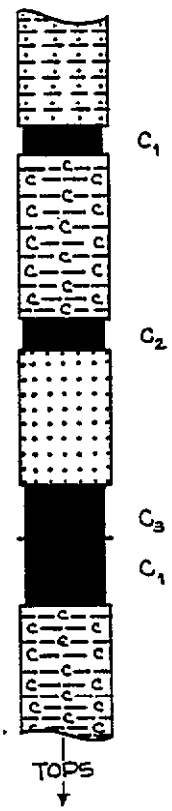
1978
BELCOURT TRENCH DETAIL
H-78-15
HUGENOT

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL	
	0.23	C_1
1.12		
	0.18	C_2
0.90		
	0.36	C_3
	0.46	C_1
2.02	1.23	

3.25



NOTE: THIS SEQUENCE IS OVERTURNED.

LEGEND

- C_1 COAL 0 - 10 % ash
- C_2 COAL 11 - 20 % ash
- C_3 COAL 21 - 30 % ash

BASED ON VISUAL ESTIMATES

- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

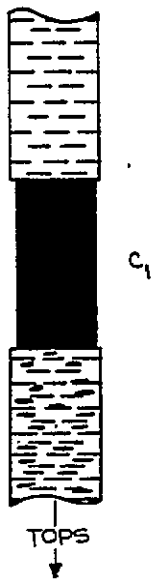
1978
BELCOURT TRENCH DETAIL

H-78-16
HUGENOT

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL
1.15	1.15
	1.15



NOTE: THIS SEQUENCE IS OVERTURNED.

LEGEND

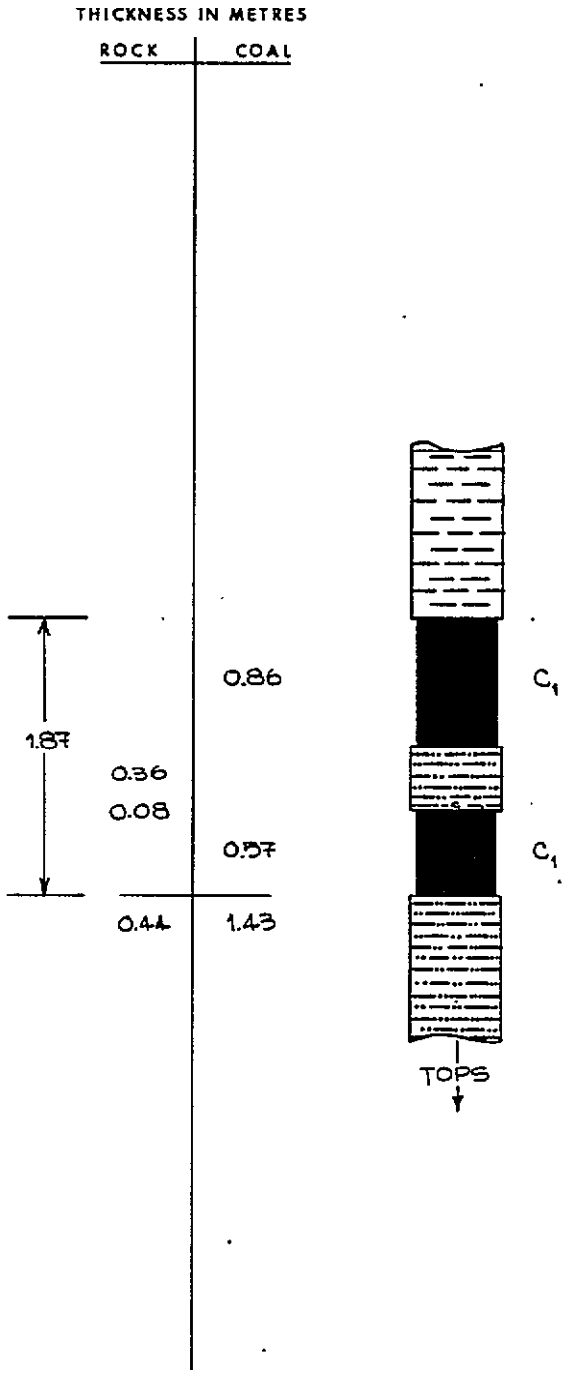
C_1 COAL 0 - 10 % ash
C_2 COAL 11 - 20 % ash
C_3 COAL 21 - 30 % ash
} BASED ON VISUAL ESTIMATES

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
H-78-18
HUGENOT

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



NOTE: THIS SEQUENCE IS OVERTURNED.

LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
} BASED ON VISUAL ESTIMATES

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

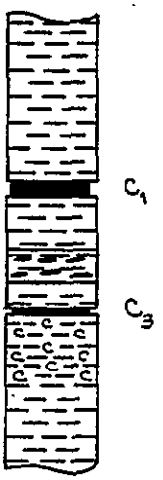
1978
BELCOURT TRENCH DETAIL
H-78-19
HUGENOT

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL
0.40	0.10
0.20	
0.14	0.04
0.74	0.14

0.88



LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30% ash
} BASED ON VISUAL ESTIMATES

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

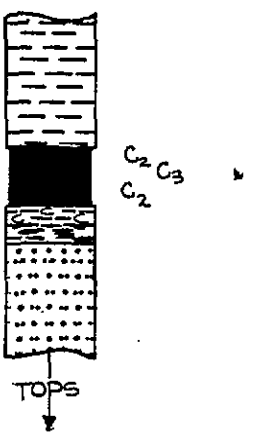
DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
H-78-20
HUGENOT

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL
0.41	0.05
	0.30
	0.06
	0.41



NOTE: THIS SEQUENCE IS OVERTURNED.

LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

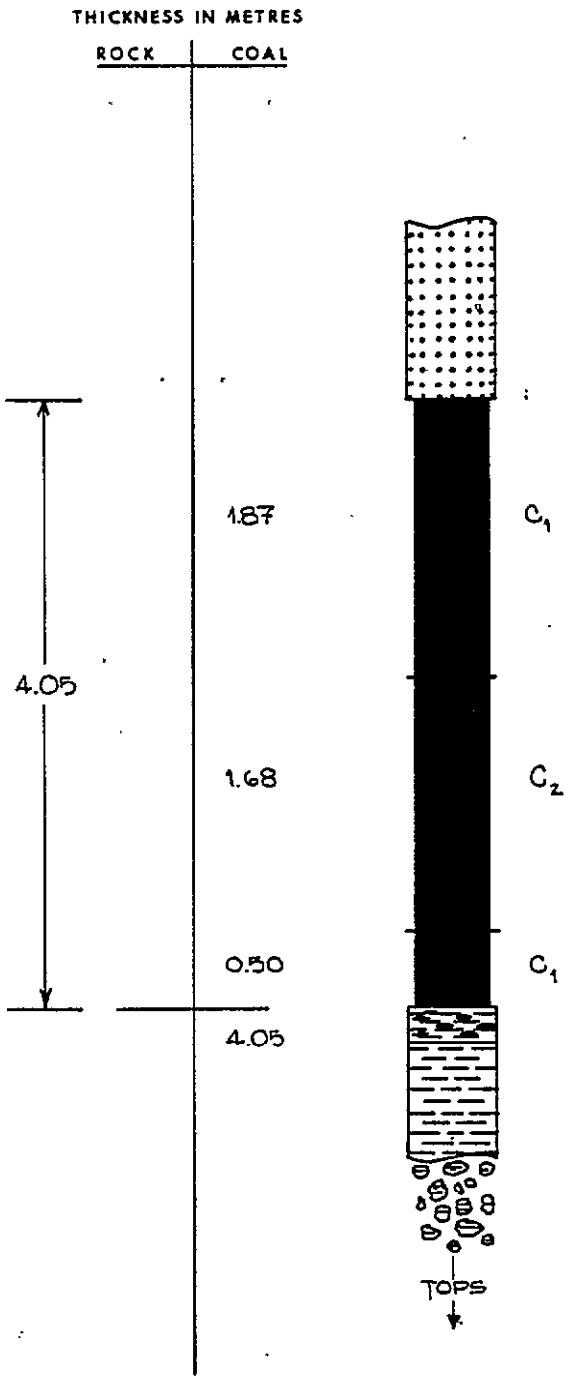
} BASED ON VISUAL ESTIMATES

- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
H-78-21
HUGENOT

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



NOTE: THIS SEQUENCE IS OVERTURNED.

LEGEND

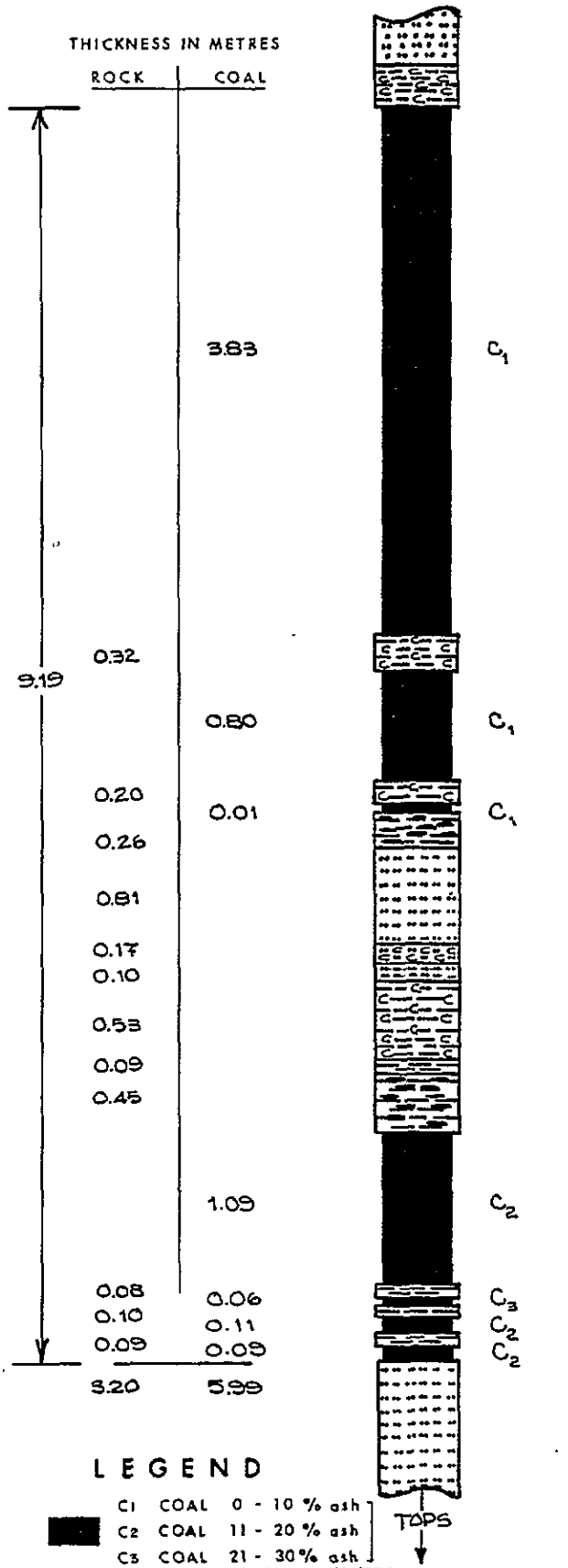
C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
} BASED ON VISUAL ESTIMATES

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
H-78-23
HUGENOT

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
BASED ON VISUAL ESTIMATES

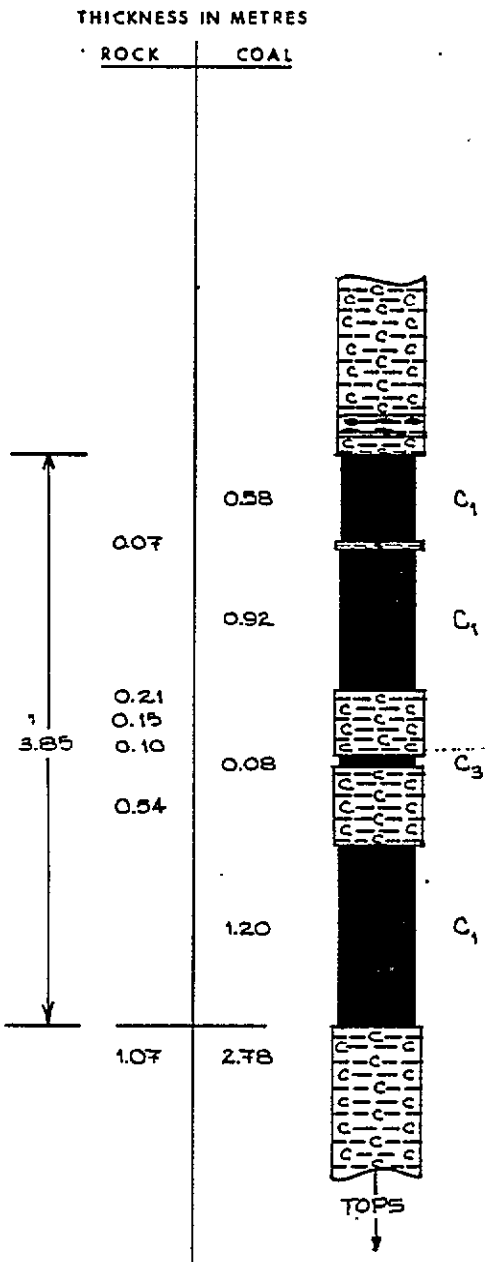
- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

NOTE: THIS SEQUENCE IS OVERTURNED.

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
H-78-24
HUGENOT

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



NOTE: THIS SEQUENCE IS OVERTURNED.

LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

} BASED ON VISUAL ESTIMATES

- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

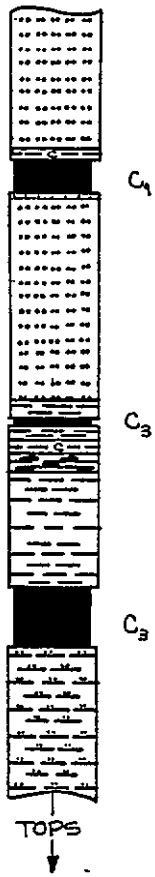
DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
H-78-25
HUGENOT

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL	
0.05	0.23	C_1
1.40		
3.63		
0.09	0.07	C_3
0.12		
0.08		
0.18		
1.00		
	0.41	C_3
2.92	0.71	



NOTE: THIS SEQUENCE IS OVERTURNED.

LEGEND

- C_1 COAL 0 - 10 % ash
- C_2 COAL 11 - 20 % ash
- C_3 COAL 21 - 30 % ash

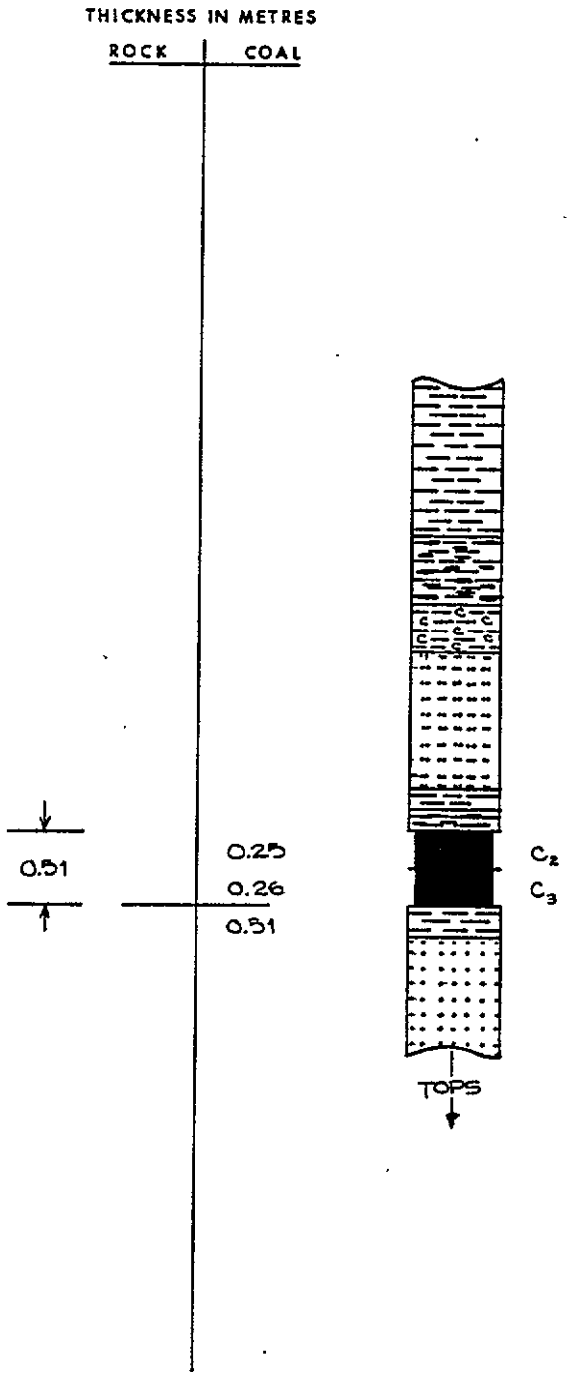
BASED ON VISUAL ESTIMATES

- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
H-78-27
HUGENOT

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



NOTE: THIS SEQUENCE IS OVERTURNED.

LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30% ash

} BASED ON VISUAL ESTIMATES

- STONEY-BONEY >31% ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

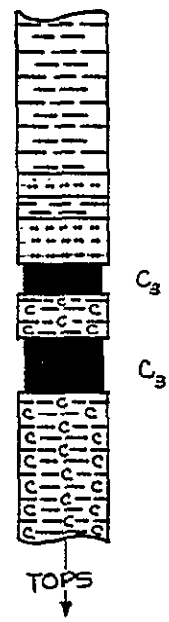
DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
H-78-28
HUGENOT

DRAWN BY:	DATE: Nov. 78	SCALE: 1:50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL
	0.20
0.87	
0.30	
	0.37
0.30	0.57



NOTE: THIS SEQUENCE IS OVERTURNED.

LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30% ash

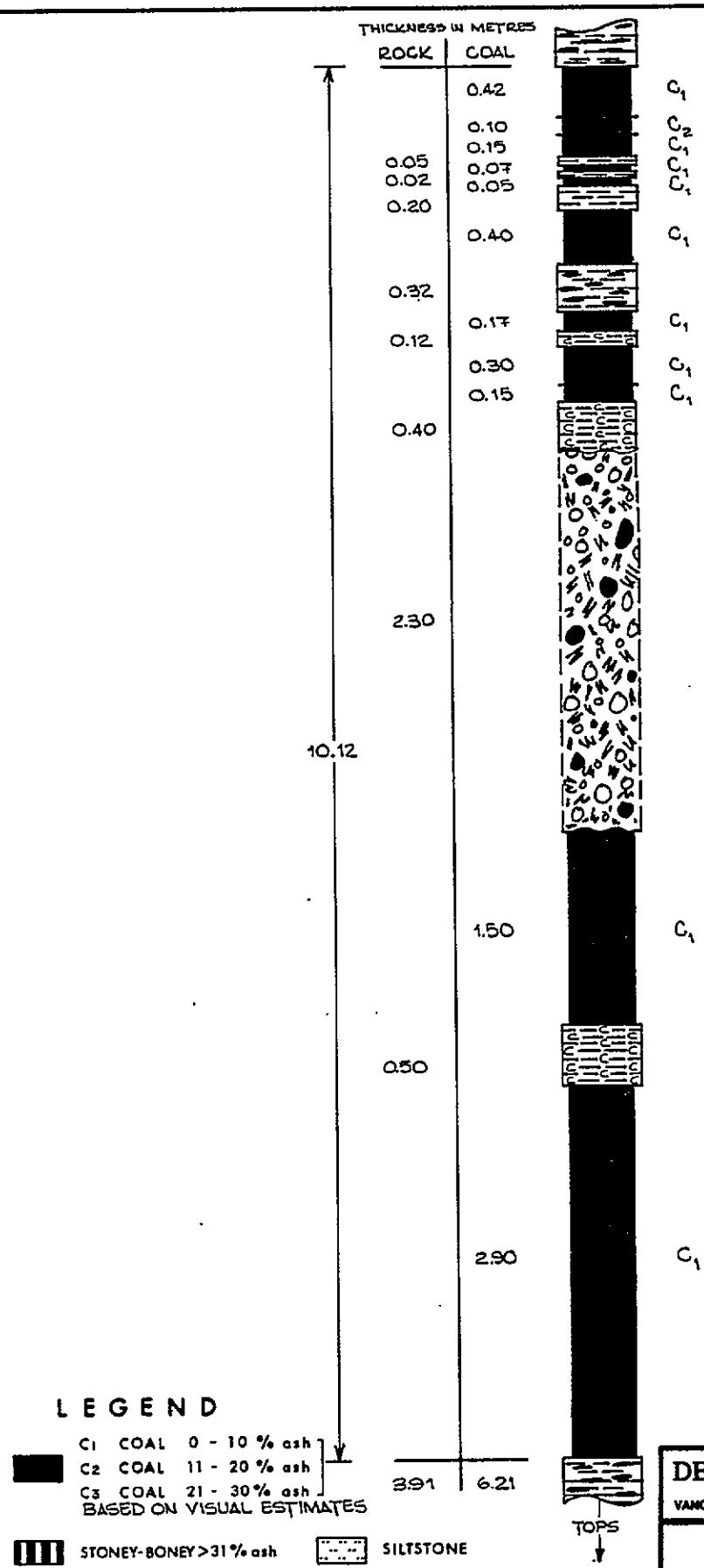
(BASED ON VISUAL ESTIMATES)

- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
H-78-30
HUGENOT

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
BASED ON VISUAL ESTIMATES

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

NOTE: THIS SEQUENCE IS OVERTURNED.

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL

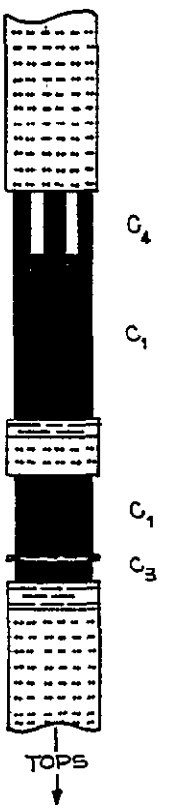
H-78-31
HUGENOT

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL	
0.40	0.40	C_4
	1.08	C_1
0.15		
0.26		
	0.55	C_1
0.04	0.16	C_3
0.85	1.79	

2.64



NOTE: THIS SEQUENCE IS OVERTURNED.

LEGEND

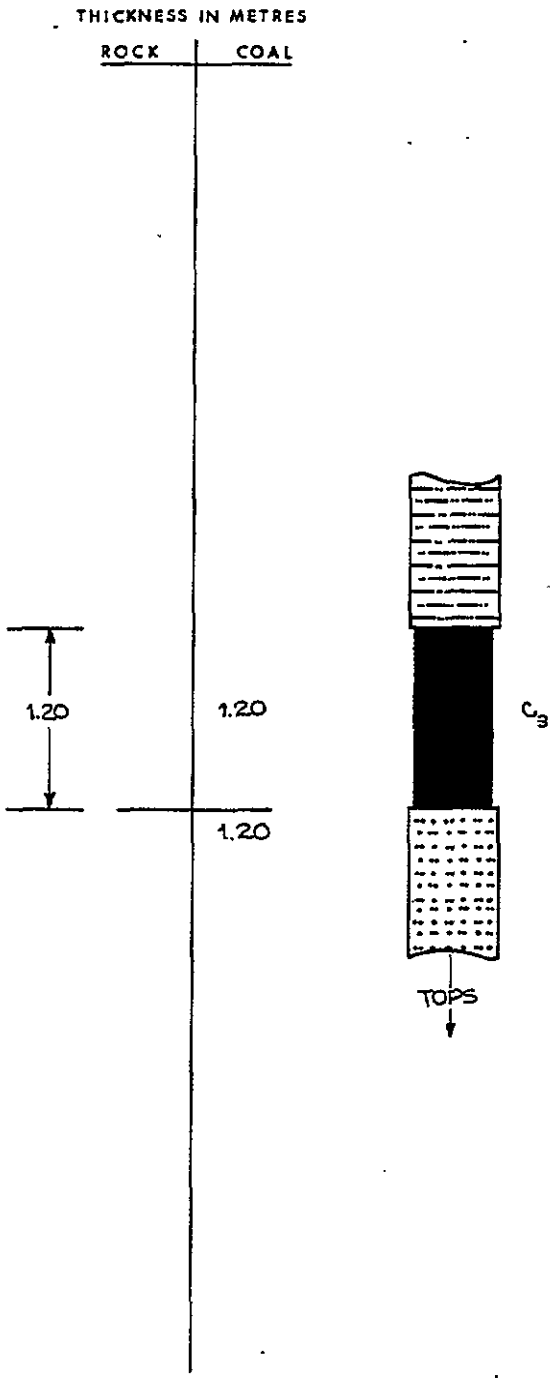
C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
} BASED ON VISUAL ESTIMATES

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
H-78-33
HUGENOT

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



NOTE: THIS SEQUENCE IS OVERTURNED.

LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30% ash

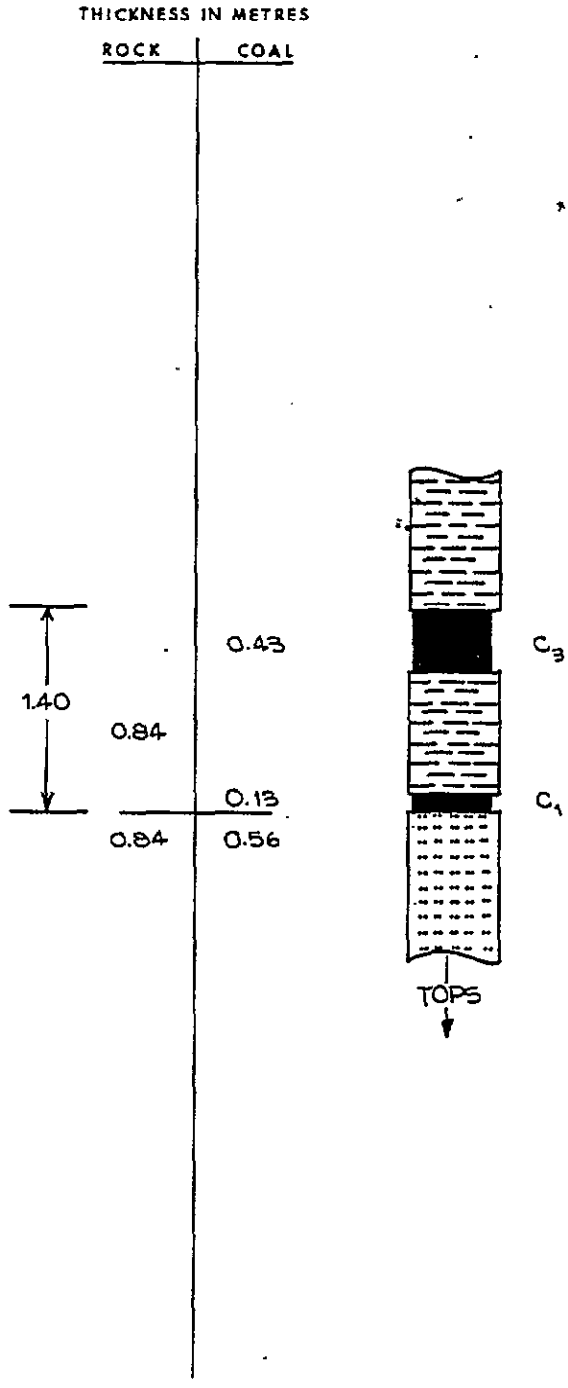
} BASED ON VISUAL ESTIMATES

- STONEY-BONEY >31% ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
H-78-34
HUGENOT

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



NOTE: THIS SEQUENCE IS OVERTURNED.

LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

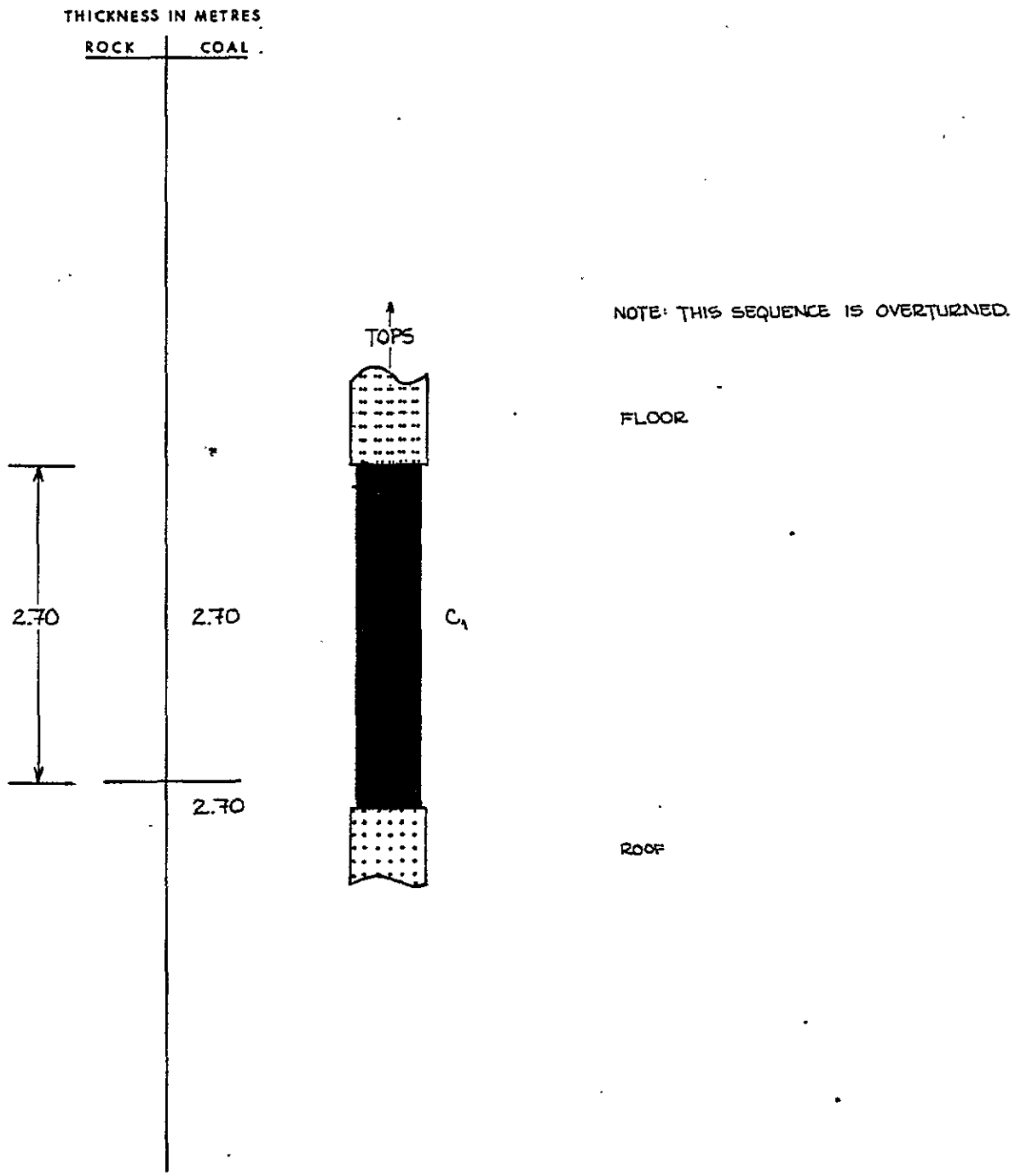
} BASED ON VISUAL ESTIMATES

- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
H-78-35
HUGENOT

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

} BASED ON VISUAL ESTIMATES

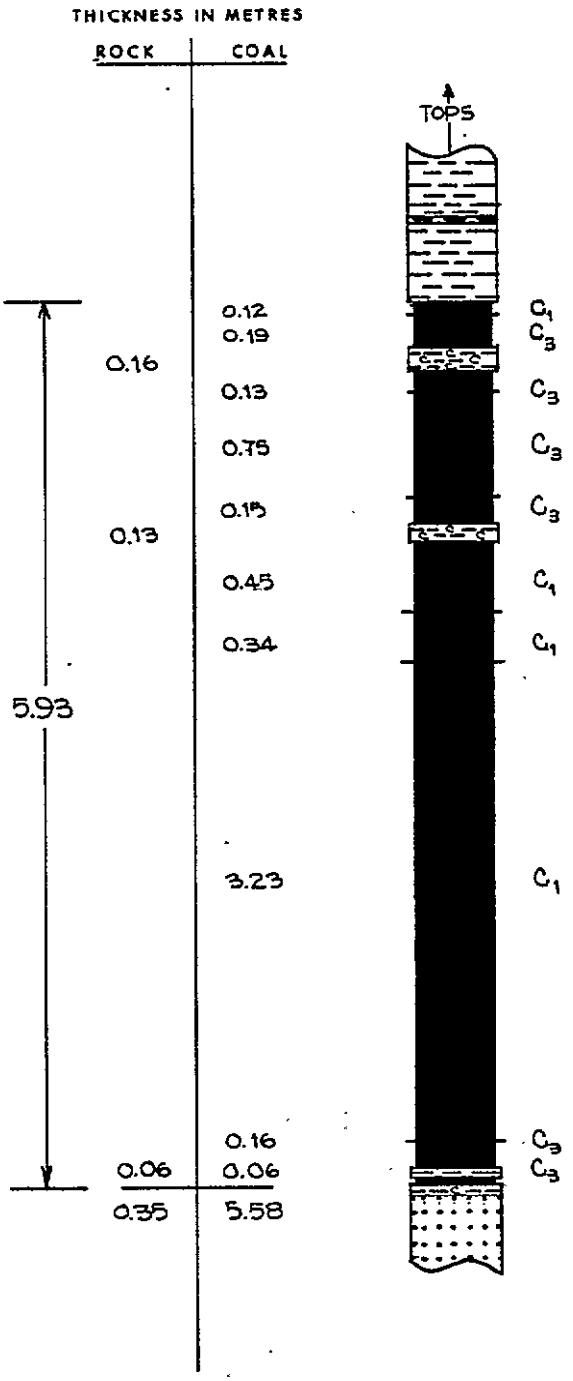
- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL.

H-78-36
HUGENOT

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0618-R01



NOTE: THIS SEQUENCE IS OVERTURNED.

FLOOR

ROOF

LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

} BASED ON VISUAL ESTIMATES

- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

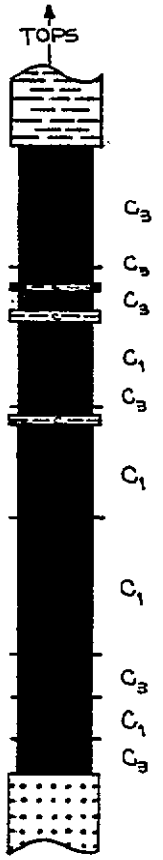
1978
BELCOURT TRENCH DETAIL

H-78-57
HUGENOT

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL		
	0.75	C_3	
	0.18	C_3	
0.04	0.15	C_3	
0.06			
	0.57	C_1	
	0.08	C_3	
0.05			4.21
	0.66	C_1	
	0.89	C_1	
	0.26	C_3	
	0.29	C_1	
	0.23	C_3	
0.15	4.06		



NOTE: THIS SEQUENCE IS OVERTURNED.

LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
} BASED ON VISUAL ESTIMATES

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

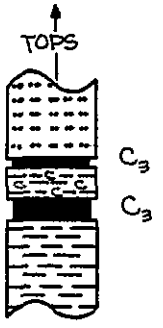
DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
H-78-39
HUGENOT

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK		COAL
		0.06
0.41	0.20	
		0.15
	0.20	0.21



NOTE: THIS SEQUENCE IS OVERTURNED.

FLOOR

ROOF

LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
} BASED ON VISUAL ESTIMATES

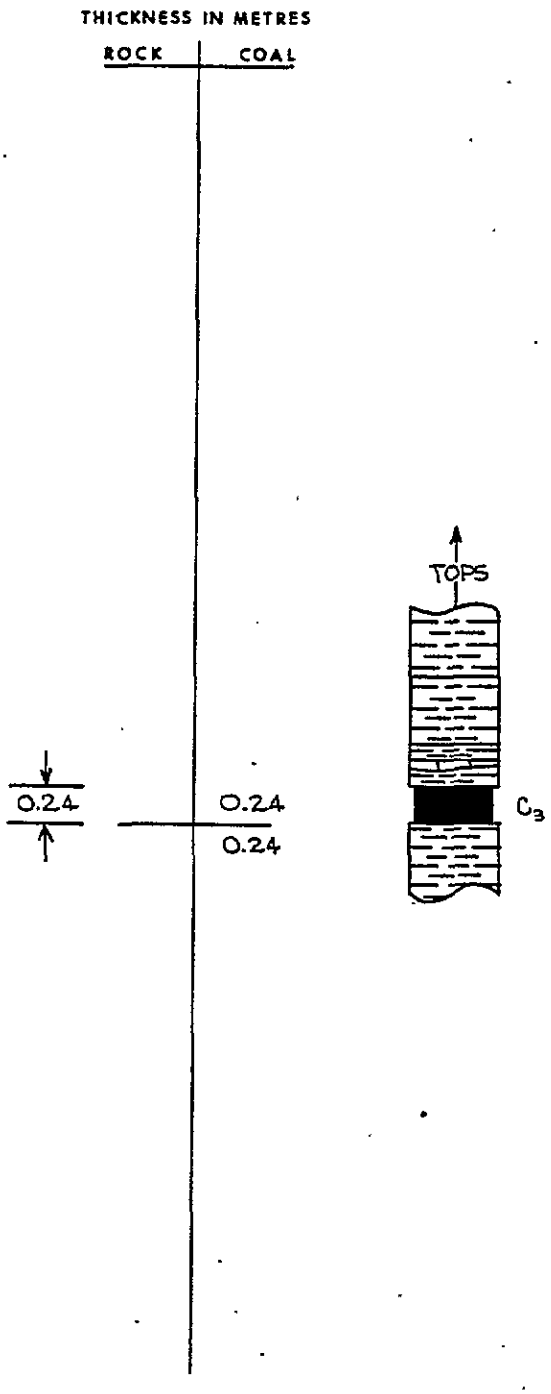
STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL

H-78-40
HUGENOT

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



NOTE: THIS SEQUENCE IS OVERTURNED.

FLOOR

ROOF

LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30% ash
} BASED ON VISUAL ESTIMATES

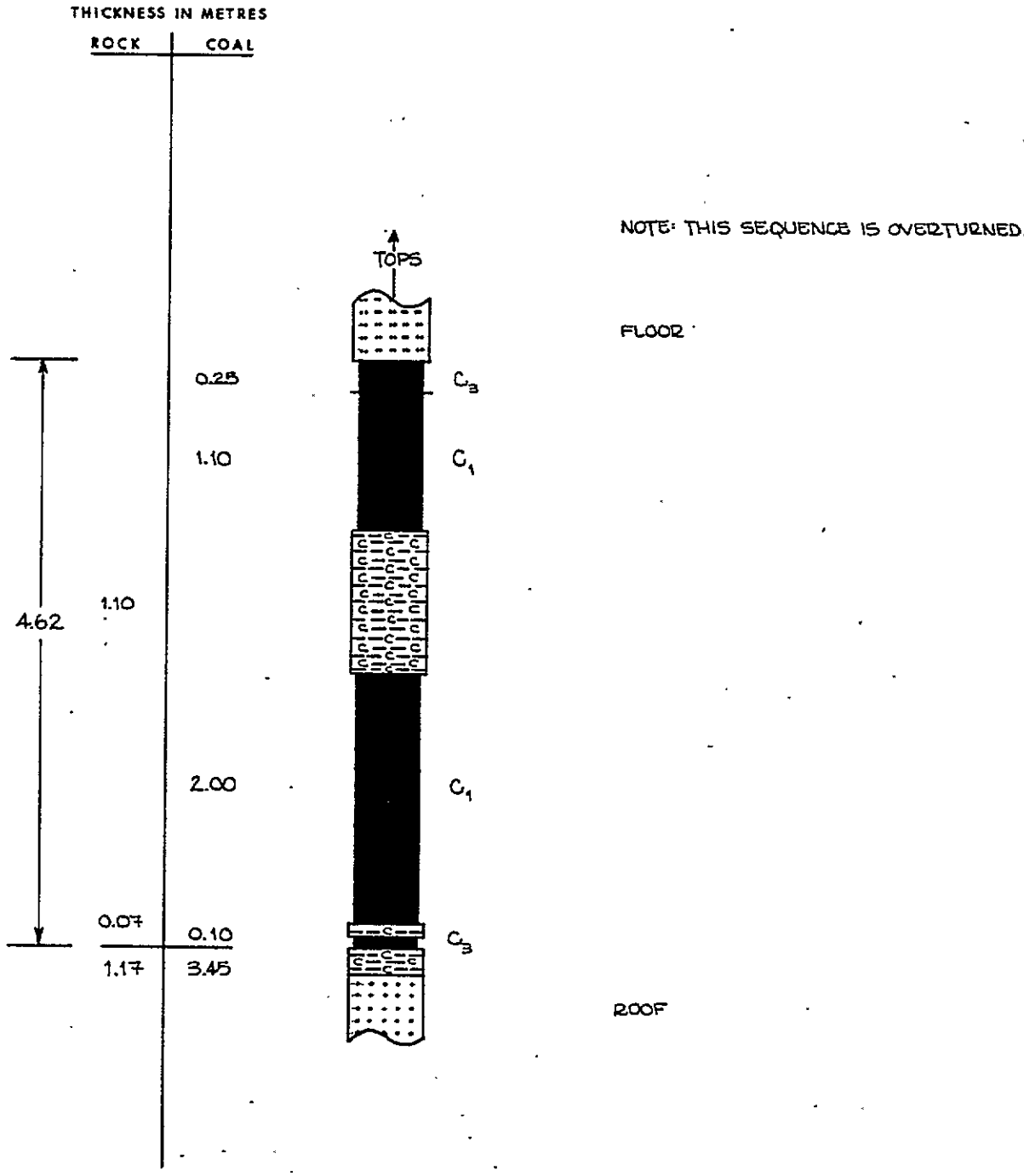
STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL

H-78-41
HUGENOT

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

BASED ON VISUAL ESTIMATES

- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

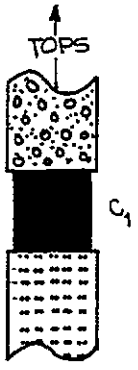
DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
H-78-42
HUGENOT

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL
0.53	0.53
0.53	



NOTE: THIS SEQUENCE IS OVERTURNED.

LEGEND

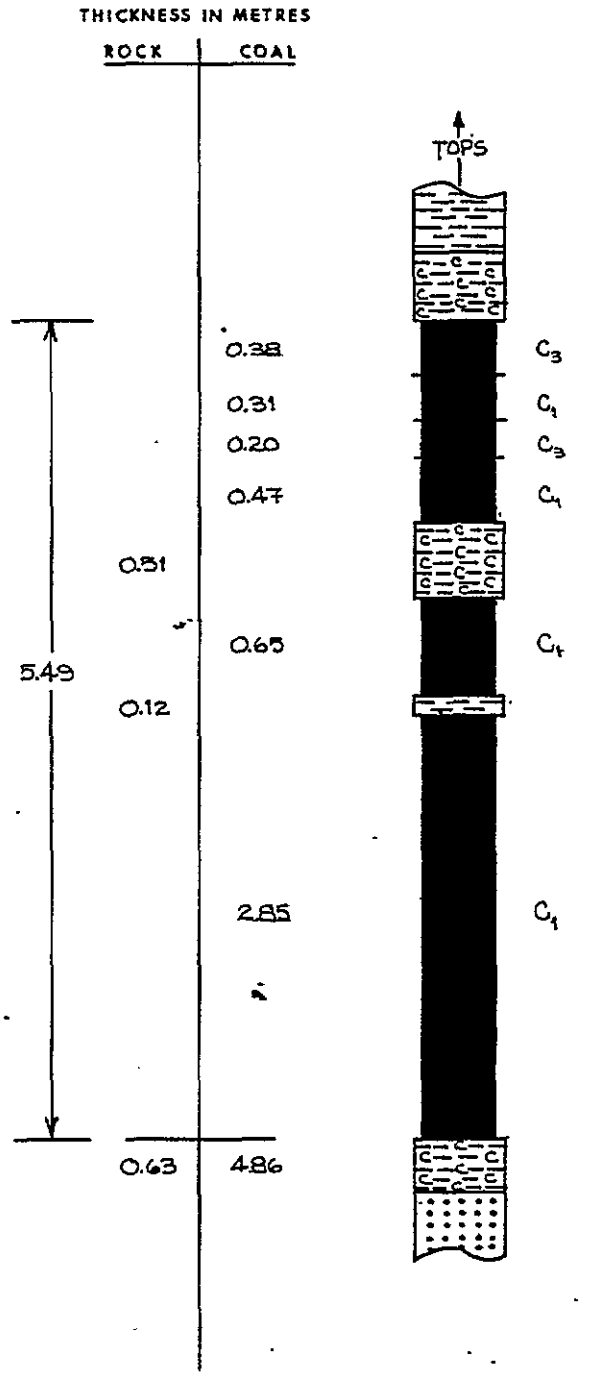
C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30% ash
} BASED ON VISUAL ESTIMATES

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
H-78-43
HUGENOT

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



NOTE: THIS SEQUENCE IS OVERTURNED.

LEGEND

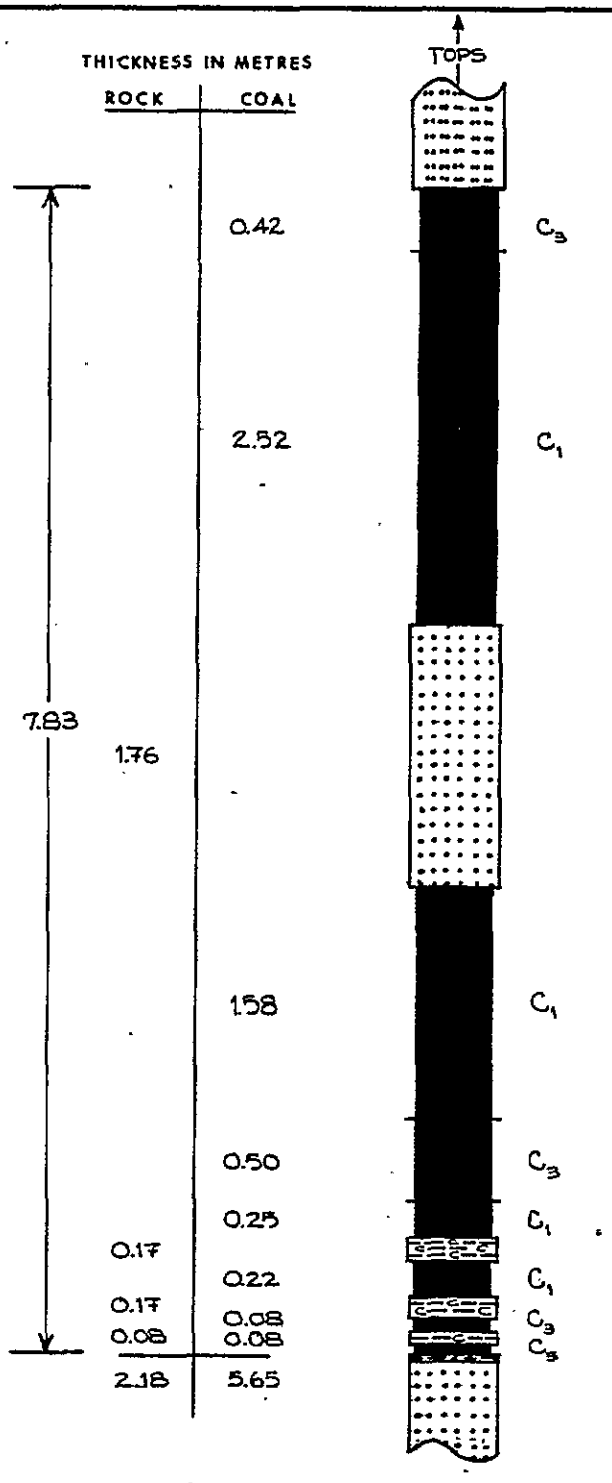
C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30% ash
} BASED ON VISUAL ESTIMATES

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
H-78-45
HUGENOT

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



NOTE: THIS SEQUENCE IS OVERTURNED.

FLOOR

ROOF

LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
BASED ON VISUAL ESTIMATES

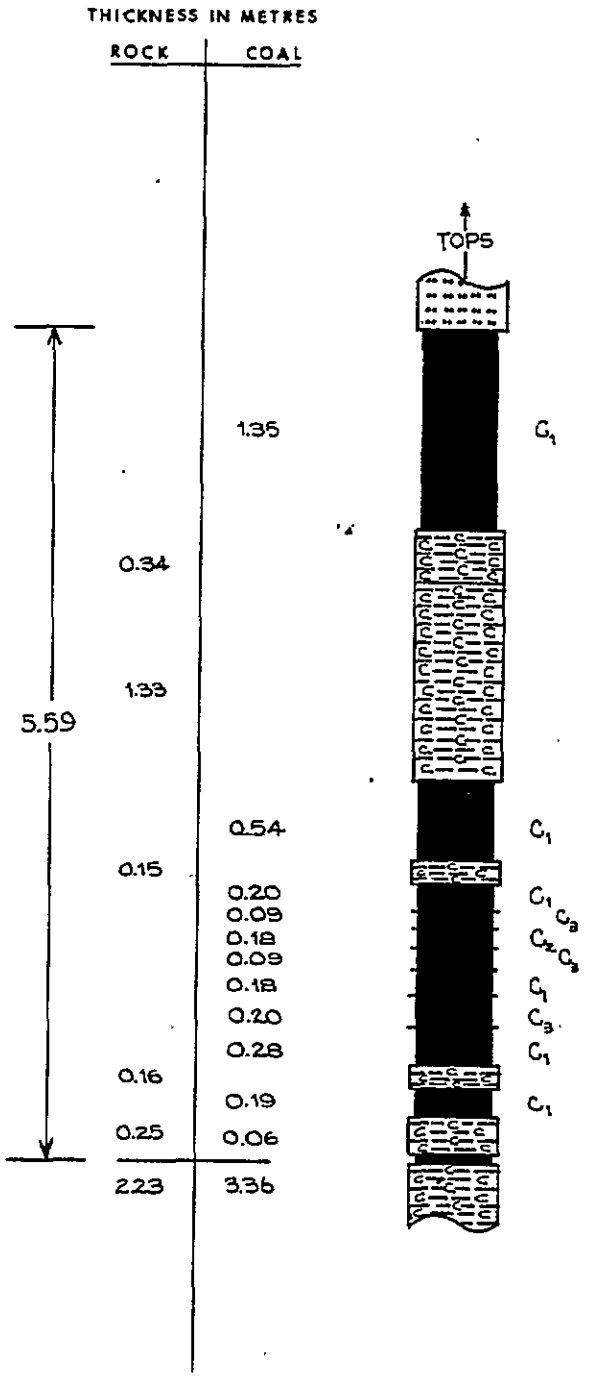
STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL

H-78-46
HUGENOT

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

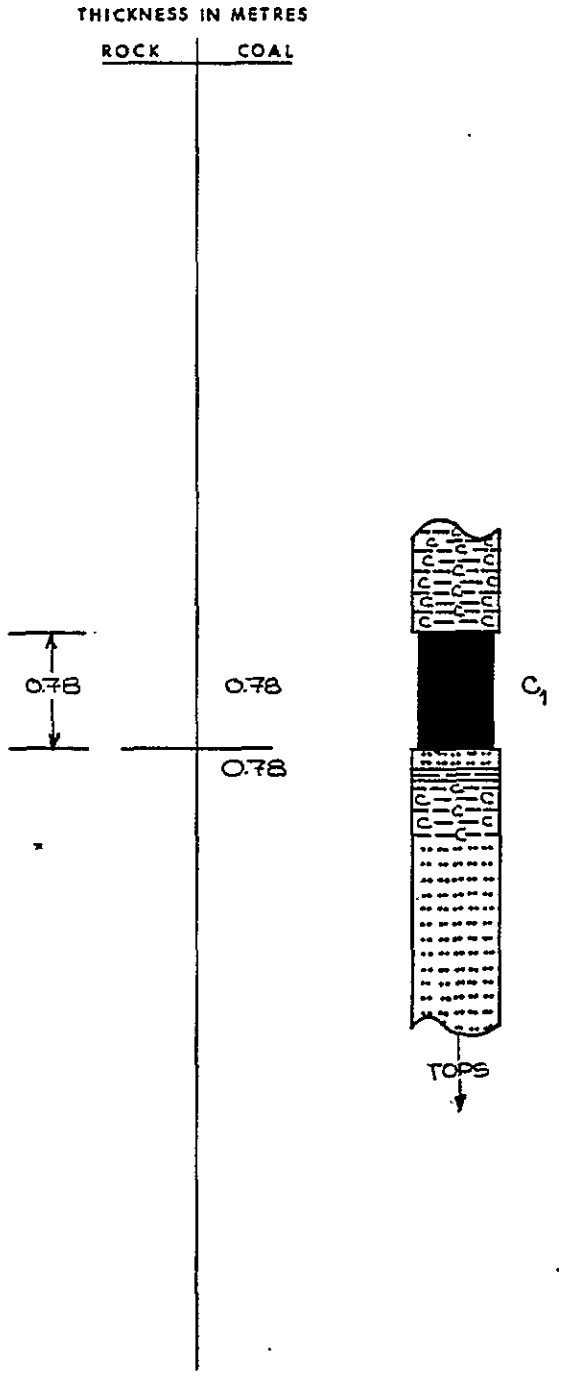
} BASED ON VISUAL ESTIMATES

- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
H-78-47
HUGENOT

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



NOTE: THIS SEQUENCE IS OVERTURNED.

LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
} BASED ON VISUAL ESTIMATES

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL

H-78-48
HUGENOT

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL	
	3.75	C_1
6.70		
	0.66	C_1
0.35		
	0.45	C_3
0.05		
	0.18	C_2
	0.44	C_2
0.01		
	0.81	C_2
0.41	6.29	

NOTE: THIS SEQUENCE IS OVERTURNED.

LEGEND

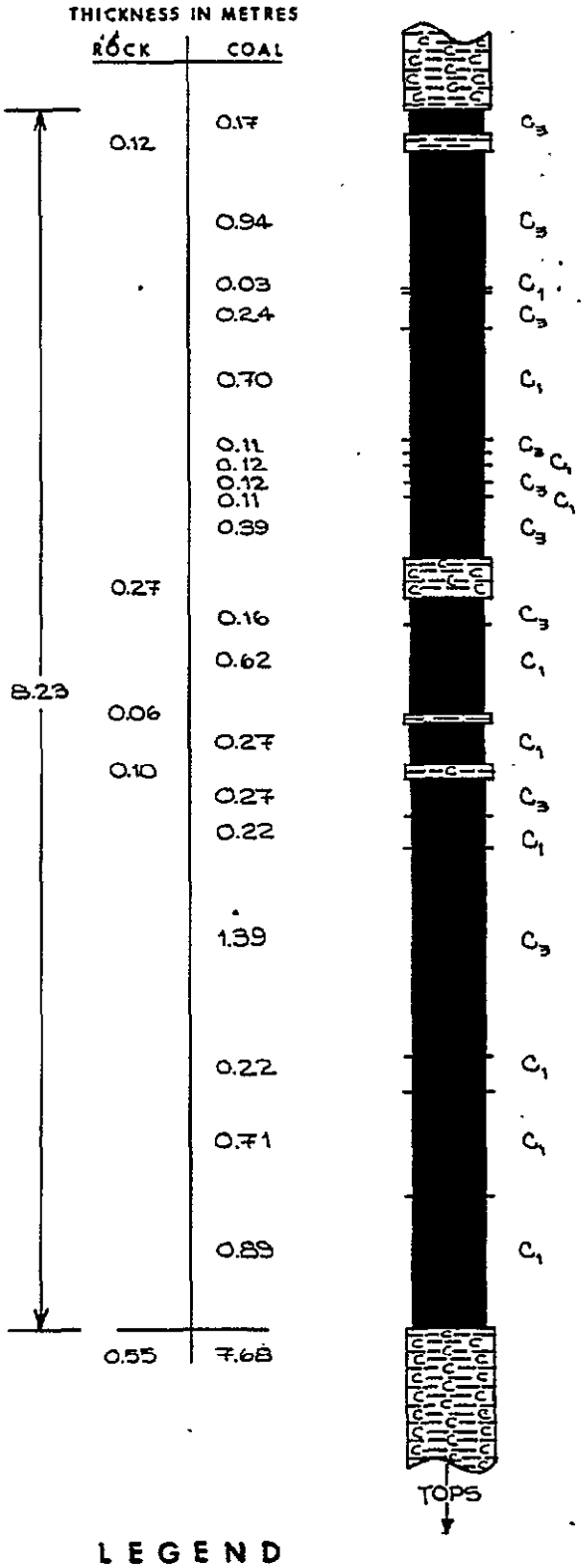
C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
} BASED ON VISUAL ESTIMATES

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
H-78-49
HUGENOT

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



NOTE: THIS SEQUENCE IS OVERTURNED.

LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

BASED ON VISUAL ESTIMATES

- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

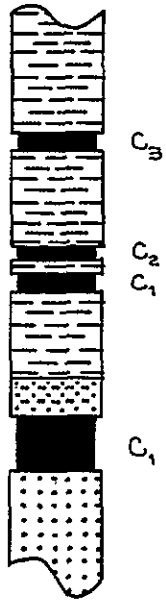
DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
H-78-50
HUGENOT

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL	
	0.10	C_3
0.10	0.10	C_2
	0.10	C_1
1.59		
0.60		
0.25		
	0.34	C_1
0.95	0.64	



LEGEND

- C_1 COAL 0 - 10 % ash
- C_2 COAL 11 - 20 % ash
- C_3 COAL 21 - 30 % ash

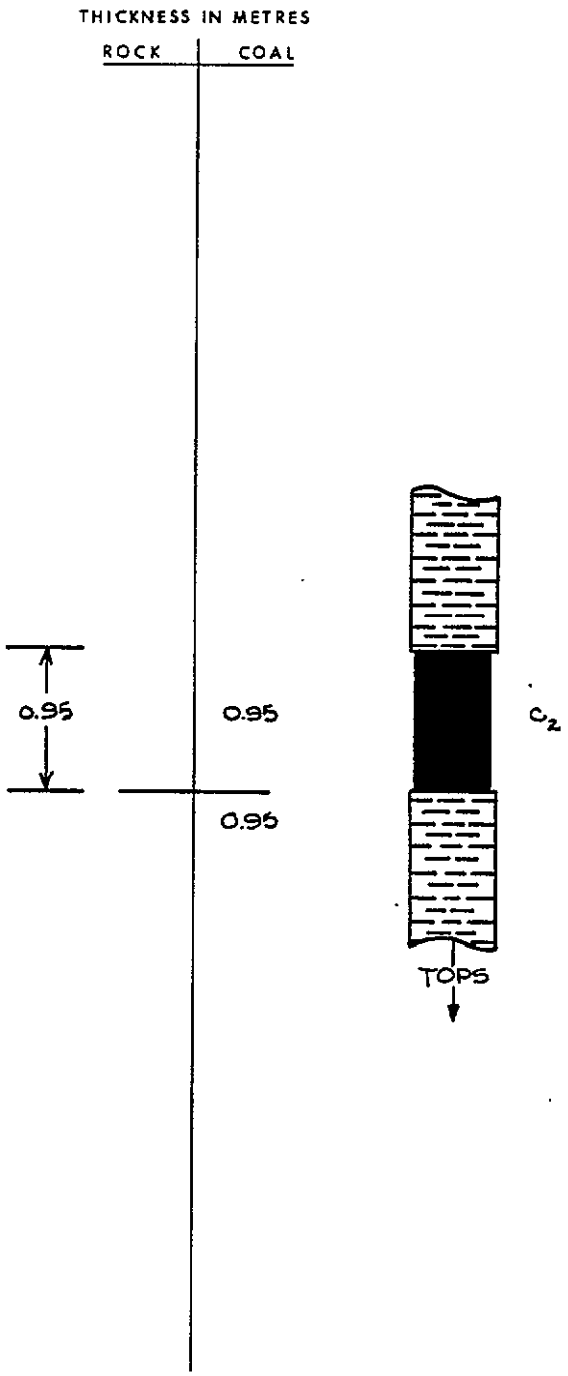
} BASED ON VISUAL ESTIMATES

- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
H-78-51
HUGENOT

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



NOTE: THIS SEQUENCE IS OVERTURNED.

LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

} BASED ON VISUAL ESTIMATES

- STONEY-BONEY > 31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
H-78-54
HUGENOT

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL
	0·41
	0·41

LEGEND

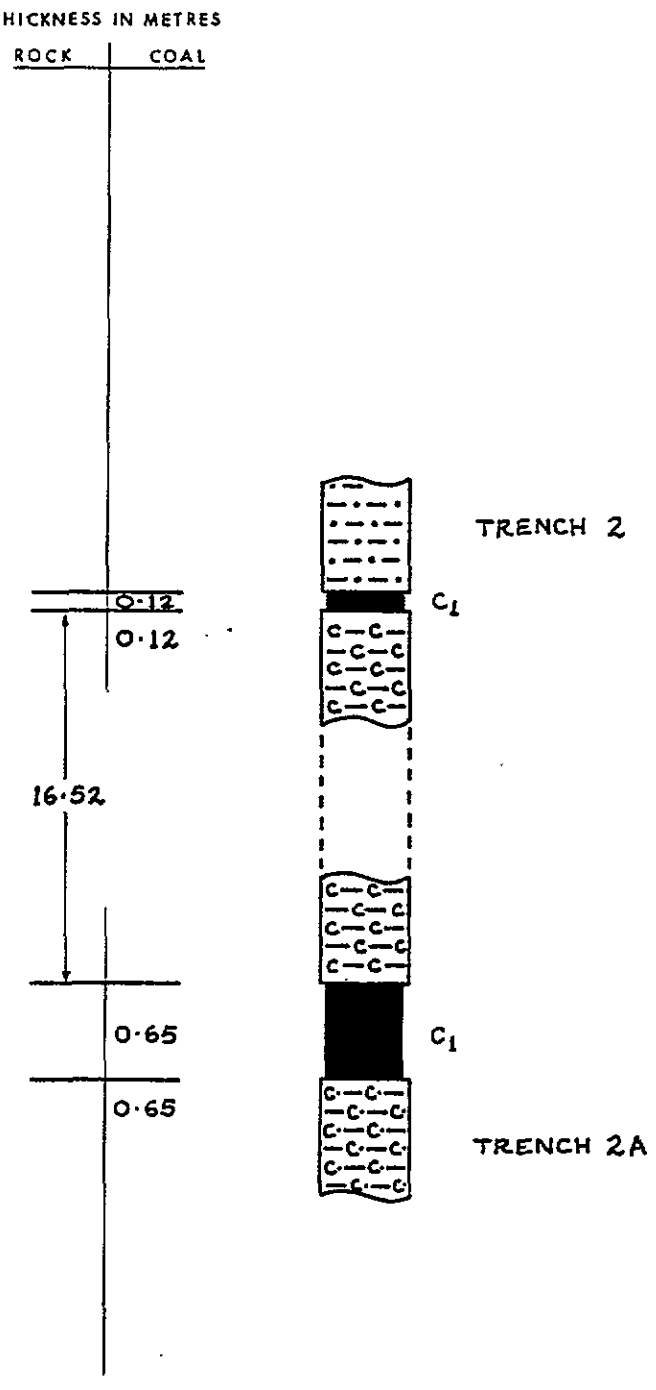
C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30% ash

STONEY-BONEY >31% ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
PTARMIGAN BLOCK
P-78-1

DRAWN BY:	DATE: Nov. 78	SCALE. 1:50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

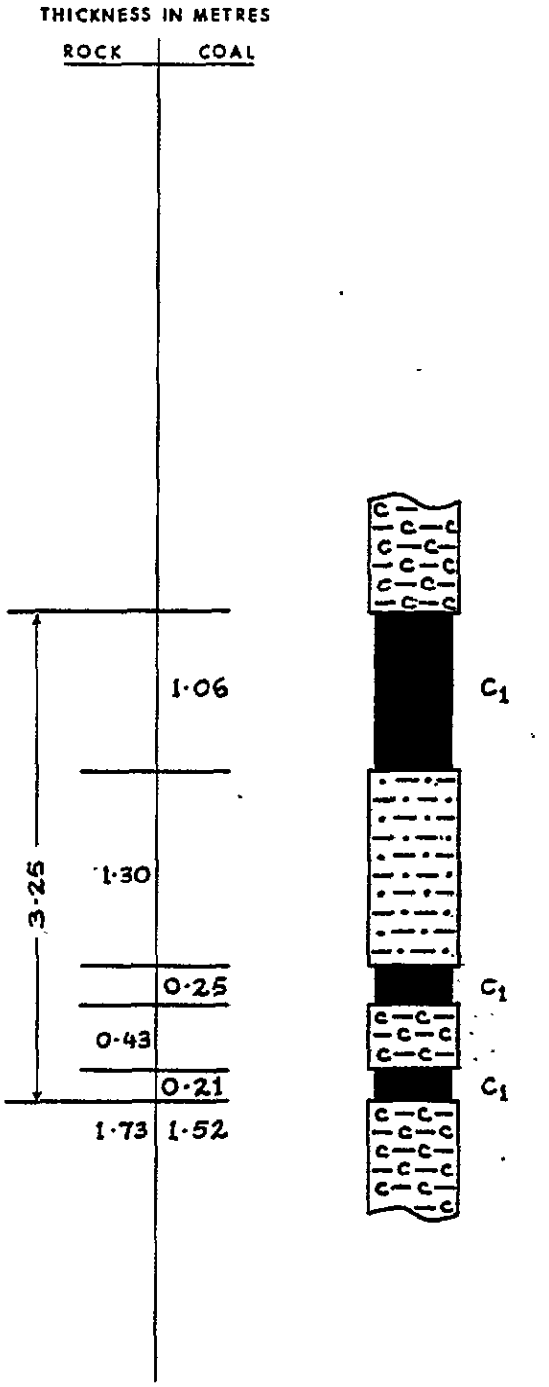
C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
PTARMIGAN BLOCK
P-78-2 & 2A

DRAWN BY:	DATE. Nov. 78	SCALE. 1:50
PREPARED BY:	DATE.	DRAWING NUMBER
APPROVED BY:	DATE.	BLCR78-0818-R01



LEGEND

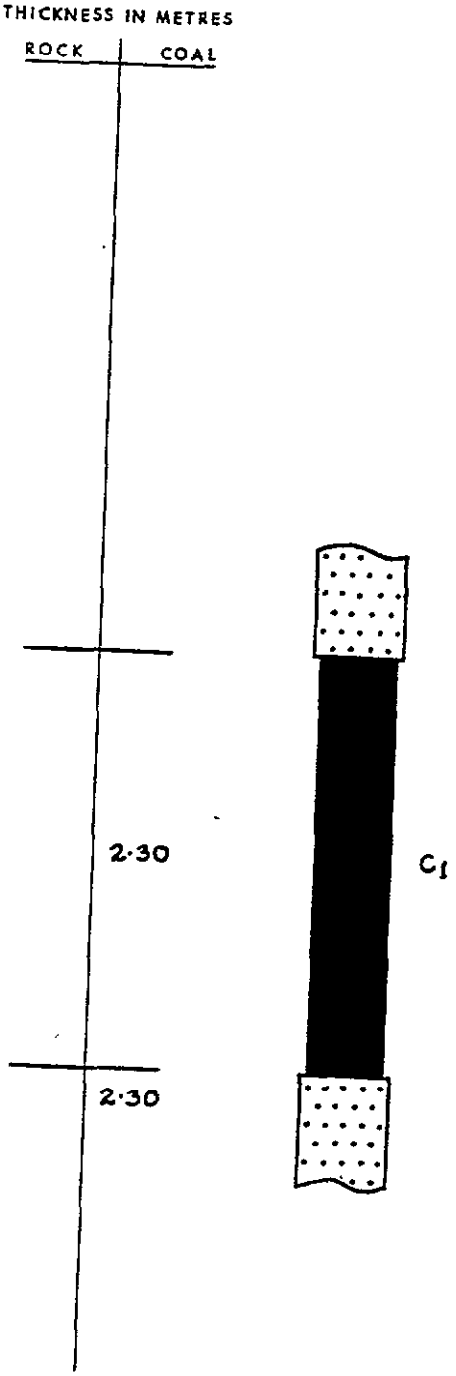
C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
PTARMIGAN BLOCK
P-78-3

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30% ash

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

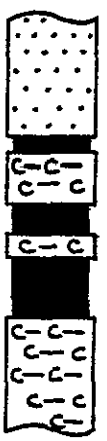
1978
BELCOURT TRENCH DETAIL
PTARMIGAN BLOCK
P-78-4

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER BLCR78-0818-R01
APPROVED BY:	DATE:	

THICKNESS IN METRES

ROCK	COAL
	0·10
0·35	
	0·23
0·16	
	0·40
0·51	0·73

1·24



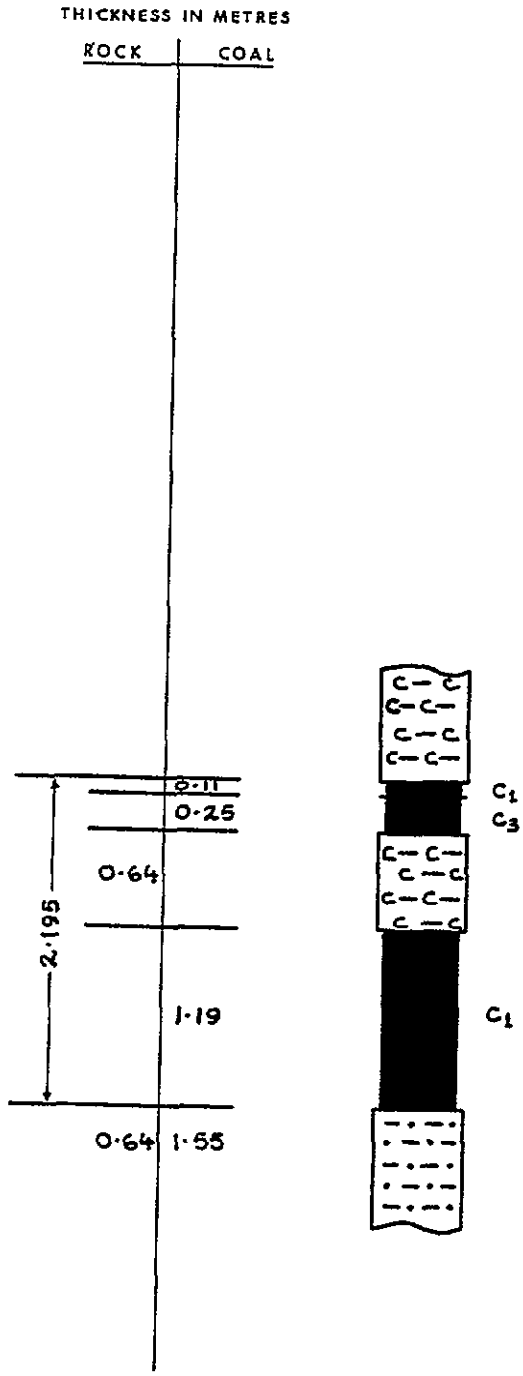
LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash
- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
PTARMIGAN BLOCK
P-78-5

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30% ash

STONEY-BONEY >31% ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

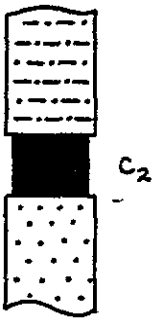
DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
PTARMIGAN BLOCK
P-78-6

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL
	0·42
	0·42



LEGEND

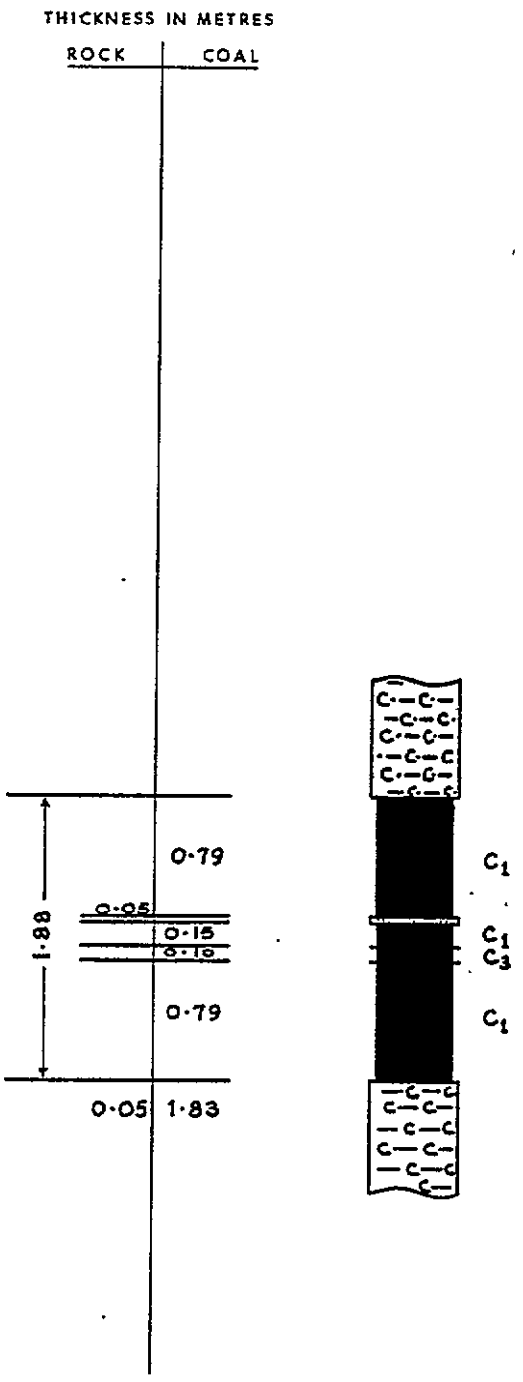
C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
PTARMIGAN BLOCK
P-78-6A

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30% ash

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
PTARMIGAN BLOCK
P-78-7

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE.	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL
	0·32
	0·69
	1·01

LEGEND

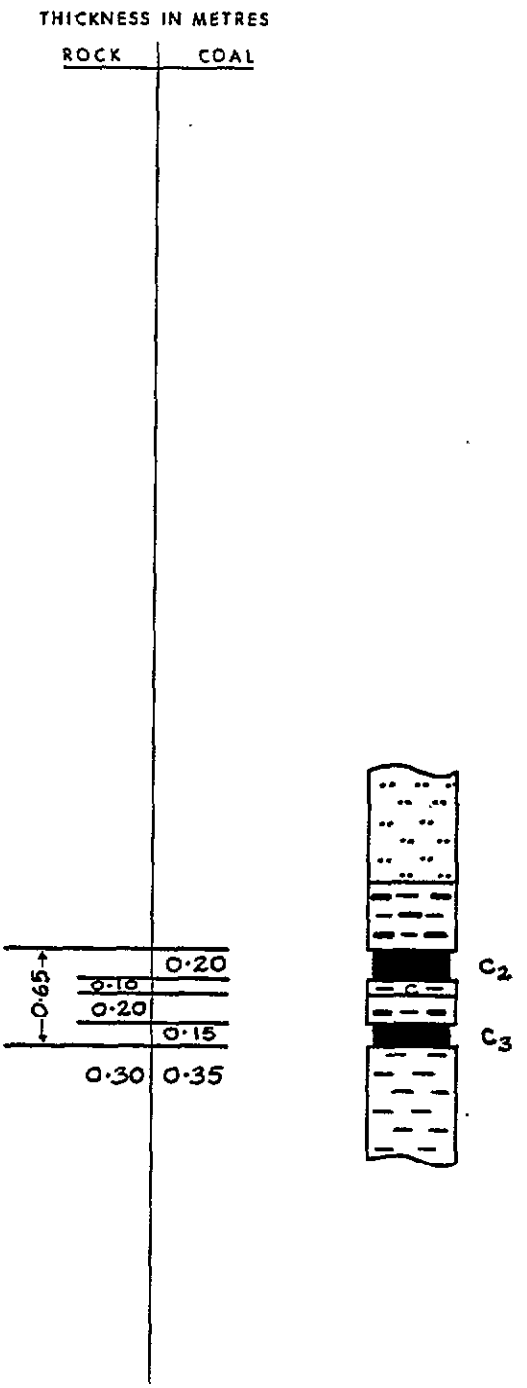
C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
PTARMIGAN BLOCK
P-78-8

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30% ash

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

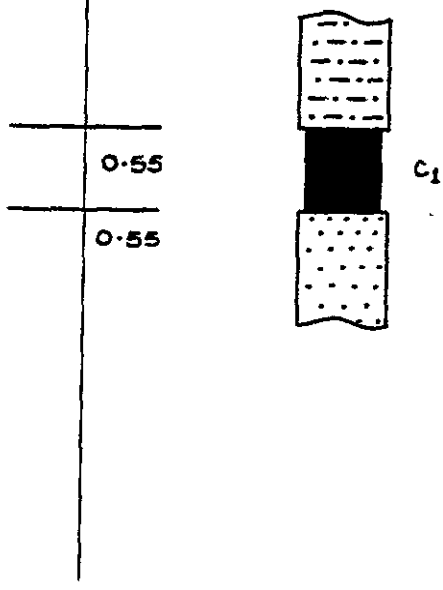
DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
PTARMIGAN BLOCK
P-78-9

DRAWN BY:	DATE: Nov. '78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL



LEGEND

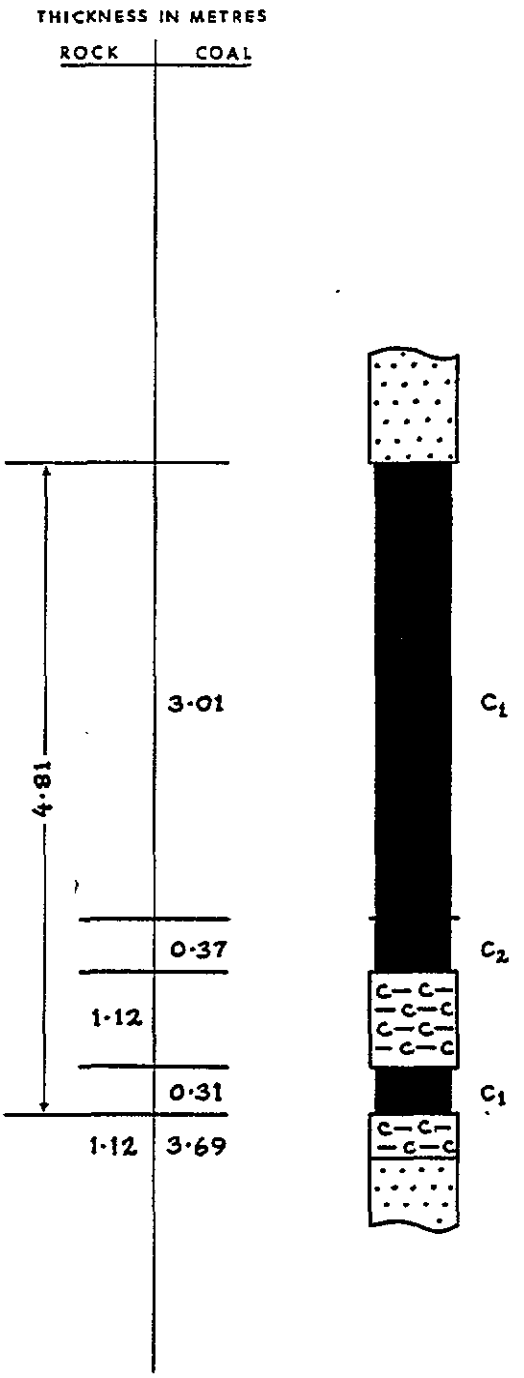
C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30% ash

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
PTARMIGAN BLOCK
P-78-10

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

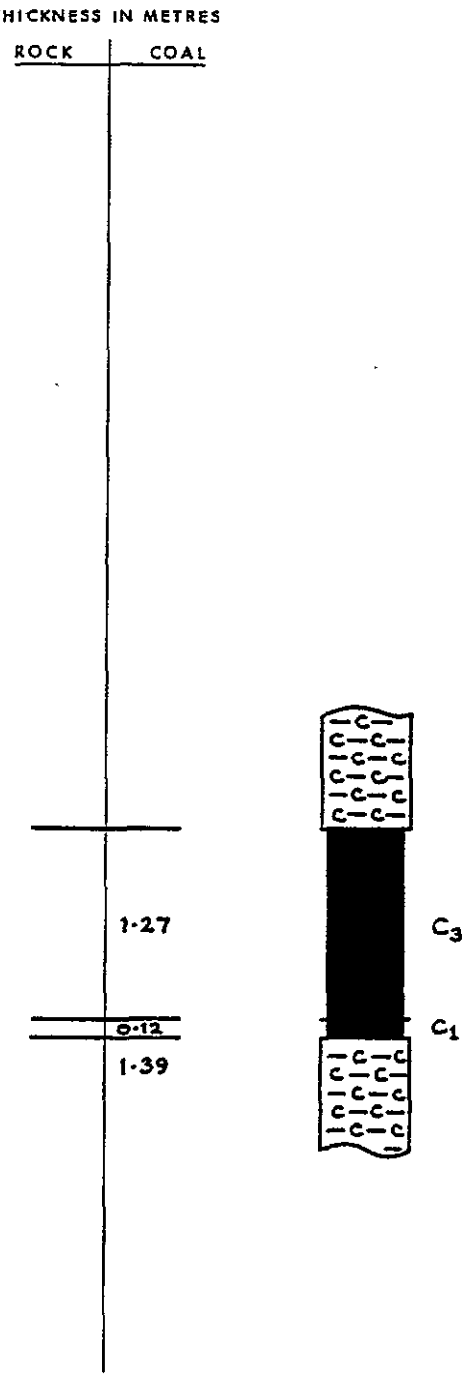
C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
PTARMIGAN BLOCK
P-78-11

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30% ash

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

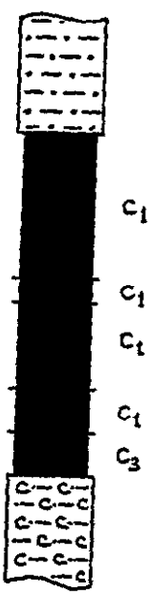
DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
PTARMIGAN BLOCK
P-78-12

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL
	1·01
0·15	
	0·57
0·29	
0·30	
	2·32



LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
Cs COAL 21 - 30 % ash

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

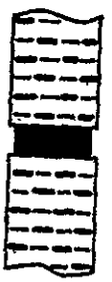
DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
PTARMIGAN BLOCK
P-78-14

DRAWN BY:	DATE: Nov. 78	SCALE: 1:50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL
0·18	
0·18	



LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
PTARMIGAN BLOCK
P-78-15

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL
	0.45
	0.45

LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30% ash

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

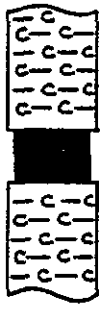
DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
PTARMIGAN BLOCK
P-78-16

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL
	0·36
	0·36



LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30% ash

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
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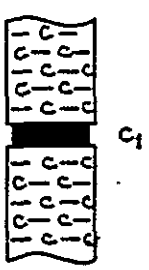
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
PTARMIGAN BLOCK
P-78-18A

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE.	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL
0·16	
0·16	



LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30% ash

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

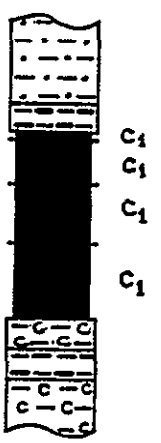
DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
PTARMIGAN BLOCK
P-78-18B

DRAWN BY:	DATE. Nov. 78	SCALE. 1 : 50
PREPARED BY:	DATE.	DRAWING NUMBER
APPROVED BY:	DATE.	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL
	0·07
0·30	
	0·34
0·50	
	1·21



LEGEND

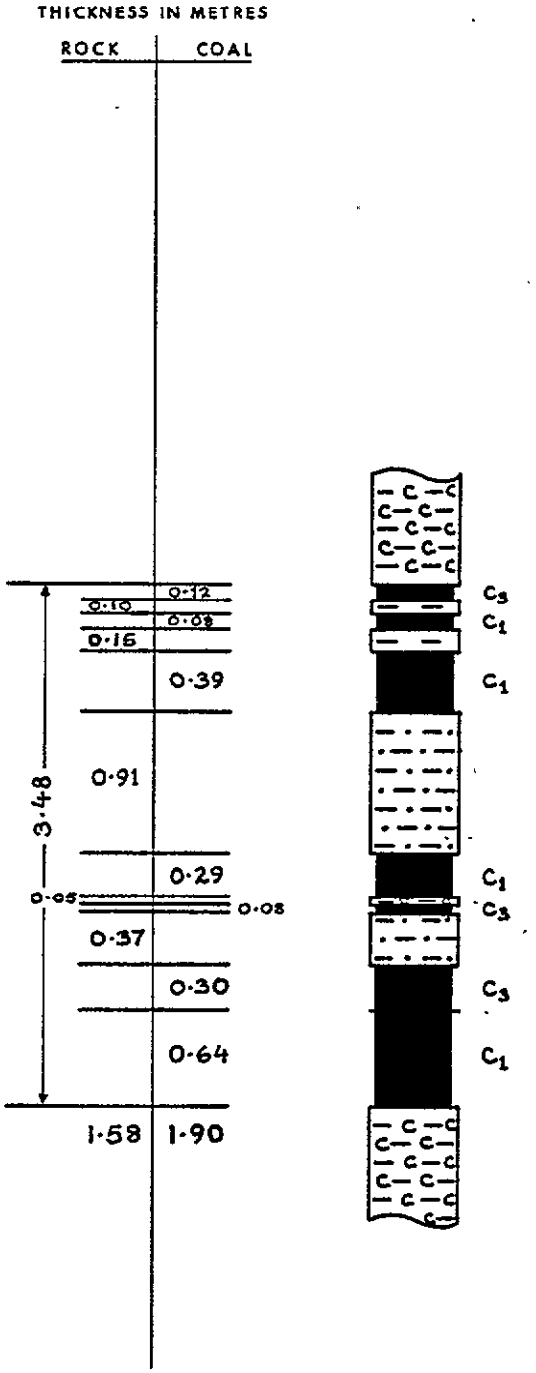
C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30% ash

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
PTARMIGAN BLOCK
P-78-19

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30% ash

STONEY-BONEY >31% ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

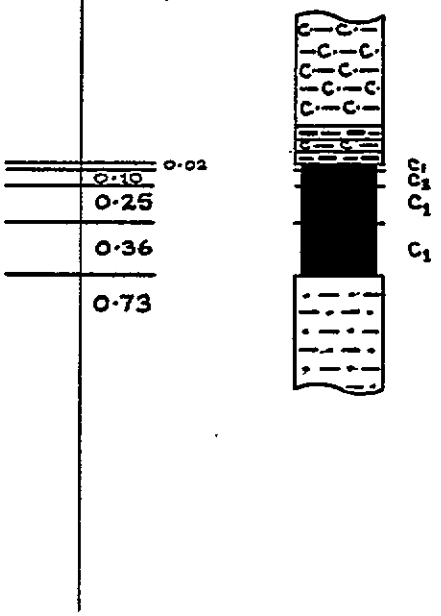
DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
PTARMIGAN BLOCK
P-78-20

DRAWN BY:	DATE. Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE.	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL



LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

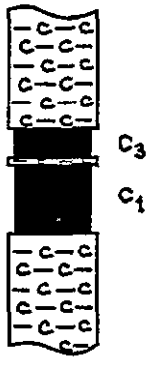
1978
BELCOURT TRENCH DETAIL
PTARMIGAN BLOCK
P-78-21

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL
	0·19
0·04	
	0·43
0·04	0·62

0·66



LEGEND

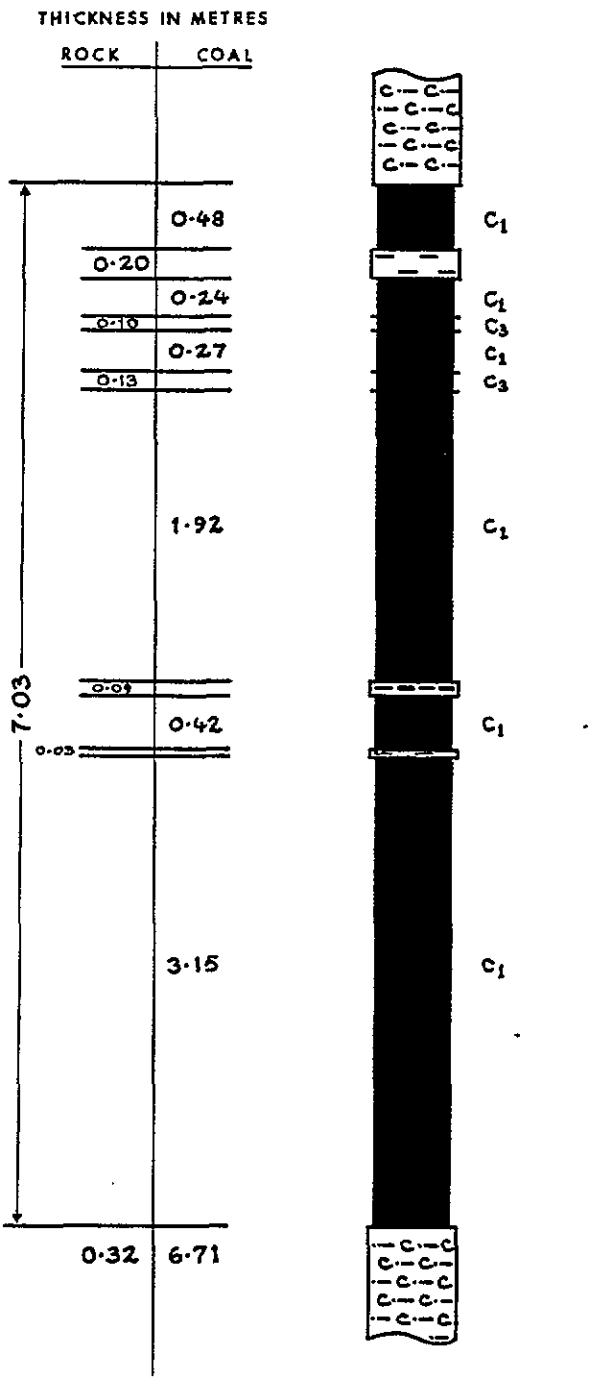
C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30% ash

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
PTARMIGAN BLOCK
P-78-22

DRAWN BY:	DATE: Nov. 78	SCALE: 1:50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

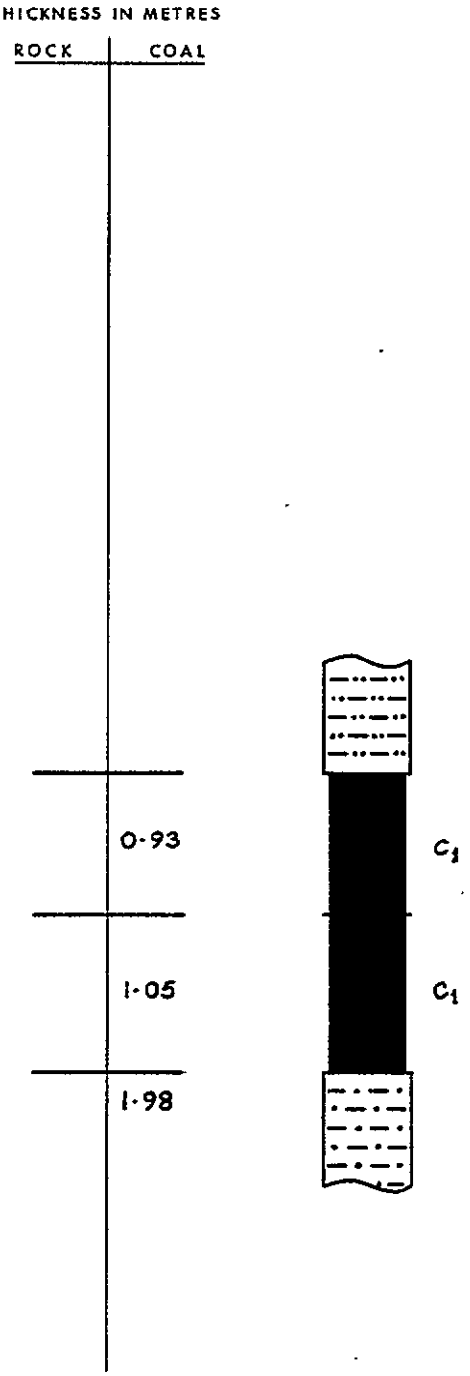
C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30% ash

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
PTARMIGAN BLOCK
P-78-23

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE.	DRAWING NUMBER
APPROVED BY:	DATE.	BLCR78-0818-R01



LEGEND

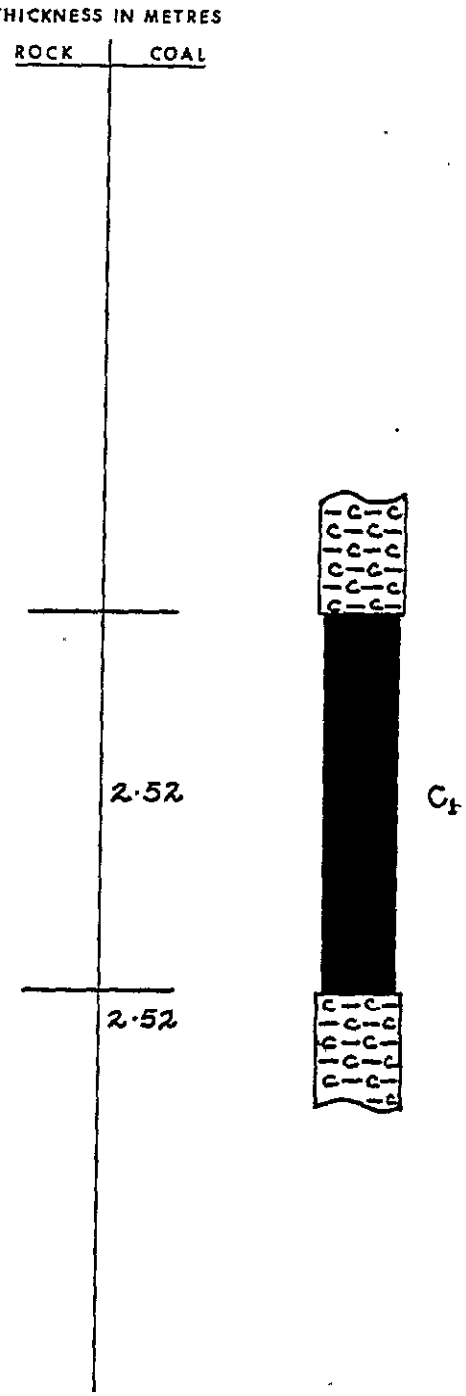
C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30% ash

STONEY-BONEY >31% ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
PTARMIGAN BLOCK
P-78-24

DRAWN BY.	DATE. Nov. 78	SCALE 1 : 50
PREPARED BY.	DATE.	DRAWING NUMBER
APPROVED BY.	DATE.	BLCR78-0818-R01



LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30% ash

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

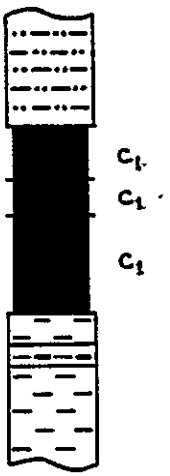
DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
PTARMIGAN BLOCK
P-78-25

DRAWN BY:	DATE: Nov. 78	SCALE. 1:50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL
0·36	C_1
0·25	C_1
0·65	C_1
1·26	



LEGEND

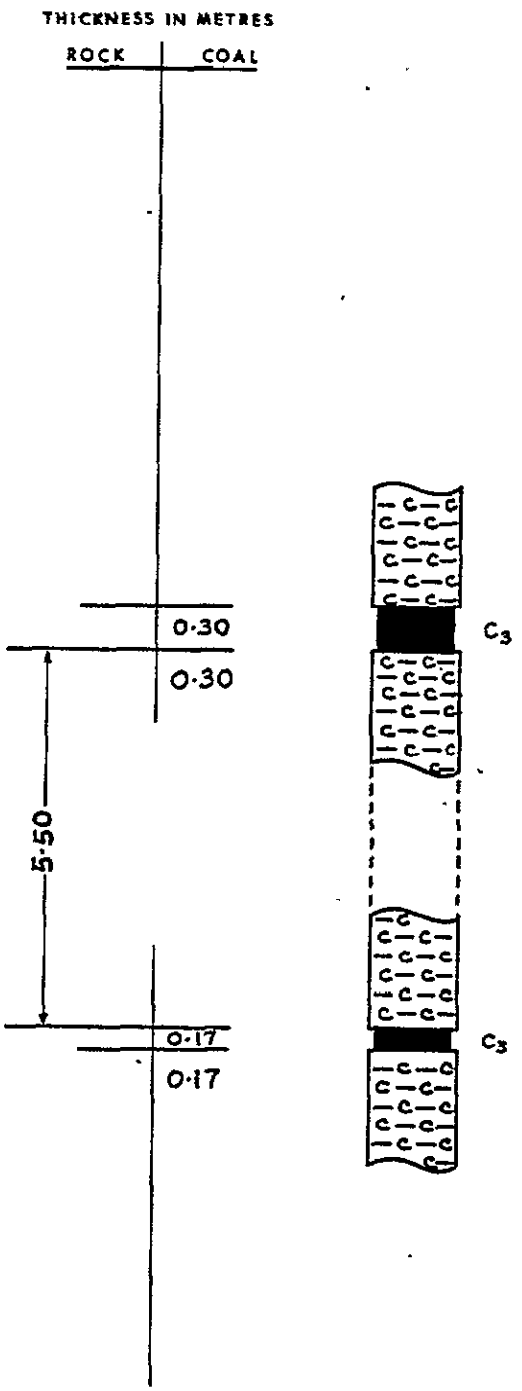
C_1 COAL 0 - 10 % ash
C_2 COAL 11 - 20 % ash
C_3 COAL 21 - 30 % ash

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
PTARMIGAN BLOCK
P-78-28

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

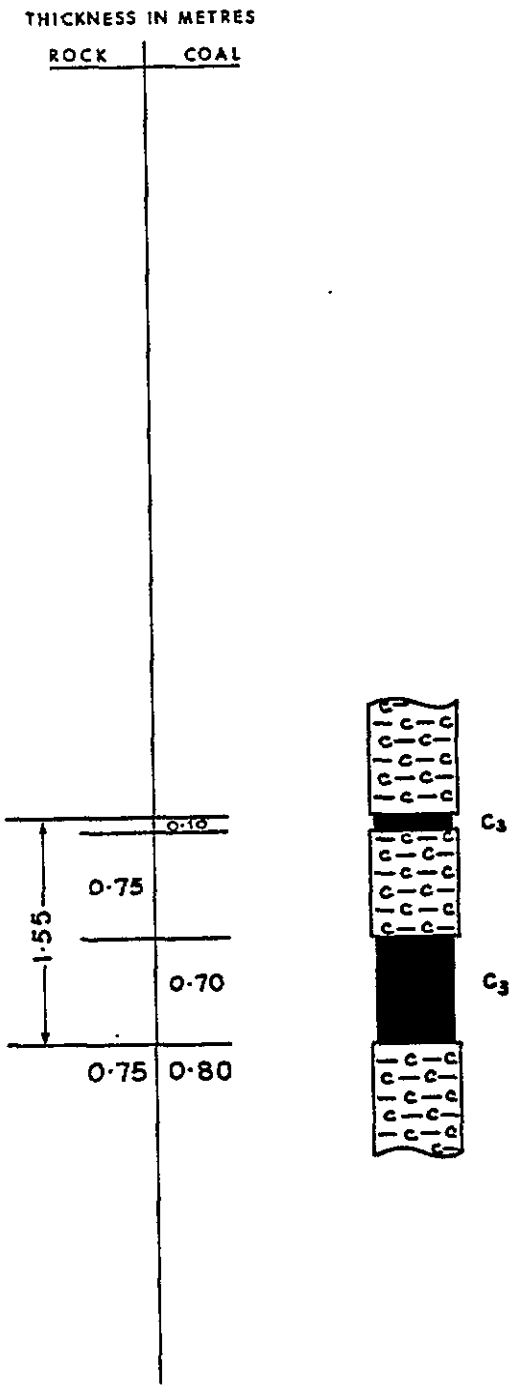
C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30% ash

STONEY-BONEY >31% ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
PTARMIGAN BLOCK
P-78-30

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

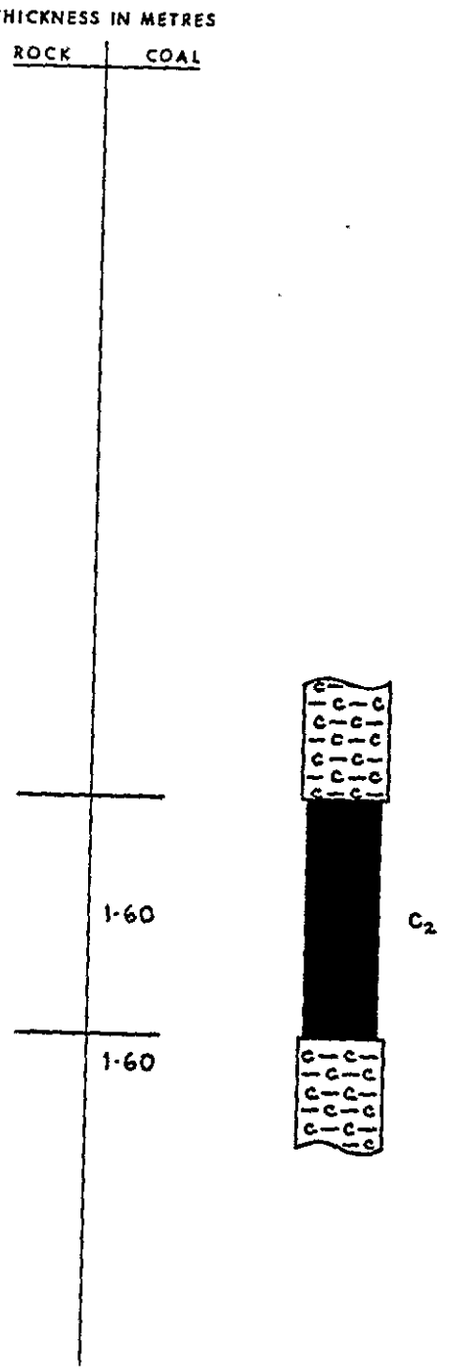
- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30% ash

- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
PTARMIGAN BLOCK
P-78-31

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30% ash

- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

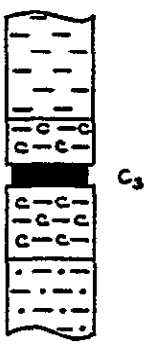
DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
PTARMIGAN BLOCK
P-78-36

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL
0·12	
0·12	



LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

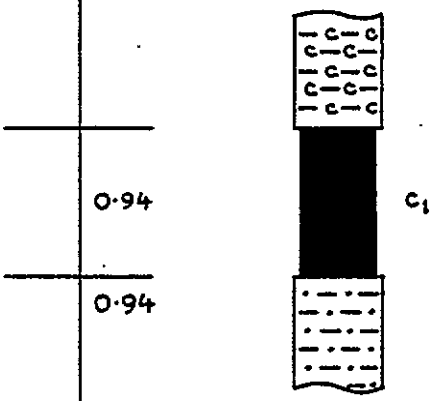
DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
PTARMIGAN BLOCK
P-78-38

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE.	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL



LEGEND

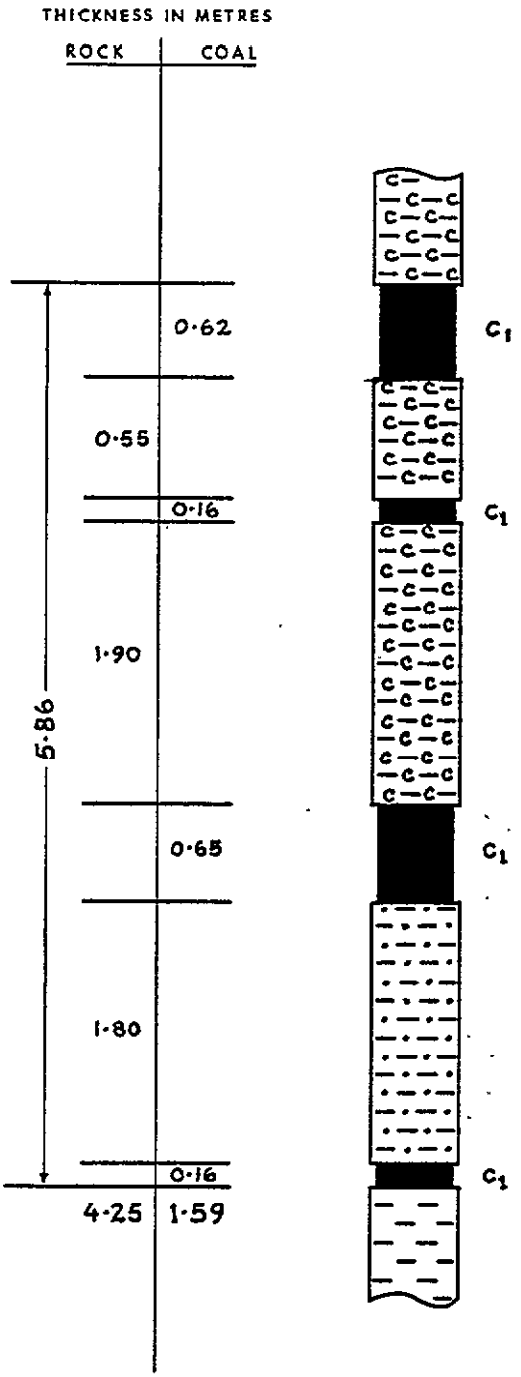
C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30% ash

STONEY-BONEY >31% ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
PTARMIGAN BLOCK
P-78-39

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

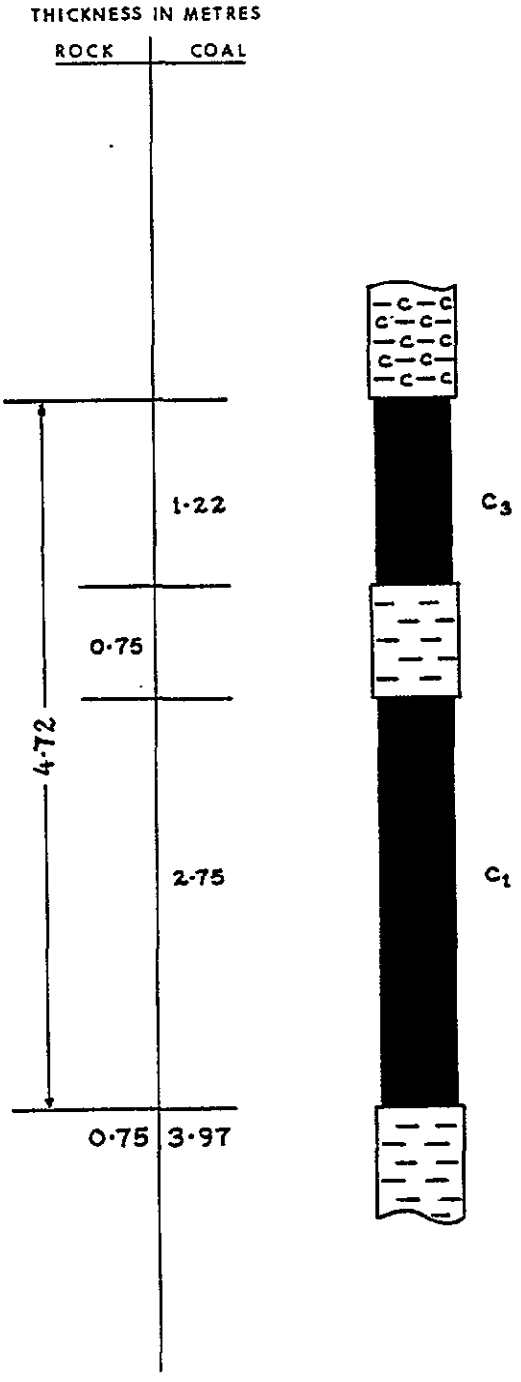
C1 COAL 0 - 10.% ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30% ash

STONEY-BONEY >31% ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
PTARMIGAN BLOCK
P-78-40

DRAWN BY:	DATE. Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE.	BLCR78-0818-R01



LEGEND

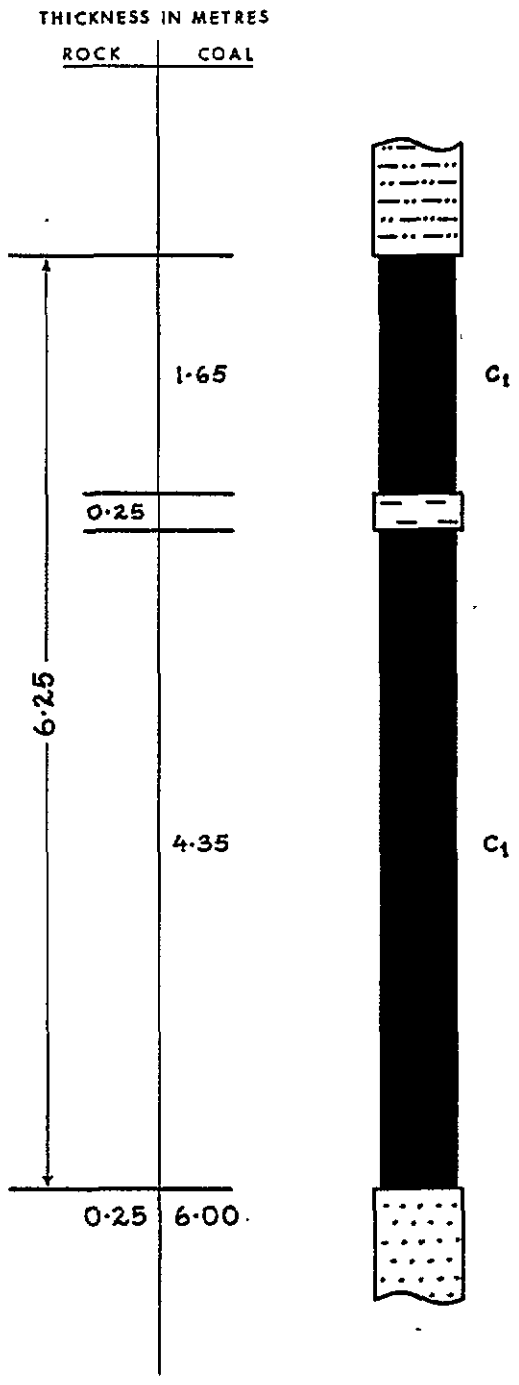
C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30% ash

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
PTARMIGAN BLOCK
P-78-44

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE.	BLCR78-0818-R01



LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

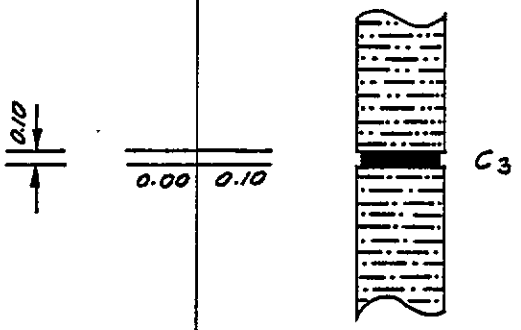
DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
PTARMIGAN BLOCK
P-78-45

DRAWN BY.	DATE. Nov. 78	SCALE: 1 : 50
PREPARED BY.	DATE.	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL



LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
} BASED ON VISUAL ESTIMATES

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

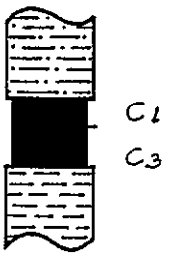
DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
0-78-1
OMEGA

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL
0.46	0.19
	0.27
	0.46



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

} BASED ON VISUAL ESTIMATES

- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

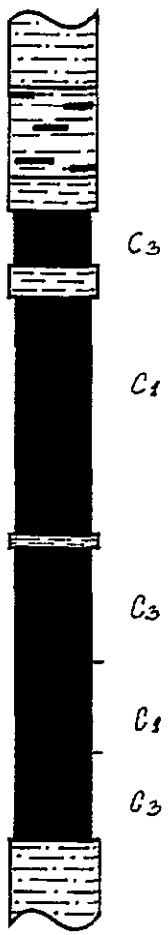
1978
BELCOURT TRENCH DETAIL
0-78-2
OMEGA

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL
	0.31
0.20	
	1.60
	0.09
	0.78
	0.61
	0.59
0.29	3.89

4.18



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

BASED ON VISUAL ESTIMATES

- STONEY-BONEY >31% ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

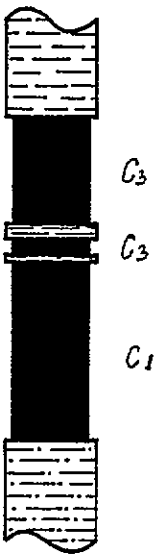
1978
BELCOURT TRENCH DETAIL
0-78-3
OMEGA

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL
	0.70
0.10	
0.06	0.10
	1.20
0.16	2.00

2.16



LEGEND

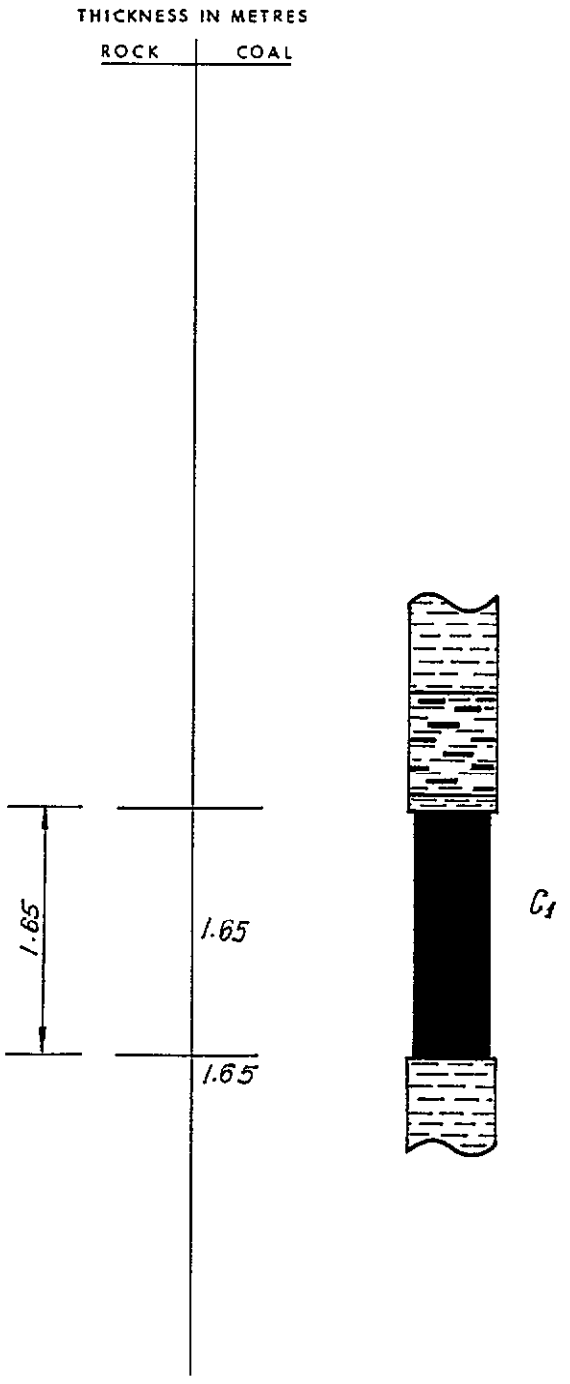
C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
} BASED ON VISUAL ESTIMATES

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
0-78-4
OMEGA

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

} BASED ON VISUAL ESTIMATES

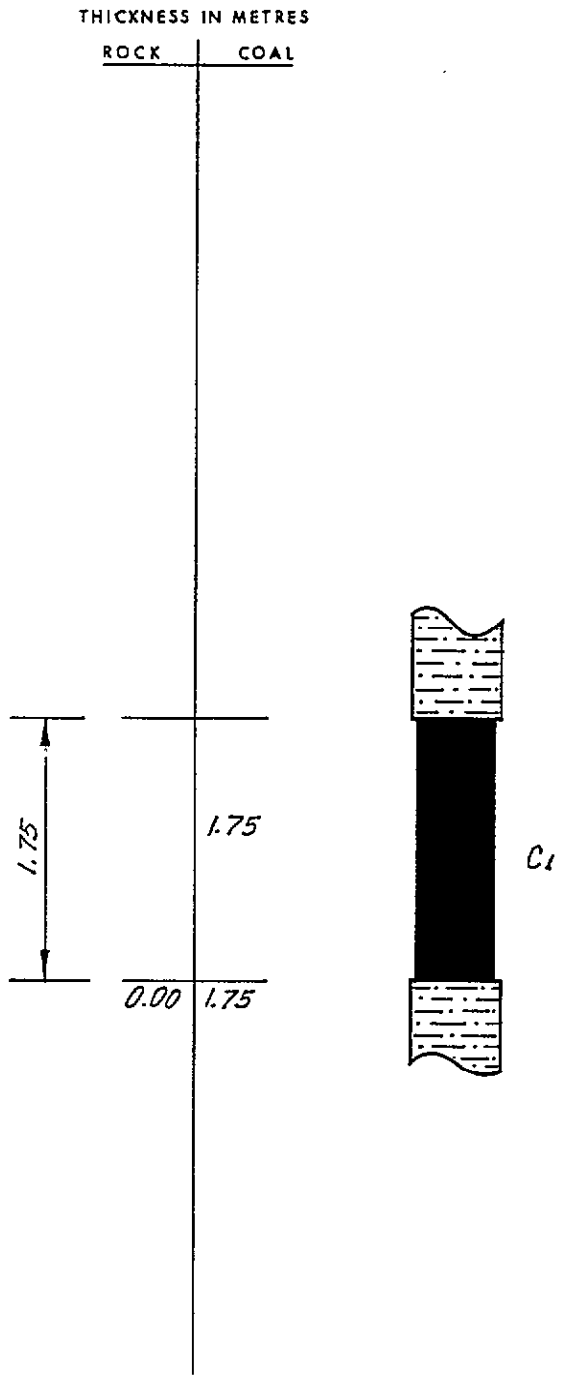
- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
0 - 78 - 5

OMEGA

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR 78-0818-R01



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

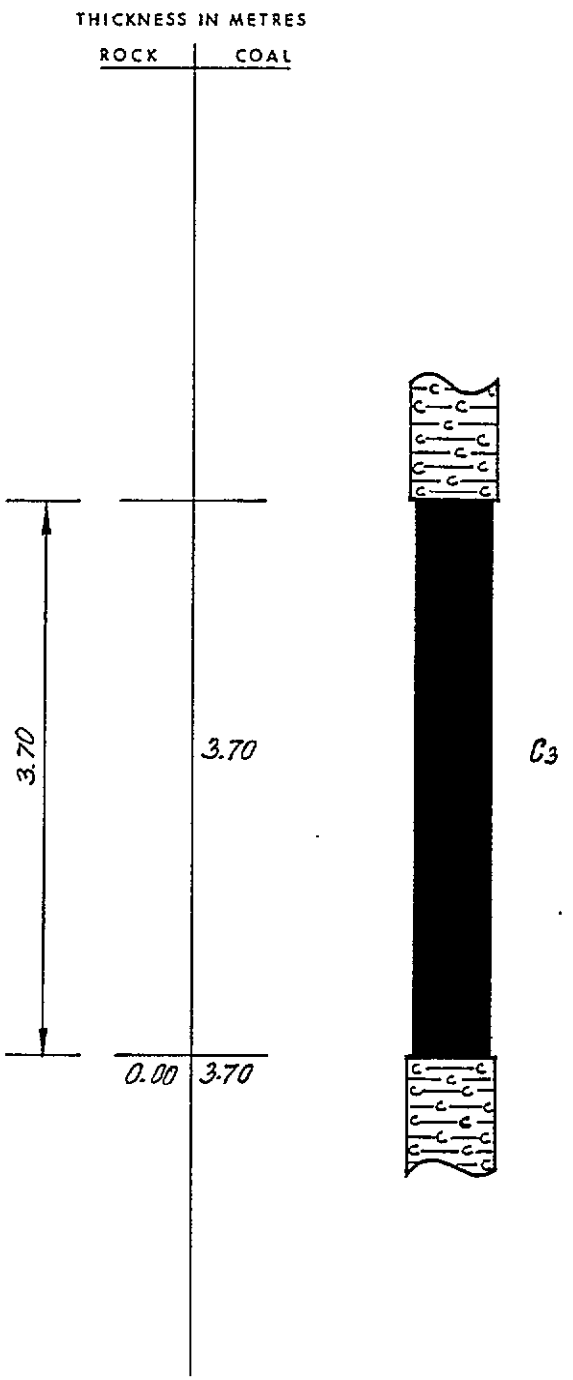
} BASED ON VISUAL ESTIMATES

- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
0 - 78 - 6
OMEGA

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

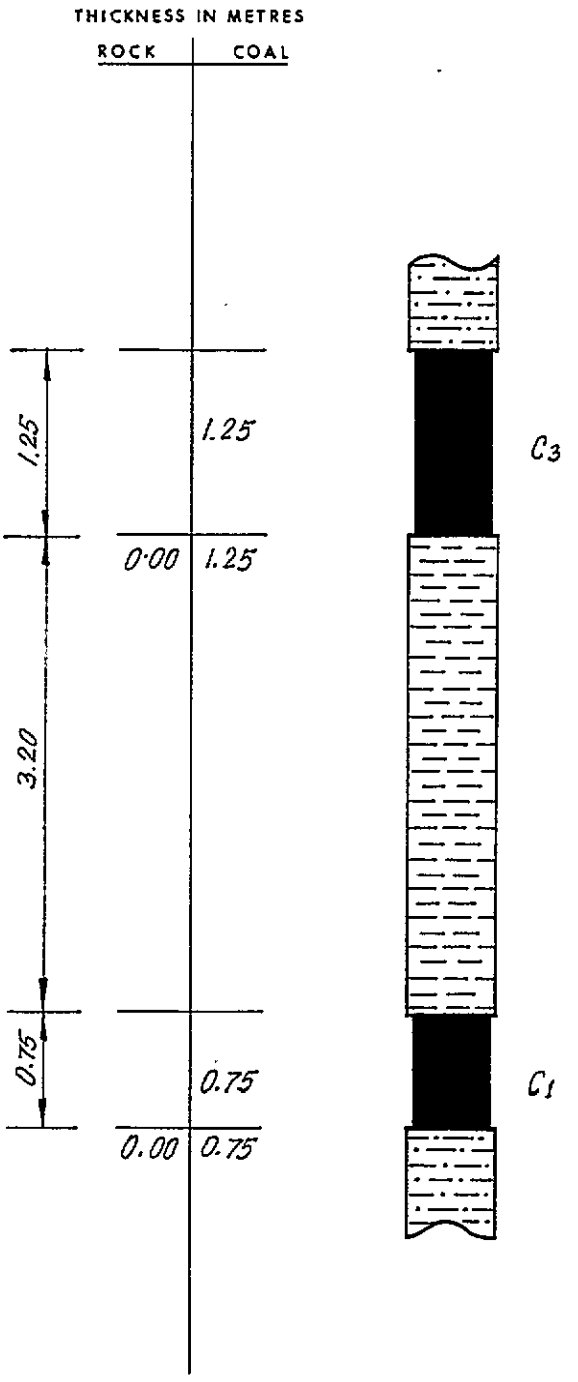
C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
} BASED ON VISUAL ESTIMATES

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
0 - 78 - 7
OMEGA

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

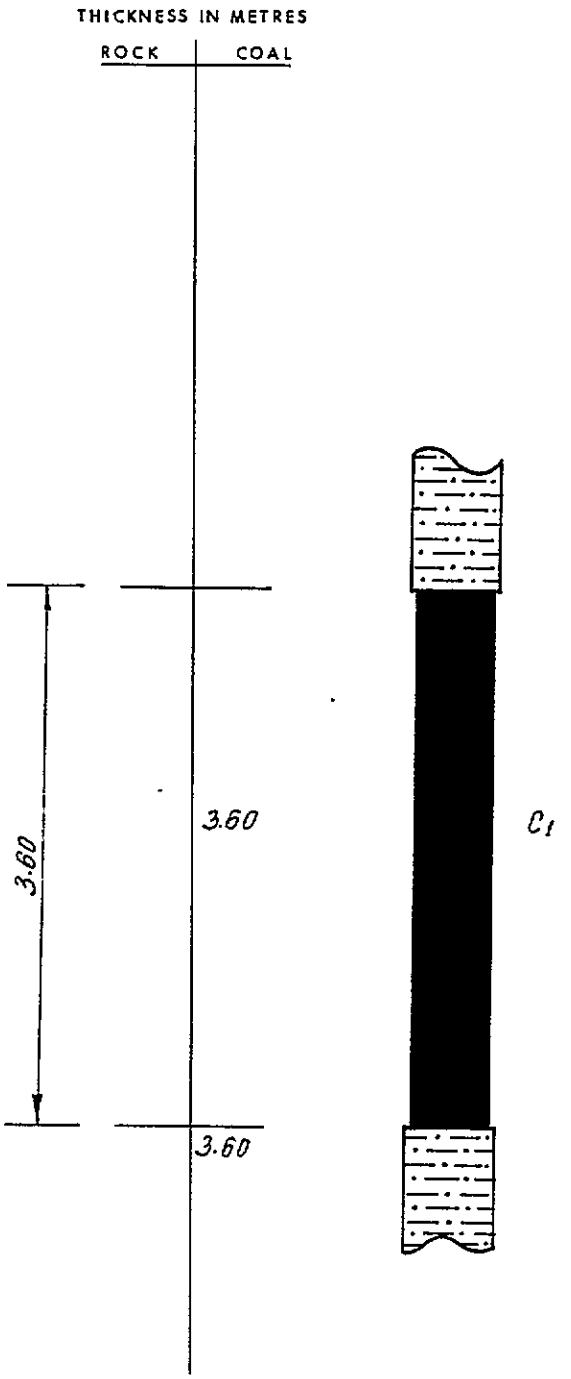
} BASED ON VISUAL ESTIMATES

- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
0 - 78 - 8
OMEGA

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

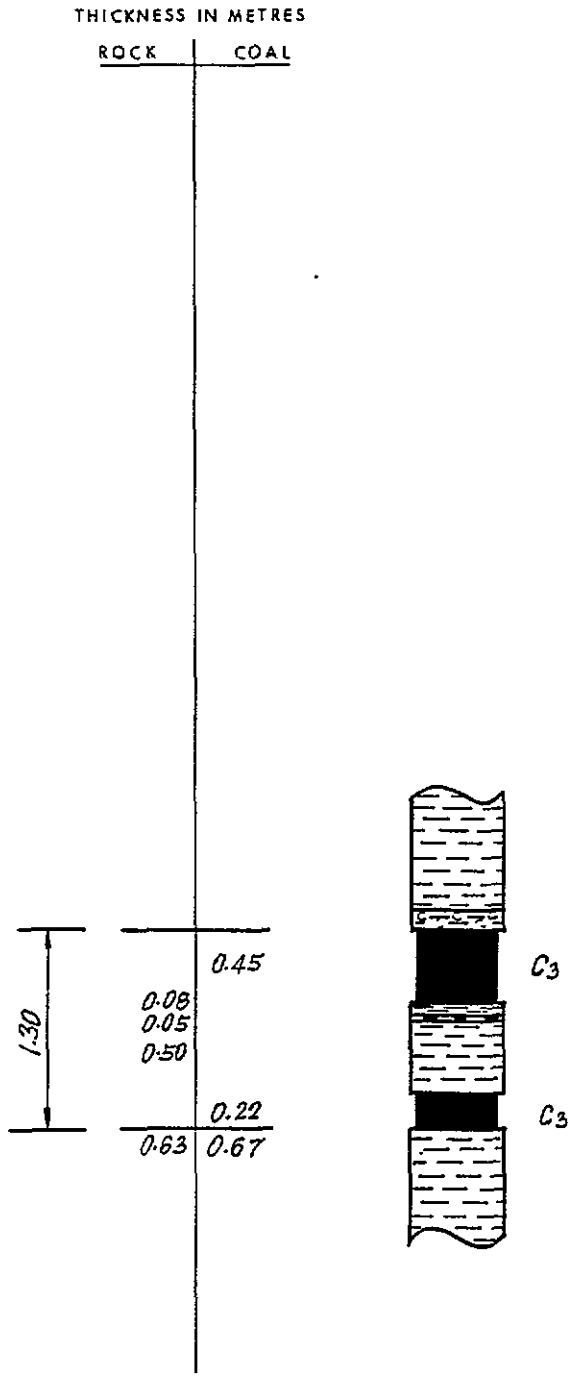
C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
} BASED ON VISUAL ESTIMATES

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
0-78-9
OMEGA

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30 % ash
} BASED ON VISUAL ESTIMATES

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

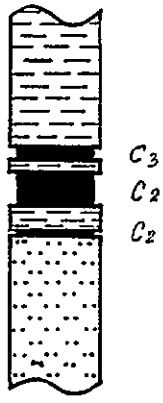
1978
BELCOURT TRENCH DETAIL
0-78-10
OMEGA

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL
	0.10
0.09	0.22
0.15	0.05
024	0.37

0.61



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

} BASED ON VISUAL ESTIMATES

- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

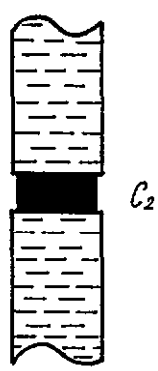
DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
0 - 78 - 11
OMEGA

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR 78-0818-R01

THICKNESS IN METRES

ROCK	COAL
0.24	
	0.24
0.00	0.24



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

} BASED ON VISUAL ESTIMATES

- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

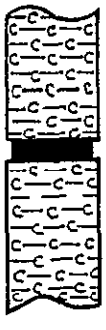
DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
0-78-12
OMEGA

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL
0.15	
	0.15
0.00	0.15



C_2

LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

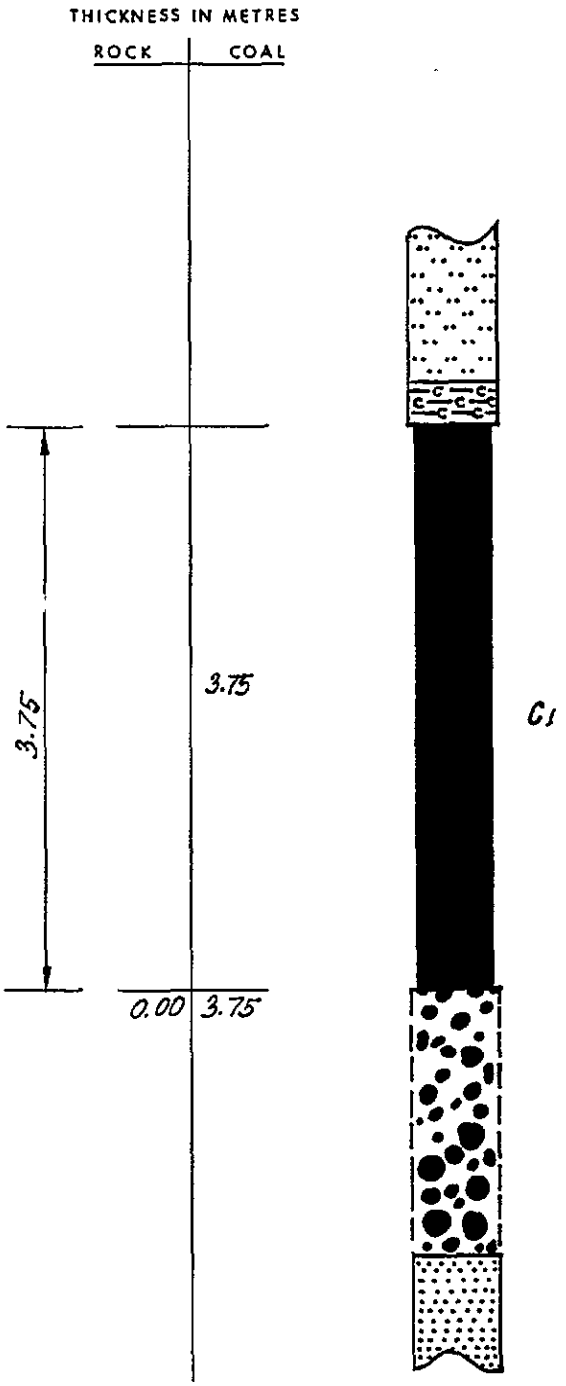
} BASED ON VISUAL ESTIMATES

- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
0-78-14
OMEGA

DRAWN BY:	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30% ash

} BASED ON VISUAL ESTIMATES

- STONEY-BONEY >31% ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

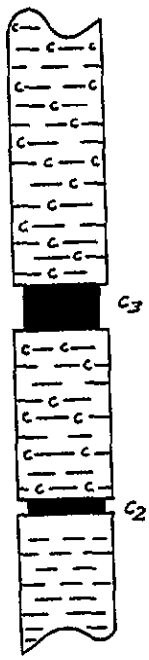
DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
0-78-15
OMEGA

DRAWN BY:	DATE: Nov. 78	SCALE: 1:50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL
	0.30
1.52	1.12
	0.10
1.12	0.40



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

} BASED ON VISUAL ESTIMATES

- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
W-78-1
WINEREY

DRAWN BY: R.Z.	DATE: Nov. 78	SCALE: 1 : 50	
PREPARED BY:	DATE:	DRAWING NUMBER	
APPROVED BY:	DATE:	BLCR78-0818-R01	

THICKNESS IN METRES

ROCK	COAL
0.10	0.10
	0.15
1.00 0.15	
	0.50
0.25	0.75

LEGEND

C1 COAL 0 - 10 % ash
C2 COAL 11 - 20 % ash
C3 COAL 21 - 30% ash
} BASED ON VISUAL ESTIMATES

STONEY-BONEY >31 % ash
CARBONACEOUS CLAYSTONE
CLAYSTONE
SILTSTONE
SANDSTONE
CONGLOMERATE

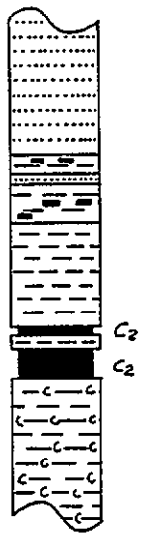
DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH · DETAIL
W-78-2
WINGERY

DRAWN BY: R.Z.	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL
0.35	0.05
0.10	0.20
0.10	0.25



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

} BASED ON VISUAL ESTIMATES

- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

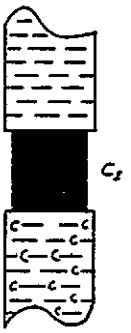
DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
W-78-4
WINERGY

DRAWN BY: R.Z.	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

THICKNESS IN METRES

ROCK	COAL
0.54	0.54
	0.54



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

} BASED ON VISUAL ESTIMATES

- STONEY-BONEY >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

1978
BELCOURT TRENCH DETAIL
W-78-5
WINERGY

DRAWN BY: R.Z.	DATE: Nov. 78	SCALE: 1 : 50
PREPARED BY:	DATE:	DRAWING NUMBER
APPROVED BY:	DATE:	BLCR78-0818-R01

PR - Belcourt 78(3)B

PR-BELCOURT 78(3)B.

OPEN FILE

B E L C O U R T P R O J E C T

GEOLOGICAL REPORT

MARCH 1979

APPENDIX II

DESCRIPTIVE LOGS

PART 1 of 3
(BD 7801 - BD 7806)

DENISON MINES LIMITED
COAL DIVISION
VANCOUVER, B.C.

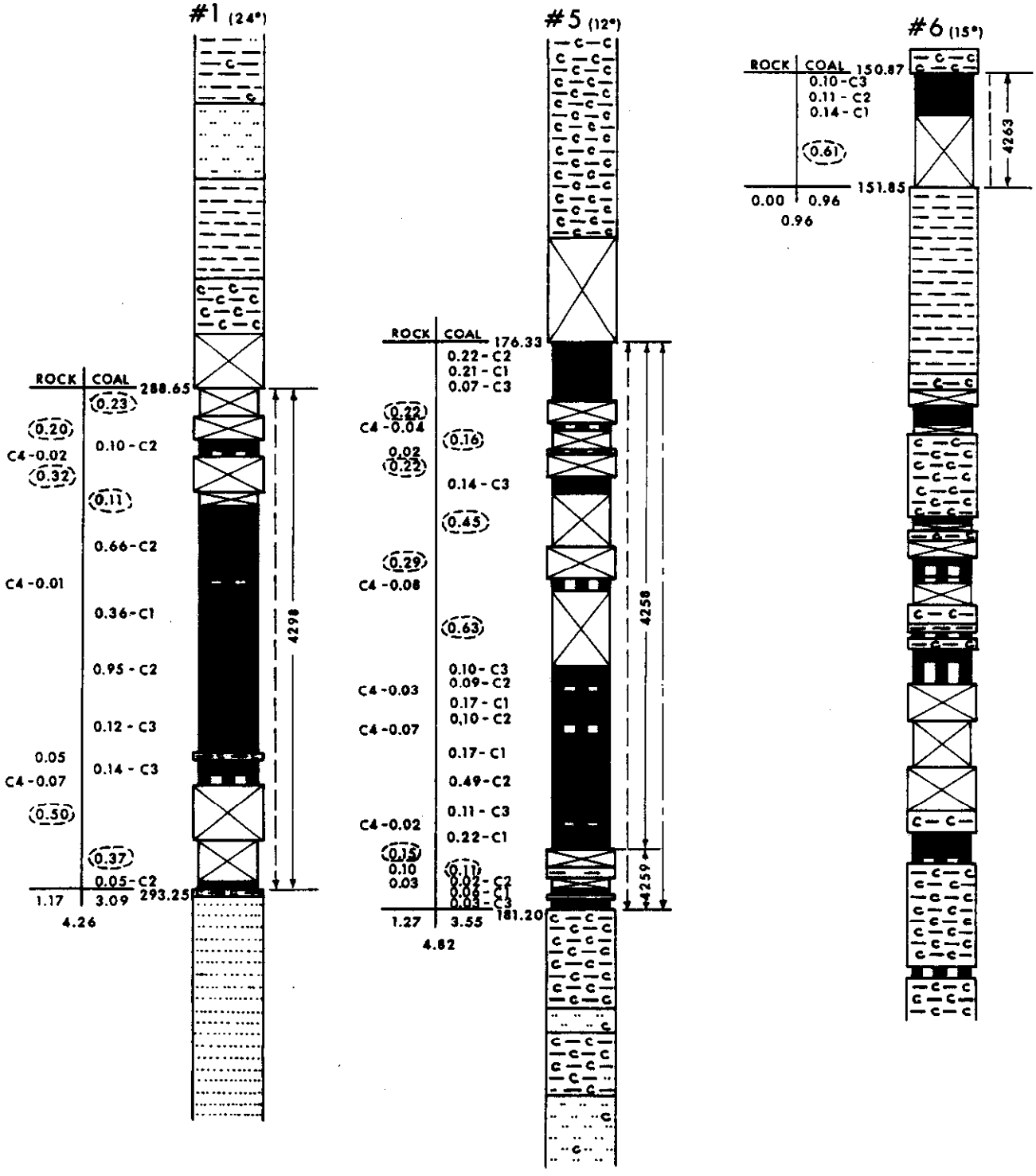
BELCOURT PROJECT

MINING SECTION SUMMARY

Hole No. BD 7801 Bearing 220° Angle 65° Total Depth 481.43 m

Coordinates 45740.95 N - 72238.41 E Collar Elevation 1361.09 m

Seam	Zone	Elevation (base)	Drilled Interval	True Thickness	Coal/Rock	Core Recovery%	Sample I.D.
1		1095.32	288.65 - 293.25	4.26	3.09/1.17	58.9	4298
5		1196.87	176.33 - 181.20	4.82	3.55/1.27	53.3	4258-4259
	6	1222.47	150.87 - 151.85	0.96	0.96/0.00	36.5	4263
	6	1226.55	144.40 - 148.45	3.92	2.53/1.39	85.4	4260-4262
	8	1229.28	66.67 - 68.20	1.49	1.41/0.08	82.4	4268
	8	1302.63	63.89 - 64.50	0.60	0.60/0.00	100	4267
				15.09			



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

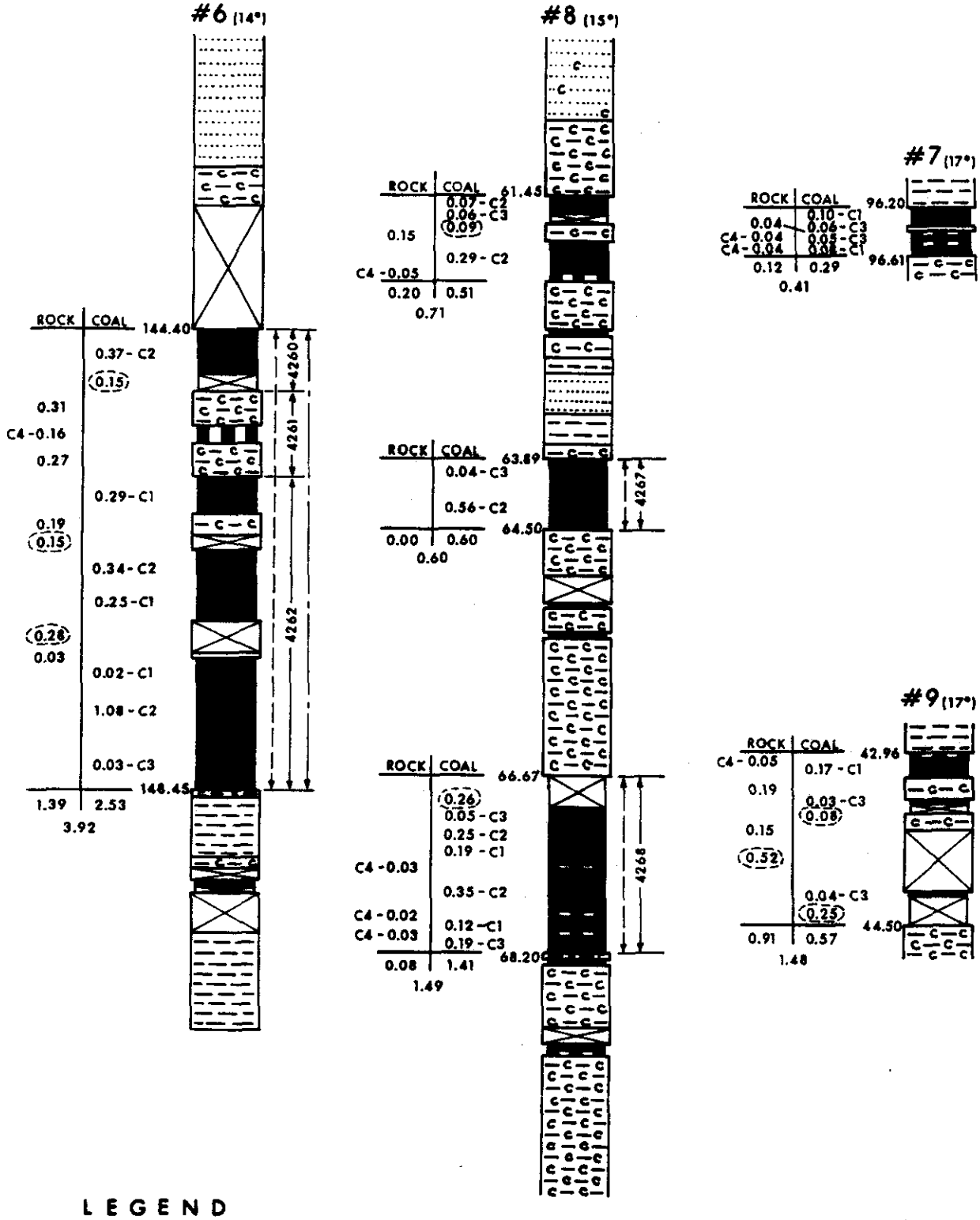
} BASED ON VISUAL ESTIMATES

- C4 COAL >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- MINING SECTION
- SAMPLE INTERVAL & NUMBER
- COMPOSITE SAMPLE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

BELCOURT
SEAM DETAILS
BD 7801

DRAWN BY: R. C.	DATE: FEB. 1979	SCALE: 1 : 50	
PREPARED BY: I. D.	DATE: - -	DRAWING NUMBER	
APPROVED BY: G. P. G.	DATE: - -	VLCR 79-0827-R01	



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash
- } BASED ON VISUAL ESTIMATES
- C4 COAL >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- MINING SECTION
- SAMPLE INTERVAL & NUMBER
- COMPOSITE SAMPLE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

BELCOURT
SEAM DETAILS
BD 7801

DRAWN BY: R.C.	DATE: FEB. 1979	SCALE: 1 : 50	
PREPARED BY: I.D.	DATE: - -	DRAWING NUMBER	
APPROVED BY: G.P.G.	DATE: - -	DLCR 79-0827-R01	

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7801 SHEET No: 1
DATE BEGUN: _____ DEPTH: _____ BEARING: 220° U.T.M.: _____
DATE FINISHED: July 1978 ELEV. COLLAR: 1361.09 M TOTAL DEPTH: 481.43 COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: 65° LOGGED BY: I. Delas CORE SIZE: HQ

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 1		
	10.67	11.27	60			35'/10.67	Sandstone, grey, grinded boulder, broken		
	11.27	12.67	140				Siltstone, occasional claystone lamine, highly broken		
							Top of Box 2		
	12.67	12.87	20	core lost		45'/13.72	Sandstone, light grey, fine grained, parallel bedding, broken core, massive		
16°	12.87	13.45	58						
	13.45	13.68	23				Claystone, silty, occasional laminae of fine grained sandstone, regular bedding		
	13.68	14.18	50				Sandstone as above		
	14.18	14.46	28			50'/15.24	Claystone, interbed siltstone, some sandy layers		
	14.46	14.53	7				Conglomerate, pebbles up to 2 cm, silty matrix, some calcite		
	14.53	14.80	27				Siltstone, medium, grey, regular bedding, some carbonaceous inclusions toward base		
							Top of Box 3		
	14.80	15.02	22				Claystone, silty, dark with some carbonaceous laminae		
	15.02	15.60	58				Sandstone, medium, grey, some interbed sandy beds, cross-bedding, silty claystone towards base		
	15.60	15.79	19			55'/16.76	Claystone, dark, carbonaceous laminae, FeS_2 in specks and grains		
	15.79	16.86	107				as above, silty towards base		
						60'/18.29	Top of Box 4		
	16.86	17.26	40				Claystone, silty, medium grey, massive parallel bedding		
	17.26	17.58	32				as above		
	17.58	17.68	10				Siltstone, hard, compact, massive		
	17.68	18.43	75				Claystone, silty, as above		
	18.43	18.63	20				Claystone, dark grey, regular bedding, carbonaceous fragments		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7801 SHEET No: 2
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
						65'/19.81			
	18.63	18.95	32				as above		
							Top of Box 5		
	18.95	19.32	37				as above		
	19.32	20.16	87				Sandstone, very fine grained, silty, interbeds, regular bedding, massive, plenty of fossils		
						70'/21.34			
	20.19	20.25	6				Siltstone, grey, compact parallel bedding, massive		
	20.25	20.29	4				Sandstone, as above		
16	20.29	20.89	60				Claystone, silty, laminae, fossiliferous, massive		
	20.89	21.05	16				Sandstone, fine grained, regular parallel bedding, massive silty laminae		
							Top of Box 6		
	21.05	21.18	13				Siltstone, medium grey, carbonaceous laminae, regular parallel bedding, massive		
	21.18	21.33	15				Claystone, silty, dark grey with some carbonaceous inclusions		
	21.33	21.48	15			75'/22.86	as above		
	21.48	21.76	28				Sandstone, fine grained , some calcite, carbonaceous laminae		
	21.76	22.11	35				Claystone, carbonaceous, some coal inclusions with specks		
	22.11	22.83	72				Claystone, medium grey, occasional silty interbeds, regular parallel bedding, some carbonaceous inclusions at base		
						80'/24.38	Top of Box 7		
	22.83	23.11	28				Claystone carbonaceous, thin coal laminae at base		
	23.11	23.46	35				Sandstone, fine grained, carbonaceous, laminae, silty interbeds, regular bedding, massive		
	23.46	23.55	9				Siltstone, medium grey, compact, massive		
	23.55	23.71	16				Claystone, carbonaceous laminae, fossiliferous, regular bedding		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7813 SHEET No: 3
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	23.71	23.91	20				Claystone carbonaceous, with thin coal layers, some sideritic specks		
	23.91	24.23	32				Claystone, occasional silty, blocky		
						85'/25.91			
	24.23	24.60	37				as above		
	24.60	24.82	22				Coal loss		
	24.82	24.97	15				C_2 (durain)		
	24.97	25.00	3				C_4 partly sheared		
						87'/26.52			
	25.00	25.50	50				Claystone loss		
	25.50	26.00	50				Claystone as before, carbonaceous fragments		
							Top of Box 8		
18°	26.00	26.54	54				Sandstone, fine grained, occasional silty, some cross-bedding visible, carbonaceous laminae		
	26.54	26.77	23				Claystone, dark grey, silty bands, carbonaceous fragments		
	26.77	27.17	40				Sandstone as above		
						92'/28.04			
	27.17	27.46	29				As above		
	27.46	27.69	23				Claystone, dark grey, silty towards base		
	27.69	27.95	26				Claystone, silty, medium grey, regular bedded, compact, massive		
							Top of Box 9		
	27.95	28.07	12				as above		
	28.07	28.18	11			95'/28.96	as above		
	28.18	28.73	55				Siltstone, cross-bedding, interbed of claystone with carbonaceous fragments		
	28.73	29.60	87				Sandstone, fine grained and silty at top, medium grained at base, some carbonaceous specks and stringers		
						100'/30.48			
	29.60	29.98	38				Claystone, dark grey, uniform regular parallel laminae		
							Top of Box 10		
	29.98	30.52	54				Sandstone, fine grained, silty at base		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7801 SHEET No: 4
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	30.52	30.75	23				Claystone, medium grained with some coal inclusions		
	30.75	31.03	28				Siltstone, light grey with sandy interbeds, massive		
12°						105'/32.00			
	31.03	31.13	10				As above		
	31.13	31.37	24				Claystone, silty laminae, regular bedding		
	31.37	32.15	78				Sandstone, medium grey, fine grained, silty interbed, with some claystone laminae at base, some cross-bedding		
							Top of Box 11		
	32.15	32.67	52				Siltstone, medium grey, occasional sandy, regular bedding, massive		
						110'/33.53			
	32.67	33.15	48				Sandstone, light grey, fine grained, silty interbeds		
	33.15	33.58	43				Claystone, dark grey, silty at top, uniformed		
	33.58	34.28	70			112'/34.14	As above with some sandy bands, cross-bedding		
							Top of Box 12		
	34.28	34.64	36				As above, carbonaceous at the base		
	34.64	34.66	2				C_1		
	34.66	35.06	40				Carbonaceous claystone with some coal inclusion		
						118'/35.97			
	35.06	36.36	130				Claystone, regular bedded, uniformed, silty towards base		
							Top of Box 13		
	36.36	36.49	13				Carbonaceous claystone		
						123'/37.49			
	36.49	36.99					As above		
						125'/38.10			
	36.99	37.43					As above, silty towards base		
16°	37.43	37.91					Sandstone, fine grained, silty interbed, regular bedding,		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7801 SHEET No: 5
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
joint 85°	37.91	38.29	38				Claystone, silty, dark grey, laminae, regular bedded		
	38.29	38.45	16				Siltstone, sandy, cross-bedding, calcite crystals in joints		
							Top of Box 14		
	38.45	38.58	13				As above		
						130'/39.62			
	38.58	39.83	125				Claystone, dark grey, laminae, occasional silty, some carbonaceous fragments		
						134.6'/41.03			
	39.83	40.53	70				Claystone, silty, cross-bedding, sandy bands, [illegible]		
							Top of Box 15		
	40.53	41.22	69				as above		
	41.22	42.34	112			140'/42.67	as above		
	42.34	42.48	14				Carbonaceous claystone with a few thin coal layers and stringers		
							Top of Box 16		
17°	42.48	42.64	16	15			Claystone, dark grey, massive		
						145'/44.20			
	42.64	42.78	14	13			As above, carbonaceous at base		
	42.78	42.96	18	17			Claystone, silty, carbonaceous, coaly inclusions		
	42.96	43.01	5	5	64270		C_4		
	43.01	43.19	18	17			C_1		
	43.19	43.39	20	19			Carbonaceous claystone, highly broken, coaly laminae		
	43.39	43.42	3	3			C_3		
	43.42	43.50	8	8			Coal loss		
	43.50	43.65	15	15			Carbonaceous claystone as before		
	43.65	44.20	55	52			Claystone loss		
	44.20	44.24	4	4			C_3, broken		
	44.24	44.50	26	25			Coal loss		
	44.50	44.65	15	14			Carbonaceous claystone, coaly laminae and specks with 1 cm of calcite at base		
	44.65	44.88	23	22			Siltstone, medium grey, claystone laminae, carbonaceous fragments, parallel regular bedded		
						150'/45.72			

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7801 SHEET No: 6
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	44.88	45.08	20				as above		
	45.08	45.14	6				Carbonaceous claystone, broken		
							Top of Box 17		
	45.14	45.19	5				Highly carbonaceous claystone		
	45.19	45.21	2				Coaly claystone		
	45.21	45.22	1				C_4		
	45.22	45.32	10				Carbonaceous claystone, broken, slickensided		
	45.32	45.38	6				Claystone, dark grey, broken, coaly		
	45.38	46.18	80				Sandstone, fine grained, silty interbeds, some cross-bedding , at top carbonaceous specks and limonite		
						155'/47.24			
	46.18	46.31	13				Silty claystone, partly carbonaceous, [illegible], laminated		
	46.31	46.69	38				Carbonaceous claystone, highly broken, some thin coal layers at the base		
	46.69	46.71	2				C_3		
	46.71	46.84	13				Carbonaceous claystone as above		
	46.84	46.88	4				C_4		
	46.88	46.99	11				Carbonaceous claystone as above		
							Top of Box 18		
	46.99	47.01	2				As before		
	47.01	47.72	71				Sandstone, fine grained, silty laminae, cross-bedding, massive		
	47.72	48.97	125			160'/48.77	As above, but regular parallel bedded towards base		
	48.97	49.15	18				Claystone, dark grey, with some silty layers partly carbonaceous		
							Top of Box 19		
						165'/50.29			
	49.15	49.48	33				Sandstone, silty, cross-bedding, carbonaceous laminae,		
	49.48	49.56	8				Claystone, partly carbonaceous, some silty laminae		
	49.56	50.68	112				Sandstone, medium grey, fine grained, silty layers, carbonaceous laminae/specks, massive		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7801 SHEET No: 7
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
						170'/51.82			
15°	50.68	51.22	54				Sandstone as above, regular parallel bedding Top of Box 20		
	51.22	51.58	36				Sandstone, fine grained, laminae, silty with claystone at base		
	51.58	52.18	60				Claystone, shaly, uniform		
						175'/53.34			
	52.18	53.37	119				as above Top of Box 21		
	53.37	53.58	21				Claystone, silty,		
	53.58	53.65	7				Claystone, silty,		
	53.65	53.78	13				Claystone, as before		
						180'/54.86			
	53.78	55.02	124				Claystone, as before		
						185'/56.39			
	55.02	55.30	28				As above, silty laminae at base Top of Box 22		
	55.30	55.47	17				Siltstone, sandy bands, cross-bedding, massive		
joint 82°	55.47	56.53	106				Sandstone, light grey, fine grained, compact, massive, joint filled with calcite		
	56.53	56.59	6				Siltstone, sandy, parallel regular bedding, massive		
						190'/57.91			
	56.59	57.09	50				Siltstone as above		
	57.09	57.27	18				Sandstone, light grey, fine grained, , calcite concentration, massive Top of Box 23		
	57.27	57.53	26				As above		
	57.53	58.06	53				Sandstone, silty, cross-bedding, massive		
						195'/59.44			
	58.06	59.11	105				Claystone silty, more silty bands at top, grading into claystone at base, regular bedding		
	59.11	59.43	32				Claystone, medium - dark grey, parallel regular bedding		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7801 SHEET No: 8
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 24		
	59.43	59.66	23				Claystone, massive, solid core		
						200'/60.96			
	59.66	60.08	42				Sandstone, fine grained, light grey, thin silty interveds		
	60.08	60.78	70				Sandstone, silty occasional carbonaceous stringers, parallel bedding, massive		
	60.78	61.28	50				Claystone, silty, carbonaceous laminae, regular bedding, laminated		
	61.28	61.45	17				Carbonaceous claystone, silty, laminated		
	61.45	61.52	7	7			C-2		
							Top of Box 25		
	61.52	61.58	6	6	4266		C-3		
	61.58	61.67	9	9			Coal loss	63/72	88
	61.67	61.92	15	15			Carbonaceous claystone, some coal laminae		
	61.92	62.22	30	29			C-2 broken		
	62.22	62.27	5	5			C-4		
	62.27	62.32	5	5			Carbonaceous claystone, coaly inclusions		
	62.32	62.45	15	15			Carbonaceous claystone as above		
						210'/64.01			
	62.45	62.68	23	22			As above		
	62.68	62.70	2	2			C-1		
	62.70	62.91	21	21			Carbonaceous claystone, coal stringers and specks		
	62.91	63.04	13	13			Calsytone silty, carbonaceous fragments, massive		
	63.04	63.40	36	35			Sandstone, medium grey, fine grained, silty, laminae, massive		
	63.40	63.67	27	26			Claystone, silty, carbonaceous laminae, massive		
							Top of Box 26		
	63.67	63.89	12	12			Carbonaceous claystone, silty at top		
	63.89	63.93	4	4	4267		C-3		
	63.93	64.10	17	17			C-2	61/61	100
	64.10	64.50	40	39			C-2		
	64.50	64.92	42	41			Carbonaceous claystone, coaly laminae		
	64.92	65.17	25	25			Claystone loss		
	65.17	65.19	2	2			C-1		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7801 SHEET No: 9

DATE BEGUN: DEPTH: BEARING: U.T.M.:

DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:

LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	65.19	65.39	21	21			Carbonaceous claystone as above		
	65.39	65.43	4	4			C-1		
	65.43	65.58	15	15			Coaly claystone, coal and claystone interbed		
						220'/67.06			
	65.58	66.06	48	47			Carbonaceous claystone, coaly laminae and thin beds		
12°							Top of Box 27		
	66.06	66.33	27	27			As above		
	66.33	66.39	6	6			Coaly claystone, 60% clay layers, 40% coal		
	66.39	66.67	28	27			Carbonaceous claystone as before		
	66.67	66.94	27	26			Coal loss		
	66.94	66.99	5	5			C-3		
	66.99	67.19	20	19			C-2		
						225'/68.58			
	67.19	67.38	19	19	4268		C-1		
	67.38	67.44	6	6			C-2		
	67.44	67.47	3	3			C-4		
	67.47	67.83	36	35			C-2		
	67.83	67.85	2	2			C-4		
	67.85	67.97	12	12			C-1		
	67.97	68.00	3	3			C-4		
	68.00	68.20	20	19			C-3		
	68.20	68.26	6	6			Carbonaceous claystone, coaly laminae and stringers		
	68.26	68.27	1	1			C-1		
	68.27	68.30	3	3			Carbonaceous claystone as above		
12°							Top of Box 28		
	68.30	68.38	8	8			As above		
						229.5'/69.98			
	68.38	68.87	49	48			As above		
	68.87	69.00	13	13			Claystone loss		
	69.00	69.03	3	3			C-1		
	69.03	69.05	2	2			C-3		
	69.05	69.09	4	4			C-4		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7801 SHEET No: 10
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: I. Delas CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	69.09	69.94	85				Carbonaceous claystone, silty bands towards base.		
						234'/71.32			
14°	69.94	70.39	45				Claystone, occasional carbonaceous laminae, parallel bedding, massive		
							Top of Box 29		
	70.39	70.90	51				as above		
	70.90	70.99	9				Coaly claystone		
	70.99	71.06	7				C_3, broken		
	71.06	71.14	8				Carbonaceous claystone		
	71.14	71.39	25				Claystone, carbonaceous laminae, parallel bedding		
						239'/72.25			
15°	71.39	72.34	95				Siltstone, dark to medium grey, laminae and beddings of claystone towards top, massive and compact towards base, some cross bedding at top, parallel and regular towards base		
	72.34	72.51	17				Claystone, carbonaceous at top and carbonaceous laminae toward base, regular bedded		
							Top of Box 30		
	72.51	72.01	40				Claystone, silty, medium dark grey, regular parallel bedded, massive		
						245/74.68			
	72.91	73.15	24				as above		
	73.15	73.20	5				claystone, dark grey, almost silty		
	73.20	73.47	27				Sandstone, very fine grade, silty interbeds, massive		
	73.47	73.96	49				Sandstone, fine to medium grained, few calcite [illegible] VEINS		
	73.96	74.21	25				Toward Base, Massive		
	74.21	74.44	23				Claystone, silty, massive with a few carbonaceous specks, carbonaceous claystone, coal laminae at top, shaley at the base		
						250'/76.20			
	74.44	74.61	17				Claystone, shaley, broken grey, massive		

DENISON MINES LIMITED (COAL DIVISION)

DIAMOND DRILL CORE LOG

7801 11

HOLE No: _____ SHEET No: _____

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 31		
	74.61	74.96	35				as above		
	74.96	74.99	3				Coaly Siltstone		
	74.99	75.01	2				C_1		
	75.01	75.16	15				Siltstone with carbonaceous laminae		
	75.16	75.24	8				Carbonaceous claystone with thin coal layers		
	75.24	75.95	71				Siltstone, medium dark grey, carbonaceous laminae		
14°							Irregular, regular bedding, sandy toward base		
						255'/77.72			
	75.95	76.76	81				Sandstone, medium grey, fine grained, irregular silty laminae, some cross bedding at base, massive		
							Top of Box 32		
	76.76	77.56	80				as above		
						260'/79.25			
	77.56	78.89	133				as above		
							Top of Box 33		
	78.89	79.01	12				as above		
						265'/80.77			
	79.01	79.05	4				as above		
	79.05	79.19	14				Siltstone, irregular thin layers of claystone, cross bedding		
	79.19	79.39	20				Claystone, dark grey, partly carbonaceous, some coaly specks		
	79.39	79.53	14				Carbonaceous claystone, highly broken		
	79.53	79.67	14				C_1		
	79.67	79.72	5				Carbonaceous claystone as before		
	79.72	80.45	73				Claystone, (shale) uniform, massive		
						270/82.30			
	80.45	80.53	8				As above		
	80.53	80.95	42				Sandstone, ____, fine grained, silty cross bedding toward base, massive.		
							Top of Box 34		
	80.95	81.08	13				Silty claystone, dark grey, partially carbonaceous		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7801 SHEET No: 12
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	81.08	81.26	18				Claystone, partially carbonaceous		
	81.26	81.43	17				Siltstone, calcite, complete, massive		
	81.43	81.83	40				Carbonaceous claystone, some coal at base		
						275'/83.82			
	81.83	81.95	12				As above with thin coal layers		
	81.95	81.96	1				C_1		
	81.96	82.06	10				Coaly siltstone		
	82.06	82.09	3				C_2		
	82.09	82.21	12				Coaly siltstone		
	82.21	82.63	42				Carbonaceous siltstone with some coal inclusions at the base		
	82.63	82.65	2				C_1		
	82.65	82.97	32				Carbonaceous siltstone with coally inclusions and stringers		
	82.97	83.01	4				Coal and claystone, broken and mixed		
	83.01	83.15	14				Carbonaceous siltstone, broken		
							Top of Box 35		
	83.15	83.23	8				As above		
	83.23	83.57	34				As above		
	83.57	83.60	3				C_2		
	83.60	83.63	3				C_4		
	83.63	84.00	37				Carbonaceous claystone, silty at the base		
	84.00	84.66	66				Sandstone, medium grey, fine grained, occasional cilty regular bedding		
						285'/86.87			
	84.66	85.27	61				Siltstone, cross bedding, regular laminae of claystone, some carbonaceous specks		
							Top of Box 36		
	85.27	85.41	14				Claystone, dark grey, partly carbonaceous, some silty laminae		
	85.41	85.70	29				Carbonaceous claystone with thin layers of coal		
	85.70	86.20	50				Claystone medium grey, silty towards base, regular parallel beds		
						290'/88.39			
	86.20	86.84	64				As above, carbonaceous fragments and inclusion at base		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7801 SHEET No: 13
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
11'	86.84	87.46	62				Sandstone, medium grey, fine to medium grained, occastional silty bands		
							Top of Box 37		
	87.46	87.62	16				As above		
						295'/89.92			
	87.62	88.27	65				Siltstone, grey, sandy interbedding, massive		
	88.27	89.21	94				Sandstone, fine grained, silty interbeds, concreasious at base, massive		
						300'/91.44			
13'	89.21	89.61	40				Sandstone, fine grained, regular parallel bedding, compact, massive		
							Top of Box 38		
	89.61	89.71	10				As above		
	89.71	90.02	31				Claystone, silty, dark grey, cross bedding, silty laminae and some sandy bonds		
	90.02	90.62	60				Sandstone, light grey, carbonaceous laminae, regular parallel bedding, massive		
						305'/92.96			
	90.62	90,85	23				Claystone, partly carbonaceous, sandy bands at top		
	90.85	91.73	88				Siltstone, medium grey, thin layers of claystone, some carbonaceous inclusions towards base (silty claystone)		
							Top of Box 39		
	91.73	91.85	12				Claystone, dark grey, silty interbeds, partly carbonaceous		
18'	91.85	92.09	24				Sandstone, medium grey, fine grained, carbonaceous laminae, parallel bedding, massive		
						310'/94.45			
	92.09	92.59	50				As above, calcite veins at base and carbonaceous laminae		
	92.59	92.66	7				Claystone, silty, dark grey, calcite veins and crystals		
	92.66	93.08	42				Sandstone, fine grained, silty interbeds, massive compact		
	93.08	93.31	23				Silty claystone, dark grey irregular silty layers and carbonaceous fragments		
	93.31	93.34	3				Carbonaceous claystone, highly broken		
	93.34	93.50	16				Sandstone, silty fine grained irregular parallel bedding		
						315'/96.01			

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7801 SHEET No: 14

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	93.50	93.61	11				Claystone, dark to black, some carbonaceous inclusions		
							Top of Box 40		
	93.61	94.01	40				Siltstone, dark grey, regular parallel bedded, massive		
	94.01	94.36	35				Claystone, occasional silty interbeds, few carbonaceous fragments		
	94.36	95.06	70				Carbonaceous claystone, coaly specks and laminae		
						320'/97.54			
	95.06	95.27	21	20			As above		
	95.27	96.20	93	89			Lost claystone		
	96.20	96.30	10	10			C_1		
	96.30	96.36	6	6			C_3		
17°	96.36	96.40	4	4	4269		Carbonaceous claystone	41	100
	96.40	96.44	4	4			C_4	41	
	96.44	96.49	5	5			C_3		
	96.49	96.53	4	4			C_4, highly broken		
	96.53	96.61	8	8			C_1		
							Top of Box 41		
	96.61	97.24	63				Carbonaceous claystone, thin coal layers at top		
	97.24	98.32	108				Claystone, shaley, some concretions		
	98.32	98.73	41				Siltstone, cross bedding irregular sandy bedding		
							Top of Box 42		
	98.73	98.85	12				Siltstone, medium grey, massive, plant fossils		
						330'/100.50			
	98.85	99.17	32				Sandstone, fine grained, silty interbeds, compact, massive		
	99.17	99.34	17				Claystone, coaly, highly carbonaceous and broken		
	99.34	99.80	46				Claystone, silty carbonaceous at top, some sandy bands, irregular at base		
	99.80	99.90	10				Carbonaceous claystone, dark to black, silty laminae		
	99.90	100.34	44				Sandstone, fine grained, occasional silty, massive		
						335'/102.11			
	100.34	100.66	32				as above		
	100.66	100.85	19				Silty claystone, dark to medium grey silty bonds, cross bedding at base. plant fossils		
							Top of Box 43		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7801 SHEET No: 15
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	100.85	100.88	3				as above		
	100.88	101.85	97				Carbonaceous Claystone thin coal layers stringers and inclusions		
						340/103.63			
	101.85	102.57	72				As above sideritic concretions		
	102.57	102.75	18				Siltstone cross bedding at top, carbonaceous fragments, compact		
	102.75	102.89	14				Sandstone fine grained, almost silty, cross bedded, coaly inclusions		
							Top of Box 44		
	102.89	103.04	15				Claystone dark grey, sandy at base		
		103.20	16				Sandstone medium to light grey, fine grained, massive		
						345/105.16			
		104.72	152				Sandstone fine to medium grained, occassional silty, irregular calcite veins in bedding		
						350/106.68			
		104.97	25				as above		
							Top of Box 45		
	104.97	104.34	37				Sandstone occasional silty interbedding, some $CaCo_3$ inclusions		
		105.51	17				Siltsonte interbedded, massive		
		105.65	14				Siltstone with sandy layers of fine grained sandstone, some carbonaceous inclusions		
		105.72	7				Claystone medium grey		
		106.11	39				Sandstone silty with bands of silty claystone, crossbedded at base		
		106.24	13				Siltstone dark grey, compact, irregular bedding, massive		
						355/108.20			
		106.37	13				As above more sandy toward base		
		107.15	78				Claystone occasional carbonaceous, silty olive grey beds of siltstone, parallel bedding		
							Top of Box 46		
		107.85	70				carbonaceous claystone, shaley, dark grey		
						360/109.73			
		107.95	10				Claystone grey, calcareous, laminae, visible		
		108.25	30				Claystone dark grey, shaley		
		108.61	36				Light grey claystone, calcareous, bands		
		108.79	18				Carbonaceous Claystone shaley		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7801 SHEET No: 16
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		109.21	42				Claystone medium to dark grey, carbonaceous at base		
		109.25	5				Siltstone concretions, carbonaceous fragments		
						365/111.25			
							Top of Box 47		
		109.44	10				Sandstone as above		
		110.37	93				Siltstone occasional sandy bands, irregular bedding, more sandy at base.		
		110.65	28				Claystone partly carbonaceous		
		110.84	19				Siltstone light grey massive, compact		
		111.52	68				As above, with sandstone bands		
						370/112.78			
							Top of Box 48		
		111.60	8				Dark grey claystone		
		112.13	53				Siltstone with bands of claystone, some carbonaceous inclusion, irregular bedding.		
		112.16	3				Carbonaceous Claystone with thin coal layers		
		112.28	12				Claystone dark gery, carbonaceous fragments and some fossils (plants)		
						375/114.3			
		112.52	24				Sandstone fine to medium grained, carbonaceous laminae and silty layers		
		113.57	105				Siltstone sandy and claystone bands, occasional carbonaceous inclusions		
							Top of Box 49		
		113.70	13			380/	Siltstone medium grey, occasional silty claystone and some sandy bands		
		114.15	45			115.82	As above		
		114.70	55				Carbonaceous Claystone		
		115.23	53				Sandstone fine grained at top grading into coarse grained at base.		
						385/117.35			
		115.48	25				Sandstone light grey, coarse grained massive		
		115.62	14				Silts claystone with carbonaceous inclusions		
		115.70	8				Carbonaceous claystone		

DENISON MINES LIMITED
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DIAMOND DRILL CORE LOG

HOLE No: BD 7801 SHEET No: 17
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 50		
		115.90	20				Carbonaceous Claystone with sideritic concretions		
		116.77	87				Sandstone medium to coarse grained, occasional carbonaceous laminae and specks, irregular bedding, massive		
		117.92	115				Light grey sandstone coarse grained, irregular bedding, compact, uniformed, massive.		
							Top of Box 51		
		118.14	22				As above		
						395/120.40			
		119.32	118				Conglomerate sandstone as above, occasional pebble up to 1 cm.		
		119.73	41				Conglomerate sandstone conglomerate matrix coarse grained sandstone		
						400/129.92			
		120.07	34				As above few pebbles up to 2 cm.		
							Top of Box 52		
		121.19	112				Conglomerate conglomerate sandstone as above		
						405/123.44			
		121.33	14				Conglomerate - as above with more pebbles		
		122.17	84				Conglomerate sandstone		
							Top of Box 53		
		122.57	40				As above		
						411/125.46			
		122.74	17				As above		
		123.66	92				Sandstone coarse grained, parallel bedding, compact massive		
		123.96	30				Conglomerate coarse grained matrix, pebbles up to 2 cm.		
		124.16	20				Conglomerate sandstone as before		
		124.31	15				Siltstone medium grey, interbedded of claystone laminae		
							Top of Box 54		
		124.48	17				As above		
		124.58	10				Carbonaceous Claystone		
		124.94	36				Sandstone silty irregular bedding, massive		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7801 SHEET No: 18

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		125.17	23				Siltstone some carbonaceous fragments, cross bedding		
		125.28	11				Carbonaceous Claystone		
		125.46	18				Sandstone fine grained, grading into siltstone at base		
						421.6/128.50			
		125.64	18				Silty Claystone with irregular silty band		
		126.02	38				Sandstone fine grained, irregular parallel bedding, massive		
		126.13	11				Claystone dark grey, partly carbonaceous		
		126.37	24				Siltstone grading into fine grained sandstone into base		
							Top of Box 55		
		127.19	82				Sandstone fine grained silty interbedded, massive		
		127.29	10				Silty claystone dark to medium grey, some carbonaceous inclusions		
		127.57	28				Sandstone as above		
		127.77	20				Silty claystone with few sandy bands and carbonaceous laminae		
		128.55	78				Sandstone light grey, medium grained, silty at base with coaly specks and stringers.		
						432/131.67			
							Top of Box 56		
14		128.76	21				Sandstone fine grained, silty crossbedding, compact massive		
		128.80	4				Carbonaceous Claystone silty stringers		
		129.60	80				Sandstone fine grained, silty at top; medium grading into coarse grained at base		
		130.72	112				Sandstone light grey, coarse grained, carbonaceous specks, very massive		
							Top of Box 57		
		131.42	70				Sandstone as above		
						442/134.72			
		132.83	141				Sandstone as above, claystone concretions at base (pebbles of claystone)		
		132.90	7				Sandstone fine grained, carbonaceous laminae irregular silty beds, cross bedded.		
							Top of Box 58		
		134.54	164				As above		
						452/137.77			
		135.09	55				As above		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7801 SHEET No: 19

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 59		
		135.74	65				As above		
		135.92	18				Claystone dark grey some silty layers		
		136.01	9				Sandstone silty medium grey, compact, massive		
		136.17	16				Claystone as claystone above		
		136.86	69				Sandstone fine grained, silty interbedding in bedding, massive		
						460/140.21			
13		137.22	36				As above		
							Top of Box 60		
		137.31	9				Claystone dark to black, compact		
		137.41	10				Siltstone light grey, compact, massive		
		137.61	20				Silty Claystone medium, to dark grey, irregular bedding		
						463/141.12			
		138.43	82				As above		
		138.86	43				Sandstone medium to coarse grained, irregular silty liminitic, $CaCo_3$ inclusions, massive		
		139.29	43				Siltstone medium to dark grey, cones irregular bands of sandstone and claystone interbedded		
		139.37	8				Carbonaceous Claystone core broken		
						467/142.34			
							Top of Box 61		
		139.43	6				As above		
		140.60	117				Sandstone light grey, medium grained, irregular bedding, massive, a few $CaCo_3$		
						474/144.48			
		141.46	86				Sandstone as above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7801 SHEET No: 20

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 62		
	141.46	141.88	42				Sandstone, light grey, medium - coarse grained, some carbonaceous specks, few calcite veins toward op, massive, compact, regular bedded		
	141.88	141.96	8				Silty claystone, dark grey, carbon inclusions		
12°	141.96	142.97	101				Sandstone, as above		
	142.97	143.30	33				Carbonaceous claystone, black, regular bedded		
	143.30	144.40	110				Claystone loss		
	144.40	144.62	22	21			C-2 partly broken		
					4260				
							Top of Box 63		
	144.62	144.78	16	16			C-2 broken core		
	144.78	144.93	15	15			Coal loss		
	144.93	145.25	32	31	4261		Carbonaceous claystone		
	145.25	145.42	17	16			C_4		
	145.42	145.70	28	27			Carbonaceous claystone		
	145.70	146.00	30	29			C_1, broken, pulverized at top end		
	146.00	146.20	20	19			Coaly claystone		
	146.20	146.35	15	15			Claystone loss		
						500/152.40			
								346/405	85
	146.35	146.70	35	34			C_2, mostly durain		
	146.70	146.96	26	25	4262		C_1		
	146.96	147.25	29	28			Claystone loss		
14°	147.25	147.28	3	3			Carbonaceous claystone, silty		
	147.28	147.30	2	2			C_1		
							Top of Box 64		
	147.30	147.90	60	58			C_2		
	147.90	147.93	3	3			C_3		
	147.93	148.45	52	50			C_2		
						510/155.45			
	148.45	148.50	5	5			Carbonaceous claystone		
	148.50	149.04	54	52			Claystone, silty, carbonaceous fragments, parallel bedded, massive		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7801 SHEET No: 21

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	149.04	149.14	10	10			Carbonaceous claystone, thin coal beds, broken		
	149.14	149.24	10	10			Claystone loss		
	149.24	149.27	3	3			C_2 10% vitrain		
	149.27	149.34	7	7			Coal loss		
	149.34	149.67	33	32			Claystone loss		
15°	149.67	150.00	23	22			Claystone, silty, carbonaceous at top		
							Top of Box 65		
	150.00	150.64	64	62			As above		
	150.64	150.84	20	19			Carbonaceous claystone, highly broken		
						515 / 156.97			
	150.84	150.87	3	3			Coaly claystone		
	150.87	150.97	10	10	4263		C_3		
	150.97	151.08	11	11			C2		
	151.08	151.22	14	14			C_1	35	36
	151.22	151.85	63	61			Coal loss	98	
	151.85	152.60	75	72			Claystone, grey, massive, uniform		
							Top of Box 66		
	152.60	153.50	90	87			As above		
						524 / 159.72			
	153.50	153.63	13	13			Carbonaceous claystone		
	153.63	153.80	17	16			Claystone lost		
	153.80	153.97	17	16			C_2		
	153.97	154.05	8	8			Coal Loss		
	154.05	154.77	72	70			Carbonaceous claystone, highly broken		
	154.77	154.81	4	4			C_1		
	154.81	154.87	6	6	4264	527.5 / 160.31	Coal loss		
15°	154.87	154.97	10	10			Coaly claystone		
	154.97	155.10	13	13			Claystone lost		
							Top of Box 67		
	155.10	155.13	3	3			C_1		
	155.13	155.25	12	12			C_4, broken		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7801 SHEET No: 22
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	155.25	155.26	1	1			C_1		
	155.26	155.31	5	5			C_4		
	155.31	155.50	19	18			Coal loss		
	155.50	155.66	16	15			Carbonaceous claystone, coaly at top, broken		
						530 / 161.54			
	155.66	155.74	8	8			Claystone as above		
	155.74	155.78	4	4			C_4		
	155.78	155.83	5	5			Coaly claystone		
	155.83	155.88	5	5			Carbonaceous claystone		
	155.88	155.97	9	9			C_3		
	155.97	156.09	12	12			C_4		
						533.5 / 162.64			
	156.09	156.18	9	9			C_4		
	156.18	156.50	32	31			Claystone loss		
	156.50	156.90	40	39			Coal loss		
	156.90	157.30	40	39			Claystone loss		
	157.30	157.48	18	17			Carbonaceous claystone		
	157.48	157.56	8	8			C_3		
	157.56	157.71	15	14			C_2		
	157.71	157.75	4	4			C_4		
	157.75	157.83	8	8			Carbonaceous claystone with coaly inclusions		
						537.5 / 163.86			
	157.83	157.97	14	14			Carbonaceous claystone as above		
							Top of Box 68		
	157.97	158.69	72	70			As above		
	158.69	158.77	8	8			C_4		
	158.77	158.99	22	21			Coaly claystone		
	158.99	159.39	40				Carbonaceous claystone, coaly specks and stringers		
	159.39	160.09	70				Claystone, some silty bands and carbonaceous fragments, massive		

4.45

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7801 SHEET No: 23
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 69		
	160.09	162.33	224				Carbonaceous claystone, few silty concretions and some coaly lam, uniformed		
							Top of Box 70		
	162.33	162.44	11			554/168.86			
	162.44	163.02	58				as above		
	163.02	163.59	57				siltstone, dark grey and carbonaceous at top with sandy bands, irregular bedding, more sandy at base		
	163.59	164.39	80				Sandstone, fine grained, light grey, silty laminae , massive irregular bedding		
							Top of Box 71		
20°	164.39	165.33	94				as above, silty toward base		
						564.6/172.09			
	165.33	165.73	40				Siltstone, medium to dark grey, parallel bedding, massive		
	165.73	166.56	83				Silty, claystone, laminae, occassional carbonaceous laminae parallel bedding		
							Top of Box 72		
16	166.56	168.39	183				as above		
						574.6/175.14			
	168.39	168.63	24				Claystone, carbonaceous laminae,specs, irregular bedding uniformed		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7801 SHEET No: 24
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 73		
	168.63	170.81	218				Siltstone, medium grey, irregular bedding, irregular carbonaceous stringers and specks		
							Top of Box 74		
13'	170.81	171.34	53				as above		
						584.6/178.19			
	171.34	171.88	54				as above		
	171.88	172.31	43				claystone, dark grey, shaley, carbonaceous specs		
	172.31	172.96	65				Carbonaceous claystone, black coaly stringers		
							Top of Box 75		
	172.96	173.70	74				Carbonaceous claystone as above		
	173.70	173.88	18				Carbonaceous claystone, black-olive grey, coaly inculsions		
	173.88	173.92	4				Carbonaceous claystone, black, coaly		
	173.92	173.95	3				C_1		
	173.95	174.41	46				Carbonaceous claystone as above		
						595/181.36			
	174.41	175.11	70				Carbonaceous claystone, occasional thin coaly layers and stringers		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7801 SHEET No: 25

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 76		
	175.11	175.34	23				Carbonaceous claystone, coaly laminae, broken		
						599'/182.58			
	175.34	175.42	8	8			As above		
	175.42	176.33	91	89			Claystone loss		
	176.33	176.55	22	22			C_2		
	176.55	176.76	21	21			C_1		
	176.76	176.83	7	7			C_3		
	176.83	177.05	22	22			Claystone		
	177.05	177.09	4	4			C_4		
	177.09	177.25	16	16			Coal loss		
	177.25	177.27	2	2			Carbonaceous claystone		
	177.27	177.50	23	22			Claystone loss		
	177.50	177.64	14	14			C_3, broken		
	177.64	178.10	46	45			Coal loss		
	178.10	178.40	30	29			Claystone loss		
12°					4258	605'/184.40			
	178.40	178.48	8	8			C_4		
	178.48	179.12	64	63			Coal loss		
	179.12	179.22	10	10			C_3		
	179.22	179.31	9	9			C_2		
	179.31	179.34	3	3			C_4		
	179.34	179.51	17	17			C_1		
						607'/185.01			
	179.51	179.61	10	10			C_2		
	179.61	179.68	7	7			C_4 (Limonite specks)		
	179.68	179.77	9	9			C2		
	179.77	179.80	3	3			C_3		
	179.80	179.92	12	12			C_2 highly broken		
							Top of Box 77		
	179.92	180.05	13	13			C_2		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7801 SHEET No: 26

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	180.05	180.08	3	3		611/	C-3		
	180.08	180.13	5	5		186.23	C-3		
	180.13	180.28	15	15			C-2		
	180.28	180.45	17	17			C-1		
	180.45	180.47	2	2			C-4		
	180.47	180.70	23	22			C-1, breaks into cubes (vitrain)		
	180.70	180.85	15	15			Claystone Loss		
	180.85	180.95	10	10			Carbonaceous Claystone		
	180.95	181.06	11	11			Coal Lost		
	181.06	181.08	2	2			C-2		
	181.08	181.11	3	3			Carbonaceous Claystone		
	181.11	181.17	6	6			C-1, pulverized		
	181.17	181.20	3	3			C-3, broken and sheared		
	181.20	181.23	3	3			Coaly Claystone		
						615/187.45			
	181.23	181.31	8	8			Carbonaceous Claystone coaly layers interbedded at top, silty towards base.		
	181.31	182.05	74	72			Carbonaceous fragments, massive		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7801 SHEET No: 27

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 78		
		182.26	21				Siltstone sandy interbedded, irregular bedding partly carbonaceous		
		182.81	55				Carbonaceous Claystone black, chaley, some silty layers at base		
		183.30	49				Siltstone partly carbonaceous, crossbedded, thin layer of claystone, bands of fine grained sandstone, carbonaceous laminae		
12		184.20	90				Sandstone fine to medium grained, light grey, irregular parallel bedding, carbonaceous inclusions few coaly stringers, massive		
							Top of Box 79		
		186.38	218			625/190.50	Sandstone as above, medium grained, light grey, uniformed		
							Top of Box 80		
		187.15	77				As above, medium to coarse grained		
		187.33	18			635/193.55	As above		
		187.39					Sandstone fine grained		
		188.10	71				Sandstone medium grained, irregular bed, cale and coaly stringers, massive		
		188.38	28				Sandstone fine grained, carbonaceous		
		188.42	4				Carbonaceous Claystone black - has to be black		
							Top of Box 81		
	188.42	188.57	15				C2		
	188.57	188.60	3				C1		
	188.60	188.80	20				Coal		
	188.80	188.85	3				Carbonaceous Claystone		
	188.85	188.88	3				C1		
	188.88	188.92	4				Coaly Claystone		
	188.92	188.98	6				C1		
	188.98	188.99	1				C3		
	188.99	189.17	18				Carbonaceous Claystone broken at base		
	189.17	189.19	2				C2		
	189.19	189.22	3				Carbonaceous Claystone		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7801 SHEET No: 28
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		189.31	9				Carbonaceous Claystone coaly at base		
	189.31	189.32	1				C1		
		189.44	12				Carbonanaceous Claystone		
	189.44	189.50	6				C3, specs of FeS_2		
	189.50	189.66	16				Coaly Claystone		
	189.66	189.69	3				C4		
	189.69	189.72	3				Coaly Claystone		
						644/196.29			
	189.72	189.94	22				Carbonaceous Claystone		
	189.94	190.14	20				Coaly Claystone		
	190.14	190.19	5				Carbonaceous Claystone		
	190.19	190.45	26				Silty Claystone dark grey, carbonaceous fragments, compact		
							Top of Box 82		
	190.45	190.74	29				As above		
		191.13	39				Claystone carbonaceous, some coal inclusions silty layers		
		192.29	116				Siltstone medium grey, laminated, grading to sandstone (fine grained, into base, irregular bedding.		
		192.37	8				Siltstone medium grey, sandy irregular layers		
							Top of Box 83		
						655/199.64			
		192.54	17				As above		
16		194.51	197				Fine to medium grained sandstone occasional carbonaceous laminae, irregular bedding toward top, paralled and irregular bedding at base, massive		
							Top of Box 84		
		195.44	93				As above compact, massive medium grained		
						665/202.69			
		196.59	115				As above		
							Top of Box 85		
		198.22	163				As above		
						674.6/205.62			
16		198.72	50				As above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7801 SHEET No: 29

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 86		
	198.72	200.82	210				As above grading into coarse grain		
	200.82	200.89	7				Conglomeratc sandstone, pebbles up to 1cm matrix coarse grey sandstone, carbonaceous and coaly stringer		
							Top of Box 87		
	200.89	200.92	3				As above		
	200.92	201.12	20				Light grey coarse grain sandstone, uniform, massive		
	201.12	201.22	10				Conglomerate, matrix sandstone, pebbles up to 1 cm (some concretions of clst(incl)		
						684.6 /208.67			
	201.22	201.28	6				As above		
	201.28	201.43	15				Sandstone, light grey, coarse top, medium grain at base, carbonaceous, some coaly stringers (incl)		
	201.43	202.83	140				Sandstone, medium to coarse grain, light grey, carbonaceous limanae, 1 $CaCo_3$ vein		
	202.83	203.05	22				Sandstone, conglomeratc, coarse grain, carbonaceous and coaly at top, uniformed massive		
							Top of Box 88		
	203.05	203.99	94				As above		
	203.99	204.24	25				Conglomerate, pebbles up to 1 cm matrix of coarse grain sandstone-conglomeratc Sdst.		
						694.6 /211.71			
	204.24	205.07	83				Conglomerate, massive, hardly visible matrix		
	205.07	205.14	7				Conglomeratc sandstone		
	205.14	205.59	45				Conglomerate as above		
							Top of Box 89		
	205.59	207.20	191				Conglomerate as above, larger pebbles		
						704.6 /214.76			
	207.20	207.46	26				As above		
							Top of Box 90		
	207.46	207.55	9				As above, matrix coarse grain sandstone		
	207.55	207.61	6				Coarse grain sandstone		
	207.61	208.00	39				Conglomerate, as before		
	208.00	208.08	8				Coarse, grey sandstone		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7801 SHEET No: 30
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
						707/215.49			
	208.08	208.23	15				Conglomeratc sandstone - coarse grain		
	208.23	209.01	78				Conglomerate, as before		
						710/216.41			
	209.01	209.61	60				Conglomerate, as above, carbonaceous at base, sideritic concretions		
							Top of Box 91		
	209.61	210.41	80				Conglomerate, matrix of fine to medium grain sandstone, some coaly stringers		
						715/217.93			
	210.41	210.91	50				Carbonaceous claystone, highly broken, few coaly stringers		
	210.91	211.26	35				Silty claystone, carbonaceous layers and coal inclusions, irregular bedding		
	211.26	211.55	29				Carbonaceous claystone		
	211.55	212.69	114				Claystone loss		
							Top of Box 92		
16	212.69	212.86	17				As above		
	212.86	214.18	132				As above, coaly stringers and inclusions at the tope		
						725/220.98			
	214.18	214.84	66				as above, silty layers toward base		
							Top of Box 93		
	214.84	215.08	24				Silty claystone, irregular bedding, occassional carbonaceous		
	215.08	215.20	12				Sandstone, fine grained, silty carbonaceous stringers and inclusions		
	215.20	216.03	83				Carbonaceous claystone, few coaly stringers		
17	216.03	216.78	75				Siltstone, occassional sandy bands and carbonaceous liminae		
	216.78	216.98	20				Sandstone, light grey fine grain silty laminae		
							Top of Box 94		
	216.98	217.11	13				as above		
						735/224.93			
	217.11	218.43	132				light grey sandstone, medium grain to fine grain toward base uniform, massive		
	218.43	218.89	46				carbonaceous claystone, occassional silty layers, irregular bedding		
	218.89	219.10	21				Siltstone, irregular laminae of carbonaceous claystone, carbonaceous fragments		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7801 SHEET No: 31

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 95		
	219.10	219.38	28				Sandstone, fine grain, carbonaceous laminae, cross bedding		
	219.38	219.71	33				Siltstone, some sandy bands, irregular cross beds, carbonaceous laminae		
	219.71	220.07	36				Claystone, partly carbonaceous, silty concretions		
						745 /227.08			
	220.07	221.11	41				As above		
	221.11	221.85	74				Siltstone, as above, sandy towards base		
							Top of Box 96		
	221.85	222.25	40				Sandstone, fine grain, silty interbeds, massive		
	222.25	222.63	38				Claystone, partly carbonaceous, some coaly inclusions		
	222.63	223.63	100				Silty claystone, occassional carbonaceous irregular bedding, few coaly stringers		
						755 /230.12			
	223.63	223.94	31				as above		
							Top of Box 97		
	223.94	224.18	24				As above		
						757 /230.73			
	224.18	226.13	195				As above		
							Top of Box 98		
	226.13	226.72	59				Silty clst., as above		
						765 /233.17			
	226.72	228.31	159				As above.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7801 SHEET No: 32

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 99		
		228.42	11				Silty Claystone medium grey, carbonaceous at base		
		228.50	8				Carbonaceous Claystone parallel bedding, coaly inclusion		
	228.50	228.80	30	29			C-2 (Durain)		
						773/235.61			
		228.97	17	16			Silty Claystone highly broken, dark grey		
		229.82	85	82			Siltstone medium grey, paralle bedding, massive		
		230.00	18	18			Claystone Loss		
	230.00	230.07	7	7			C2, broken		
		230.11	4	4			Claystone partly carbonaceous, broken		
	230.11	230.14	3	3			C1		
		230.18	4	4			Carbonaceous Claystone silty towards base		
		230.53	35	34			Siltstone dark, hard, massive, compact		
							Top of Box 100		
		230.99	46				Carbonaceous Claystone uniform, compact		
		231.24	25				Silty claystone with carbonaceous fragments		
		232.06	82				Claystone partly carbonaceous irregular, silty bands		
						783/238.65			
		232.62	56				As above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7801 SHEET No: 33
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 101		
	232.62	233.00	38				As above		
	233.00	233.05	5				Coaly Claystone		
	233.05	233.13	8				C4		
	233.13	233.29	16				Carbonaceous Claystone silty toward base		
	233.29	233.72	43				Siltstone with sandy layer, irregular bedding, carbonaceous		
	233.72	233.75	3				Carbonaceous Claystone, thin coaly stringers		
	233.75	233.78	3				C1		
	233.78	233.81	3				C4		
	233.81	233.99	18				Carbonaceous Claystone		
	233.99	234.15	16				Claystone Loss		
10°	234.15	234.25	10				C3		
	234.25	234.35	10				Carbonaceous Claystone		
						790.6/290.97			
	234.35	234.83	48				As above		
							Top of Box 102		
	234.83	234.86	3				As above		
	234.86	235.04	18				Silty claystone with carbonaceous fragments		
	235.04	236.29	125				Carbonaceous Claystone with occasional coaly stringers		
	236.29	236.97	68				Silty claystone as before		
							Top of Box 103		
12°	236.97	237.40	43			801/ 244.14	Siltstone irregular bedding, uniform, massive		
	237.40	237.73	33				As above		
	237.73	238.51	78				Carbonaceous Claystone shaley, broken		
	238.51	239.07	56				Siltstone irregular bedding with occasional sandy bands, massive		
							Top of Box 104		
	239.07	239.69	62				As above		
	239.69	239.74	5				Claystone dark grey, silty laminae		
	239.74	239.96	22				Silty claystone medium to dark grey, paralled irregular bedding		
	239.96	240.09	13				Claystone dark grey, occasional silty, carbonaceous fragments toward base.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7801 SHEET No: 34
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	240.09	240.72	63				Carbonaceous claystone with some coal included, broken		
	240.72	241.00	28				Sandstone, fine gr., irregular bedding, carbonaceous		
	241.00	241.13	13				Clst., silty interbedded, carbonaceous fragments		
	241.13	241.27	14				carbonaceous claystone, coaly at base		
							Top of Box 105		
	241.27	241.34	7				As above		
	241.34	241.36	2				C1		
	241.36	241.57	21				Claystone, partly carbonaceous with silty inter beds		
	241.57	242.29	72				Siltstone dark grey with few carbonaceous fragments compact massive		
	242.29	242.72	43				carbonaceous claystone with coal strings at the top		
	242.72	243.37	65				Siltstone med. grey with sandy bands cross bedded		
						821.6' 7250.42			
	243.37	243.42	5				As above		
							Top of Box 106		
	243.42	244.24	82				Sandstone light grey, very fine gr., occasional silty crossbed. silty at base.		
	244.24	244.52	28				Siltstone with sandy band with irregular parallel bedding		
	244.52	245.28	46				Carbonaceous claystone with some coal included at top		
	245.28	245.57	59				Silty claystone, med. to dark grey, occasional silty layer		
	245.57	245.60	3				Sandstone light grey, very fine gr., massive		
							Top of Box 107		
	245.60	245.80	20				Silty claystone as before		
	245.80	245.90	10				Carbonaceous claystone, shaley, broken		
	245.90	246.48	58				Siltstone, med. grey, calcite uniformed		
	246.48	246.90	42				Shaley claystone, silty toward top		
						832' 7253.59			
	246.90	247.45	55				Siltstone as before		
	247.45	247.78	33				Silty claystone, dark grey, uniformed		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7801 SHEET No: 35

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 108		
	247.78	248.90	112				As above		
	248.90	249.30	40				Siltstone, sandy med. grey uniformed massive		
13°	249.30	249.63	33				Sandstone fine gr., compact massive, irregular bedding		
					842'	7266.64			
	249.63	250.02	39				As above		
							Top of Box 109		
	250.02	250.49	47				As above		
	250.49	250.53	4				Silty claystone, med. grey with few silty lam.		
	250.53	250.73	20				Sandstone as before medium gr.		
	250.73	250.78	5				Silty claystone dark grey parallel bedding		
	250.78	251.44	66				Sandstone med. grey, fine gr., uniformed compact massive		
	251.44	252.18	74				Light grey sandstone, coarse gr., irregular bedding; massive		
							Top of Box 110		
14°	252.18	252.70	52				As above		
					852'	7259.69			
16°	252.70	253.47	77				As above, carbonaceous toward base with coaly incl. ; parallel irregular bedding.		
	253.47	254.37	90				Sandstone light grey with black & specs & strings, carbonaceous, coal incl. coarse grained, massive.		
							Top of Box 111		
	254.37	254.52	15				As above		
23°	254.52	255.35	83				Sandstone light grey, med. gr., occasional carbonaceous lam , parallel bedding massive.		
					862'	7262.74			
	255.35	256.51	116				As above		
							Top of Box 112		
	256.51	256.68	17				As above		
	256.68	257.72	104				As above with many coal strings - carbonaceous		
					871'	7265.48			
	257.72	257.81	9				Cong. sandstone, matrix coarse gr. sandstone with few pebbles up to 1 cm. coal stringers.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7801 SHEET No: 36
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	257.81	258.03	22				Conglomerate matrix sandstone, coarse grain, pebbles up to 1 cm, coaly inclusions		
	258.03	258.13	10				Sandstone, medium to coarse grain, carbonaceous		
						872.6/265.97			
	258.13	258.50	37				Conglomerate as before		
							Top of Box 113		
	258.50	258.60	10				As above		
	258.60	258.80	20				Sandstone as sandstone before		
	258.80	259.23	43				Conglomeratic sandstone, very coaly, carbonaceous		
	259.23	259.61	38				Sandstone, medium to coarse grain with coal inclusions		
	259.61	260.04	43				Conglomerate, carbonaceous with many strings and specs of coal		
	260.04	260.24	20				Sandstone as before, coarse toward base		
	260.24	260.48	24				Conglomeratic sandstone, matrix of coarse grain, pebbles to 1 cm cb, coaly		
	260.48	260.55	7				Sandstone, light grey, coarse grain, compact irregular bedding only		
							Top of Box 114		
	260.55	262.17	162				as above		
						885/269.75			
27°	262.17	262.71	54				as above		
							Top of Box 115		
	262.71	263.53	82				As above		
	263.53	263.98	45				Conglomeratic sandstone, few calcite inclusions, partly carbonaceous with coaly stringers, matrix of medium to coarse sandstone, pebbles up to 1 cm		
	263.98	264.88	90				Sandstone as sandstone before but carbonaceous, many coal stringers and inclusions		
							Top of Box 116		
	264.88	265.08	20				As above		
						895/272.80			
	265.08	265.22	14				As above		
24°	265.22	266.88	166				Sandstone light grey, medium to coarse grain, irregular bedding, uniformed massive, few coal stringers at base		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7801 SHEET No: 37
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 117		
	266.88	268.05	117				As above, uniformed massive		
						905 / 275.84			
	268.05	268.94	89				As above		
							Top of Box 118		
	268.94	269.11	17				As above		
	269.11	271.01	190				Sandstone, coarse grain, carbonaceous with many coaly strings & specks, massive		
							Top of Box 119		
						915 / 278.89			
	271.01	272.27	126				Conglomeratic sandstone, coarse grain, carbonaceous with few strings of coal at top, massive, irregular bedding, pebbles up to 1 cm.		
	272.27	273.19	92				Sandstone, light grey, coarse grain, uniformed massive		
							Top of Box 120		
	273.19	273.25	6				As above		
	273.25	273.29	4				Conglomeratic sandstone as before, carbonaceous coal inclusions		
	273.29	274.70	1 41				Rock Loss		
	274.70	274.75	5				C-3		
	274.75	274.88	13				Carbonaceous claystone, coaly at the top		
	274.88	275.38	50				Siltstone, medium to dark grey, irregular carbonaceous lam[illegible] sandy at base		
	275.38	275.69	31				Claystone, occassional carbonaceous with thin silty layers		
	275.69	276.15	46				Siltstone, sandy irregular bedding, some carbonaceous fragments		
	276.15	276.42	27				Silty claystone, olive dark grey, compact irregular bedding		
	276.42	276.65	23				Claystone carbonaceous, some coal inclusions		
							Top of Box 121		
	276.65	277.65	100				As above, silty toward base		
	277.65	277.72	7				Sandstone, fine to medium grain, compact		
	277.72	277.98	26				Siltstone sandy, medium grey, irregular bedding, massive		
	277.98	278.10	12				Claystone, dark grey with carbonaceous fragments		
						935 / 284.99			

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7801 SHEET No: 38

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	278.10	278.30	20				Carbonaceous claystone, broken		
	278.30	278.66	36				Silty claystone, dark grey massive, more silty toward base		
28°	278.66	278.72	6				Sandstone light grey, fine grain, irregular bedding, compact massive		
							Top of Box 122		
	278.72	278.96	24				As above, silty limestone		
	278.96	279.20	24				Claystone dark grey, compact, uniform		
	279.20	279.43	23				Siltstone, medium to dark grey, some carbonaceous specs & sandy bands		
	279.43	280.89	146				Sandstone medium to light grey, fine grain, irregular silty bands and lam, irregular bedded massive		
							Top of Box 123		
	280.89	281.08	19				As above		
						945 7289.04			
23°	281.08	282.83	175				As above		
	282.83	282.89	6				Claystone, dark grey, compact		
	282.89	282.98	9				Siltstone with few sandy bands, massive		
	282.98	283.12	14				Sandstone as sandstone before		
							Top of Box 124		
	283.12	283.25	13				As above		
	283.25	283.57	32				Silstone, interbedded with thin layer of claystone		
						953 7290.47			
	283.57	283.61	4				Claystone, dark to black, partly carbonaceous		
	283.61	284.49	88				Siltstone, silty claystone, medium to dark grey, lam & thin layers claystone, some corss bedding toward base, massive		
26°	284.49	284.82	33				Sandstone, silty limestone, compact massive		
	284.82	285.06	24				Claystone, medium grey, occassional silty compact uniform		
	285.06	285.25	19				Sandstone, silty as before		
						959 7292.30			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7801 SHEET No: 39

DATE BEGUN: DEPTH: BEARING: U.T.M.:

DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:

LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 125		
	285.25	285.38	13				As before		
	285.38	285.98	60				Claystone, silty lam. with some carbonaceous fragments, irregular bedding uniform		
	285.98	286.47	49				Siltstone, silty, as before		
	286.47	286.69	22				Siltstone, medium grey, fine grain, uniform, massive		
	286.69	287.00	31				Claystone, as claystone before		
						965/294.13			
	287.00	287.33	33				Claystone, dark grey to black, occassional carbonaceous and carbonaceous fragments		
							Top of Box 126		
	287.33	287.63	30				Claystone, dark grey, coaly and carbonaceous fragments		
	287.63	288.01	38				Carbonaceous claystone, black, coaly inclusions		
	288.01	288.14	13			970/295.66	as above, but highly broken		
	288.14	288.65	51				Claystone loss		
	288.65	288.90	25	23			Coal loss		
	288.90	289.12	22	20			Claystone loss		
	289.12	289.23	11	10			C-2, highly broken		
	289.23	289.25	2	2			C-4, highly broken		
	289.25	289.60	35	32			Claystone loss		
24°	289.60	289.72	12	11			Coal loss		
	289.72	290.00	28	26	4298		C-2		
	290.00	290.44	44	40			C-2, highly broken		
	290.44	290.45	1	1			C-4		
	290.45	290.49	4	4			C-3, with sideritic inclusions		
						975/297.18			
	290.49	290.64	15	14			C-2		
							Top of Box 127		
	290.64	290.77	13	12			C-1		
	290.77	290.81	4	4			C-3, broken		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7801 SHEET No: 40
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	290.81	290.86	5	5			C-1, broken		
	290.86	291.13	27	25			C-2, broken		
	291.13	291.17	4	4			C-3, broken		
	291.17	291.34	17	16			C-2, broken		
	291.34	291.48	14	13			C-1, limonite specks		
	291.48	291.73	25	23			C-2, big amount of sideritic concretions and some limonite		
	291.73	291.77	4	4			C-1		
						981.9 /299.28			
	291.77	291.82	5	5			C-2		
	291.82	291.84	2	2			C-1		
	291.84	291.97	13	12			C-2		
	291.97	292.02	5	5			Coaly claystone		
	292.02	292.17	15	14			C-3		
	292.17	292.25	8	7			C-4		
	292.25	292.80	55	50			Claystone loss		
	292.80	293.20	40	37			Coal loss		
	293.20	293.25	5	5	↓		C-2, highly broken		
	293.25	293.30	5	5			Carbonaceous claystone, highly broken, coaly inclusions		
	293.30	293.54	24	22			Siltstone, fine grain, light grey, massive Carbonaceous at top		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7801 SHEET No: 41
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of box 128		
	293.54	295.65	211				Sandstone, medium to coarse grain, light to medium grey, compact uniform massive (salt & pepper)		
							Top of Box 129		
22°	295.65	297.81	216				As above		
							Top of Box 130		
18°	297.81	299.36	155				As above		
	299.36	299.44	8				As above, but conglomerate, pebbles up to 2 cm		
	299.44	299.56	12				Sandstone as before		
						1005 / 306.32			
	299.56	299.91	35				as above, medium grain		
							Top of Box 131		
	299.91	302.04	213				As above, medium grain, few pebbles at 42, 132, 171, 202, very uniform & massive		
							Top of Box 132		
	302.04	302.57	53				As above		
						1015 / 309.37			
	302.57	304.21	164				As above, pure medium grain sandstone		
							Top of Box 133		
	304.21	305.65	144				As above, grading into coarse grain toward base		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7801 SHEET No: 42
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
						1025/312.42			
	305.65	305.95	30				As above but very coarse grain		
12°	305.95	306.10	15				Siltstone - sandy, medium grey, irregular parallel bedding		
	306.10	306.23	13				Conglomerate, sandstone matrix some carbonaceous & claystone concretions		
	306.23	306.28	5				Sandstone coarse grain as before		
	306.28	306.37	9				Siltstone - sandy as before		
							Top of Box 134		
	306.37	306.47	10				Conglomerate sandstone, coarse grain, light grey, massive (salt & pepper)		
						1028/313.33			
	306.47	306.75	28				As above, more pebbles toward base		
	306.75	307.45	70				Sandstone coarse grained as before with few pebbles at		
	307.45	308.55	110				as above - medium grained some coaly inclusions at base few pebbles at 97.		
							Top of Box 135		
						1035/315.47			
	308.55	308.71	16				Sandstone light grey, medium to coarse grained, uniform, massive.		
	308.71	308.75	4				Siltstone medium to dark grey, limonitic parallel bedding.		
	308.75	310.13	138				light grey, coarse grained compact, massive, uniform, few thin bands of claystone at base.		
	310.13	310.26	13				Claystone dark grey, silty, limonitic.		
	310.26	310.59	33				medium to coarse grained, as above		
							Top of Box 136		
24°	310.59	310.79	20				Siltstone - sandy, carbonaceous lam irregular parallel bedding		
	310.79	311.06	27				Sandstone as before		
	311.06	311.30	24				Siltstone - sandstone as before		
	311.30	311.56	26				medium to coarse grained sandstone, uniform, light grey (salt and pepper), conglomeratc at the base.		
						1045/318.52			
	311.56	311.66	10				Conglomerate, coarse grained sandstone matrix, pebbles up to 3 cm, partly carbonaceous		
	311.66	312.74	108				medium grained as before sandstone - uniform, massive		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7801 SHEET No: 43
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 137		
12°	312.74	314.55	181				as above		
						1055 / 321.56			
		314.85	30				as above		
							Top of Box 138		
		317.03	218				as above		
							Top of Box 139		
		317.59	56				as above		
						1065 / 324.61			
		319.21	162				as above		
							Top of Box 140		
		320.51	130				as above		
						1075 / 327.66			
		321.39	88				as above		
							Top of Box 141		
		323.49	210				as above		
						1085 / 330.71			
		323.56	7				as above		
8°		325.74	218				Top of Box 142 as above		
							Top of Box 143		
		326.49	75				as above		
						1095 / 333.76			
		327.92	143				as above		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7801 SHEET No: 44
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 144		
	327.92	328.71	79				As above		
	328.71	328.75	4				Claystone dark grey, silty interbed		
	328.75	328.82	7				Sandstone - silty very fine grain, irregular parallel bedding		
	328.82	328.92	10				Siltstone - inter bedding of siltstone and claystone ,		
	328.92	329.54	62				Sandstone, fine to medium grain uniform, compact, massive (salt & pepper)		
						1105/336.80			
		330.06	52				As above		
							Top of Box 145		
		332.21	215				As above		
							Top of Box 146		
		332.56	35				As above		
						1115/339.85			
6°		334.36	180				As above		
							Top of Box 147		
Joint 86°		335.22	86				As above - joint with $CaCo_3$ at base		
	335.22	336.00	78			1125/342.90	Rock loss		
	336.00	337.25	125				As above (sandstone)		
							Top of Box 148		
		338.63	138				As above		
							Siltstone sandy, interbeds claystone, parallel bedding, limonitic		
	338.63	338.70	7				Sandstone as before		
						1135/345.95			
	338.70	338.81	11				As above		
		339.04	23				Siltstone - Sandstone fine grained, claystone limonitic, more sandy at base		
							Top of Box 149		
10°		340.03	99				Sandstone as before		
		340.25	22				Silty claystone,		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7801 SHEET No: 45
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	340.25	340.55	30				Sandstone as before		
	340.55	340.97	42				Sandstone as above but fine grained sandstone grading to siltstone at base		
	340.97	341.08	11				Claystone dark grey, carbonaceous fragments compact uniform		
	341.08	341.22	14				Sandstone as sandstone before - fine grain		
							Top of Box 150		
	341.22	341.59	37				Sandstone - silty, light grain, compact and massive		
	341.59	341.65	6				Claystone occassional silty with some $CaCo_3$		
						1145/349.00			
	341.65	343.37	172				Silty claystone, layers of siltstone & claystone interbedded, some FeS_2 50 cm from bottom. A few $CaCo_3$ veins sideritic concretions - occassional sandy bands		
							Top of Box 151		
	343.37	344.67	130				As above		
						1155/352.04			
		345.45	78				As above		
14°							Top of Box 152		
		347.57	212				As above		
							Top of Box 153		
		347.70	13				As above		
						1165/355.09			
		349.79	205				As above		
15°							Top of Box 154		
		349.98	23				As above with some coaly inclusions at bottom		
	349.98	350.80	82				Silty claystone as before		
						1175/358.14			
		351.10	30				As above		
17°									
	351.10	351.27	17				Sandstone fine grained, light to medium grey, compact regular bedded massive		
	351.27	351.64	37				Silty siltstone as before		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7801 SHEET No: 46

DATE BEGUN: DEPTH: BEARING: U.T.M.:

DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:

LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	351.64	351.84	20				Sandstone as above		
							Top of Box 155		
	351.84	352.37	53				Sandstone as above - regular parallel bedding		
	352.37	352.74	37				Silty claystone as before with some $CaCo_3$ at base		
						1185/361.19			
	352.74	353.04	30				As above		
							Top of Box 156		
	353.04	353.48	44				Siltstone, medium grey, uniform compact massive		
	353.48	355.14	166				Silty claystone - siltstone and claystone interbedded, irregular parallel bedding		
							A few sandy bands, occassional and $CaCo_3$ veins toward base		
26°									
	355.14	355.20	6				As above - sheared (breccia) $CaCo_3$, broken - faulted zone		
	355.20	356.30	110				Rock loss		
							Top of Box 157		
	356.30	356.34	4				As above		
	356.34	356.60	26				Sandstone highly broken , fine grain, $CaCo_3$ veins & inclusions		
	356.60	356.81	21				Silty claystone as before, layers of siltstone fine grained sandstone and claystone, occassional interbedded, normal bedding		
						1195/364.24			
	356.81	356.90	9				As above		
	356.90	357.17	27				Sandstone fine grained (silty) medium grey, uniform, massive		
	357.17	358.35	118				Silty claystone as before		
							Top of Box 158		
	358.35	359.90	155				As above		
	359.90	360.55	65			1205/367.28	As above		

DENISON MINES LIMITED
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DIAMOND DRILL CORE LOG

HOLE No: BD 7801 SHEET No: 47

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 159		
	360.55	360.77	22				As above, with few veins $CaCO_3$		
	360.77	360.90	13				Sandstone fine gr. regular bedded compact, massive		
15°									
	360.90	362.67	177				Silty claystone as before, more sandy toward base.		
							Top of Box 160		
	362.67	362.90	23				Siltstone, sandy with lam. of claystone		
	367.90	364.85	195			1215' /370.33	Silty claystone as before.		
							Top of Box 161		
	364.85	365.45	60				As above with sandy bands slickened sides and $CaCO_3$ at base.		
	365.45	365.95	50				Silty claystone as before		
	365.95	366.99	104			1225' /373.38	As above.		
							Top of Box 162		
	366.99	368.36	137				As above		
						1233' /375.82			
	368.36	369.16	80				As above		
							Top of Box 163		
	369.16	371.32	216				As above with few sandy bands at top regular bedding		
							Top of Box 164		
						1243' /378.87			
	371.32	372.30	98				Silty claystone dark grey, compact, uniformed massive, regular bedding		
	372.30	372.73	43				Silty claystone irregular silty laminate regular bedding		
	372.73	373.45	72				Siltstone medium grey uniformed compact.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7801 SHEET No: 48
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 165		
	373.45	373.56	11				Siltstone as above.		
	373.56	374.45	89				Silty claystone with occasional cross bedded sandy layers.		
						1253' /381.91			
	374.45	374.92	47				As above		
	374.92	375.63	71				Sandstone, med. grey fine grained silty laminate over top.		
15°							Parllel regular bedding		
							Top of Box 166		
	375.63	375.99	36				Sandstone as above.		
	375.99	376.11	12				Claystone carbonaceous at top, highly broken		
	376.11	376.68	57				Sandstone as sandstone before uniform regular parallel bedding, massive		
	376.68	376.92	24				Sandstone very silty with laminate of claystone		
	376.92	377.48	56				Sandstone med. grey fine grained, regular bedding, uniform compact & massive		
						1263.6' /385.15			
	377.48	377.79	31				As above		
							Top of Box 167		
	377.79	378.20	41				As above		
12°									
	378.20	379.13	92				Silty claystone with sandy bands some crossbedding visible		
	379.13	379.83	70				Breccia - sandstone silty claystone highly broken sheared numerous veins		
							$CaCO_3$ slickened sides - fault		
						1271' /387.40			
	379.83	379.89	6				Sandstone med. dark grey with slickened sides & some $CaCO_3$		
							Top of Box 168		
	379.89	381.35	146				Sandstone med. grey, med. grained uniformed compact massive with few		
							$CaCO_3$ veins at top, regular bedding.		
	381.35	183.35	8				Claystone dark grey, regular bedded laminated		
	381.43	381.48	5				Sandstone as before.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BC 7801 SHEET No: 49
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	381.48	381.52	4				Claystone as claystone above.		
	381.52	482.09	57				Sandstone as before uniformed regular bedded, massive, compact		
							Top of Box 169		
	382.09	382.27	18				As above		
						1280'/390.14			
	382.27	384.21	194				As above		
							Top of Box 170		
	384.21	384.57	86				As above		
	384.57	384.62	5				Siltstone dark olive grey, very compact and uniform, hard		
	384.62	385.24	68				sandstone as before		
						1290.6'/393.37			
	385.24	386.29	105				As above.		
							Top of Box 171		
	386.29	386.95	66				As above, Joined at the base, $CaCO_3$ crystals up to 1 cm.		
40°	Joint						Joint 40° BCA		
	386.95	388.34	139				Sandstone as above		
						1301'/396.54			
	388.34	388.42	8				As above		
							Top of Box 172		
	388.42	388.60	18				As above		
	388.60	388.72	12				Claystone dark grey, laminated		
	388.72	389.92	120				Sandstone as before		
17°	389.92	390.55	63				Sandstone, silty with laminates of claystone irregular, some slickened sides		
							Top of Box 173		
	390.55	391.03	48				Sandstone, fine gr. parallel regular bedding, a few $CaCO_3$ veins uniform, massive		
	391.03	391.27	24				Silty claystone, dark to black laminated with slickensides, broken $CaCO_3$		
	391.27	392.11	84				Rock Loss.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7801 SHEET No: 50

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
						1311.6'/399.78			
	392.11	392.36	25				As above		
	392.36	392.99	63				Sandstone med. grey, fine grained regular parallel bedding claystone laminates		
14°							at base.		
	392.99	393.10	11				Silty claystone laminated with thin sandy layers & $CaCO_3$ veins at base.		
10°	393.10	393.40	30				Sandstone as before		
							Top of Box 194		
	393.40	394.03	63				As above		
	394.03	394.26	23				Silty claystone dark grey, some sandy bands.		
	394.26	394.53	27				Sandstone very fine grained, l.- dark grey some cross bedding at top		
							and occasional laminated claystone interbedding		
	395.88	395.09	56				Silty claystone as before		
						1322'/402.95			
	395.09	395.16	7				As above		
	395.16	395.44	28				Sandstone very fine grained silty laminate normal bedding & some cross bedding		
	395.44	395.51	7				Silty claystone as before		
							Top of Box 175		
	395.51	396.07	56				Silty claystone as before with some sandy bands		
						1325'/403.86			
	396.07	397.68	161				As above		
							Top of Box 176		
	397.68	398.93	125				As above		
						1335'/406.91			
		399.81	88				As above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7801 SHEET No: 51

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 177		
	399.81	400.35	54				Sandstone very fine grained, silty laminate & thin layers of claystone		
	400.35	401.38	103				Siltstone with occasional sandy bands regualr bedding irregular claystone thin layers		
26°									
	401.38	401.46	8				Sandstone slickened sides, with $CaCO_3$ micro folds visible.		
	401.46	401.91	45				Silty claystone laminated sandy layers occasional reg. parallel bedding toward base. Some $CaCO_3$		
							Top of Box 178		
	401.91	401.96	5			1345' 7409.96	Sandstone fine grained uniformed, massive, some $CaCO_3$		
20° - 80°		403.22	126				Silty claystone, sandy bands slickened sides dip of beds change		
	403.22	403.36	16				rapidly from 20° at top to 80° at base $CaCO_3$ veins broken.		
	403.36	404.06	70				Siltstone as before dip of bedding change back to 24° at base sandy & claystone laminate parallel bedding.		
							Top of Box 179		
	404.06	405.32	126				As above		
14°									
						1355' 7413.00			
	405.32	406.22	90				As above sandy and some $CaCO_3$ veins at base		
							Top of Box 180		
	406.22	406.69	47				As above		
	406.69	407.91	122				Sandstone med. grey, fine-medium coarse uniform regular bedding massive.		
	407.91	408.35	44				Silty claystone as before.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7901 SHEET No: 52

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 181		
						1365' / 416.05			
	408.35	408.70	35				As above		
12°	408.70	410.00	130				Sandstone, silty, med. grey, fine grained laminated with $CaCO_3$ crystals		
	410.00	410.06	6				Claystone dark grey, laminated& uniformed		
	410.06	410.43	37				Sandstone, med. grey, fine grained uniformed bedding with few $CaCO_3$		
							Top of Box 182		
	410.43	410.51	8				Sandstone as sandstone above		
15°									
	410.51	411.42	91				Silty claystone med., dark grey irregular laminated & layers of claystone & sandy bands, massive		
						1375' / 419.10			
	411.42	412.56	114				As above, cross bedding visible at base, normal bedding		
							Top of Box 183		
	412.56	414.38	182				As above		
						1385' / 422.15			
	414.38	414.74	36				As above		
							Top of Box 184		
	414.74	416.89	215				As above		
							Top of Box 185		
	416.89	417.39	50				As above		
						1395' / 425.20			
	417.39	419.07	168				As above		
							Top of Box 186		
	419.07	420.39	132				As above		
10°						1405' / 428.24			
	420.39	421.27	88				As above.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7801 SHEET No: 53
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 187		
	421.27	422.57	130				As above		
	422.57	423.45	88				Siltstone med. grey, hard, compact, uniformed, massive with few $CaCO_3$ veins		
							Top of Box 188		
					1415'	/431.29			
	423.45	423.57	12				As above		
	423.57	424.99	142				Silty claystone as before		
	424.99	425.59	60				Sandstone med. grey, fine grained silty laminated at top, very uniformed, compact massive toward base. Some cross bedding at top and regular & parallel bedding at base.		
9°							Top of Box 189		
	425.59	426.48	89				Sandstone med. grey, fine-med. grained, parallel bedding regular bedded uniformed compact, massive.		
					1425'	/434.34			
	426.48	427.74	126				As above		
8°									
							Top of Box 190		
	427.74	428.26	52				As above		
	428.26	429.46	120				Sandstone with occasional silt laminate & layers of claystone, occasional cross bedded irregular		
					1435'	/437.39			
	429.46	429.96	50				As above		
							Top of Box 191		
	430.96	430.19	23				Sandstone fine grained light grey compact, uniformed, massive		
	430.19	432.14	195				Silty claystone med - dark grey, irregular, small sandy bands irregularly distributed, massive occasional laminate		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BC 7801 SHEET No. 54
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 192		
	432.14	432.54	40				As above		
						1445'/440.44			
	432.54	434.31	177				As above		
							Top of Box 193		
	434.31	435.49	118				As above		
						1455'/443.48			
	435.49	436.51	102				As above		
10°									
							Top of Box 194		
	436.51	437.56	105				As above		
	437.56	438.61	105				Claystone dark grey - shaley regular bedding, uniformed		
						1465'/446.53			
	438.61	438.71	10				As above		
							Top of Box 195		
	438.71	440.86	215				As above		
							Top of Box 196		
	440.86	441.61	75				As above		
						1475'/449.58			
	441.61	443.08	147				As above		
							Top of Box 197		
	443.08	444.68	160				As above - very shaley		
						1485'/452.63			
	444.68	445.18	50				As above		
	445.18	445.30	12				Siltstone - ..., medium grained with $CaCO_3$		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BC 7801 SHEET No: 55
DATE BEGUN: DEPTH: BEARING: U.T.M. :
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT. : HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 198		
7°	445.30	445.36	6				Siltstone dark olive grey, hard, compact, massive uniformed		
	445.36	447.36	200				Shaley claystone as before		
						1494.6' /455.55			
	447.36	447.45	9				As above		
							Top of Box 199		
	447.45	449.61	216				Dark-black shaley claystone uniformed, regular normal bedded		
							Top of Box 200		
	449.61	450.51	90				As above		
						1505' /458.72			
	450.51	451.84	133				As above		
							Top of Box 201		
	451.84	453.62	178				As above		
						1515' /461.77			
	453.62	453.98	36				As above		
							Top of Box 202		
	453.98	456.13	215				As above		
							Top of Box 203		
	456.13	456.70	57				As above		
						1525' /464.82			
	456.70	457.25	55				As above		
	457.25	457.47	22				Siltstone dark olive gray hard, uniformed, compact, & massive		
	457.47	458.33	86				Shaley claystone as before		
							Top of Box 204		
	458.33	459.77	144				As above		
						1535' /467.87			
	459.77	460.53	76				As above		
							Top of Box 205		
	460.53	462.68	215				As above		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7801 SHEET No: 56

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 206		
	462.68	462.78	10				As above		
						1545' 7470.92			
6°	462.78	464.55	177				As above		
	464.55	464.60	5				Bentonite		
	464.60	464.73	13				Claystone as before		
	464.73	464.83	10				Bentonite		
							Top of Box 207		
	464.83	464.93	10				Bentonite		
	464.93	465.33	40				Claystone, dark grey to black very uniformed, glauconite		
	465.33	465.41	8				Bentonite		
	465.41	465.61	20				Claystone as above - glauconitic		
	465.61	465.71	10				Bentonite		
	465.71	465.80	9				Claystone very glauconitic		
						1555' 7473.96			
	465.80	465.95	15				As above		
	465.95	465.98	3				Bentonite		
	465.98	466.43	45				Conglomerate (blue sky) matrix of dark to black claystone pebbles up to 1 cm. inclusion of glauconite.		
	466.43	466.73	30				Silty claystone dark grey with few pebbles at top		
	466.73	466.86	13				Claystone partly carbonaceous with some coaly inclusions; broken		
	466.86	468.30	144				Rock Loss		
	468.30	468.62	32				Coal Loss Top of Box 208		
	468.62	468.82	20						
	468.82	468.92	10				Coaly claystone highly broken		
	468.92	469.00	8				C2		
	469.00	469.19	19				Claystone highly carbonaceous & broken with coal inclusions	67	
	469.19	469.29	10				C2	99	68
	469.29	469.44	15				Coaly claystone - highly broken not possible dist. coal from claystone		
	469.44	469.55	11				Carbonaceous claystone with few slickened sides		
	469.55	469.70	15				Silty claystone with carbonaceous fragments, massive & uniformed		
	469.70	469.91	21				Sandstone fine grained with carbonaceous stringers & some coal inclusions		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7801 SHEET No: 57

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	469.91	470.12	21				Carbonaceous claystone with thin coal layers, silty toward base slickened sides at top.		
	470.12	470.23	11				Sandstone with $CaCO_3$ veins, laminated with carbonaceous incl.		
	470.23	470.33	10				Carbonaceous claystone		
	470.33	470.45	12				Siltstone carbonaceous at top (silty claystone) regular bed & massive toward base.		
					1565'	/477.01			
	470.45	470.53	8				Siltstone dark grey with specs of FeS_2 and sideritic concretion		
							Top of Box 209		
11°	470.53	470.72	19				Sandstone med. grey, fine - med. grained silty & carbonaceous at top		
	470.72	471.22	50				Silty claystone dark grey, sandy lamina e with carbonaceous incl.		
	471.22	472.64	142				Sandstone fine - med. grained silty laminate toward base & carbonaceous fragments.		
16°									
							Top of Box 210		
	472.64	472.91	27				Carbonaceous claystone with coal inclusions		
	472.91	473.24	33				Silty claystone, dark grey, unfformed, compact, carbonaceous fragments		
					1575'	/480.06			
	473.24	473.30	6				Sandstone fine grained, with carbonaceous laminae & inclusions		
	473.30	473.36	6				Claystone with carbonaceous and coaly fragments		
	473.36	473.94	58				Silty claystone dark uniformed, some carbonaceous specs		
	473.94	474.00	6				Carbonaceous claystone		
20°	474.00	474.06	6				C4		
	474.06	474.14	8				C2		
	474.14	474.34	20				COAL LOSS		
	474.34	474.74	40				Carbonaceous claystone with band of carbonaceous sandstone at top		
							Top of Box 211		
	474.74	474.90	16				Carbonaceous claystone		
	474.90	475.42	52				Silty claystone with carbonaceous laminae, parallel regular bedding		
27°									
	475.42	475.88	46				Carbonaceous claystone with thin coal layers (coaly)		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BC 7801 SHEET No: 58

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	475.88	475.91	3				C4		
	475.91	475.97	6				Carbonaceous claystone as above		
	475.97	476.13	16				Siltstone with carbonaceous lamina e and coaly inclusions		
	476.13	476.28	15				Sandstone light grey, med. grained with carbonaceous specs & stringers		
						1585' / 483.11			
	476.28	476.51	23				As above		
	476.51	476.82	31				Siltstone med. grey, carbonaceous lamina e, parallel regular bedding		
42°									
							Top of Box 212		
	476.82	477.92	110				As above with sandy band at top carbonaceous lamina e and coaly inclusions toward base.		
	477.92	477.97	5				Carbonaceous claystone with coal stringers		
	477.97	478.25	28				Siltstone with carbonaceous fragments, plant, tree-fossils grading into fine grained sandstone at base.		
	478.25	478.36	11				Fine grained sandstone, massive with silty bands		
18°									
	478.36	478.94	58				Siltstone as siltstone above		
							Top of Box 213		
	478.94	479.22	28				Sandstone med. grey, fine grained with silty lamina e; massive		
						1595' / 486.16			
	479.22	479.26	4				Carbonaceous claystone laminated		
	479.26	480.62	136				Sandstone as before		
	480.62	480.94	32				Siltstone med - dark grey with few lamina e of claystone		
							Top of Box 214		
	480.94	481.43	49				As above		
							E N D .		

Form 71-0150 R04

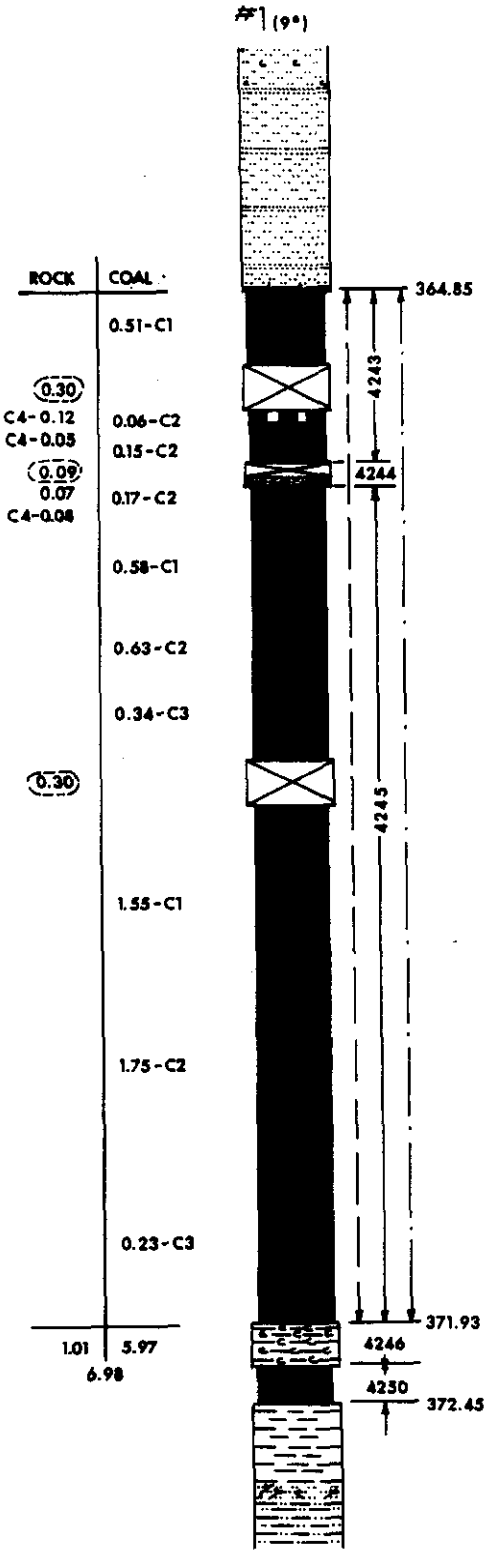
BELCOURT PROJECT

MINING SECTION SUMMARY

Hole No. BD 7802 **Bearing** _____ **Angle** 90° **Total Depth** 504.12 m

Coordinates 52754.28 N - 64305.74 E **Collar Elevation** 1727.94 m

Seam	Zone	Elevation (base)	Drilled Interval	True Thickness	Coal/Rock	Core Recovery%	Sample I.D.
1		1356.01	364.85 - 371.93	6.98	5.97/1.01	90.1	4243-4245
2		1329.91	331.98 - 335.03	3.03	3.01/0.02	90.4	3955
3		1401.49	320.87 - 326.45	5.56	5.10/0.46	85.4	3952-3954
3		1408.57	318.49 - 319.37	~~0.88~~	0.86/0.02	100	4242
	6	1481.22	245.47 - 246.72	1.24	1.22/0.02	86.9	3962
	6	1485.09	242.35 - 242.85	0.50	0.50/0.00	100	3961
	6	1495.59	231.65 - 232.35	0.70	0.63/0.07	64.3	3963
	6	1499.14	227.75 - 228.80	1.05	0.95/0.10	81.9	3964-3966
	7	1508.99	217.60 - 218.95	1.35	1.11/0.24	91.1	3967-3969
	8	1533.44	192.60 - 194.50	1.89	1.16/0.73	77.9	3970-3972
				23.18			
				22 3			



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

} BASED ON VISUAL ESTIMATES

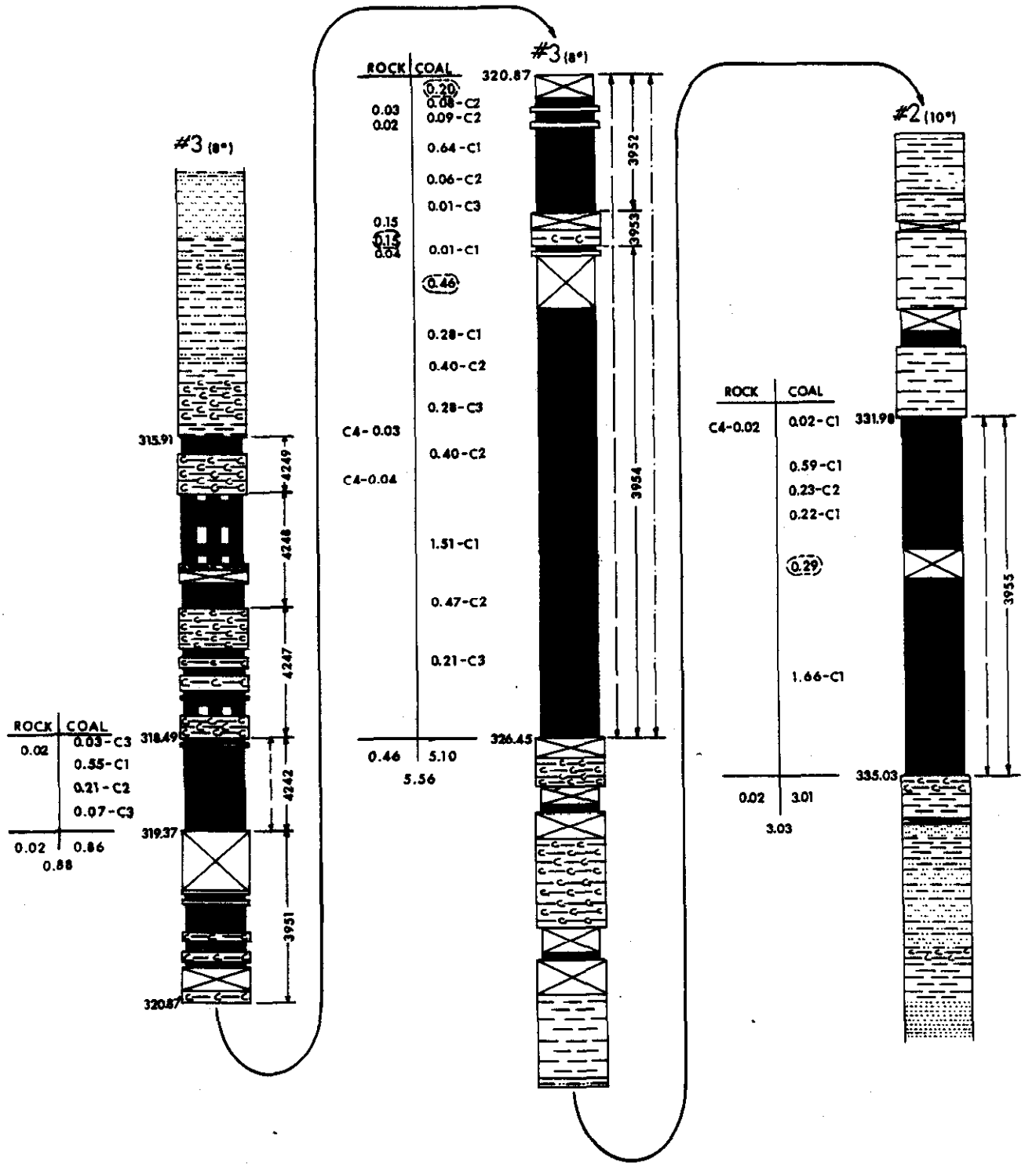
- C4 COAL >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE
- MINING SECTION
- SAMPLE INTERVAL & NUMBER
- COMPOSITE SAMPLE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

BELCOURT

SEAM DETAILS
BD 7802

DRAWN BY: J. H.	DATE: FEB. 1979	SCALE: 1 : 50	
PREPARED BY: I. D.	DATE: - -	DRAWING NUMBER	
APPROVED BY: G.P.G.	DATE: - -	DLCR 79-0827-R01	



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

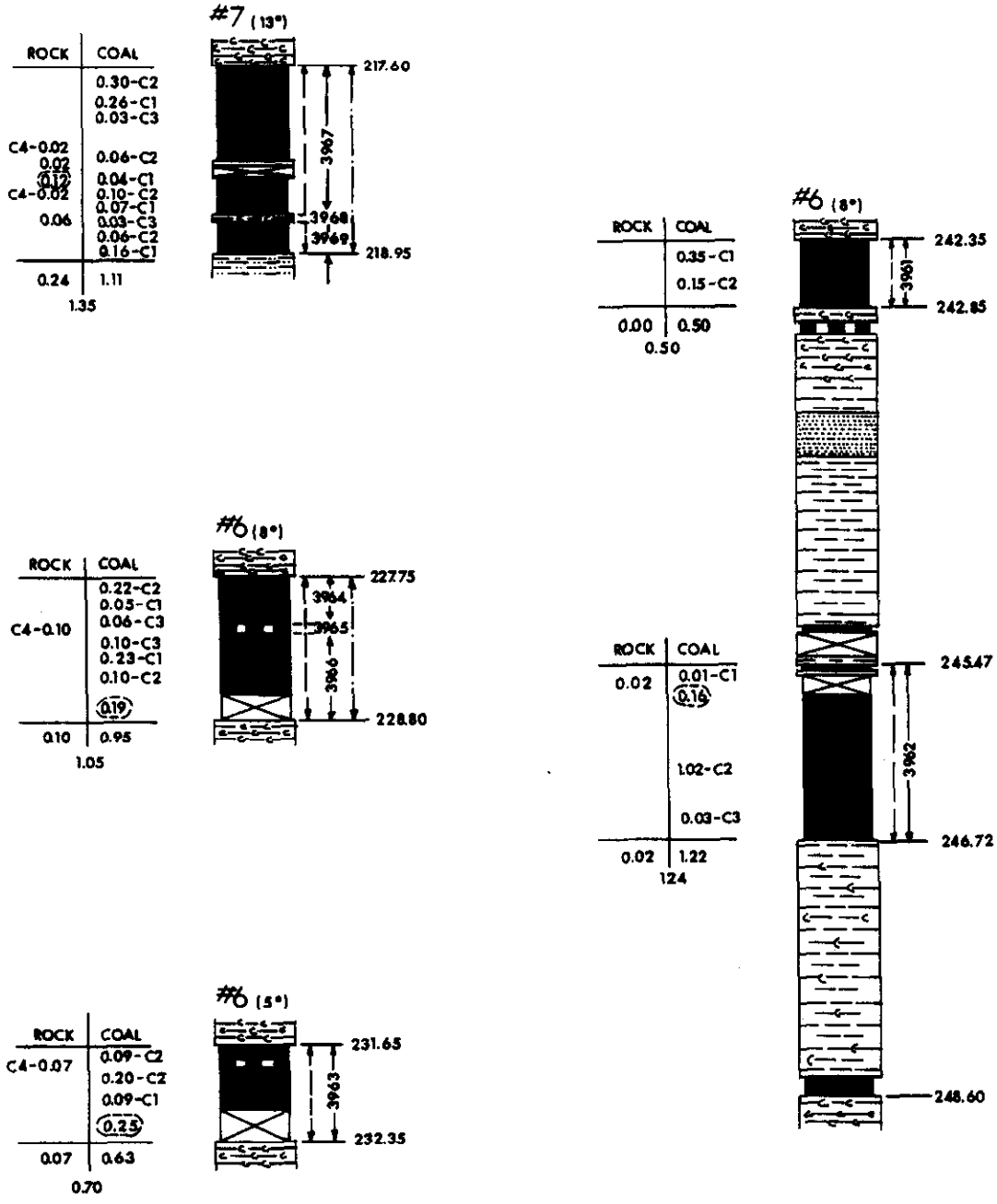
} BASED ON VISUAL ESTIMATES

- C4 COAL >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- MINING SECTION
- SAMPLE INTERVAL & NUMBER
- COMPOSITE SAMPLE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)

BELCOURT
SEAM DETAILS
BD 7802

DRAWN BY: J.H.	DATE: FEB. 1979	SCALE: 1 : 50
PREPARED BY: I.D.	DATE: - -	DRAWING NUMBER
APPROVED BY: G.P.G.	DATE: - -	LCR 79-0822-B01



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

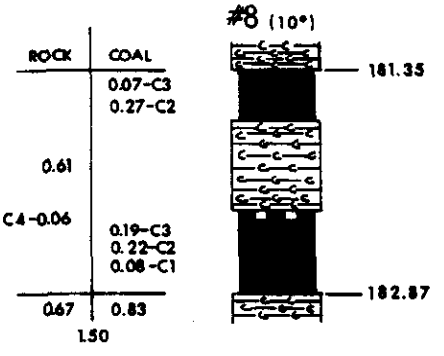
} BASED ON VISUAL ESTIMATES

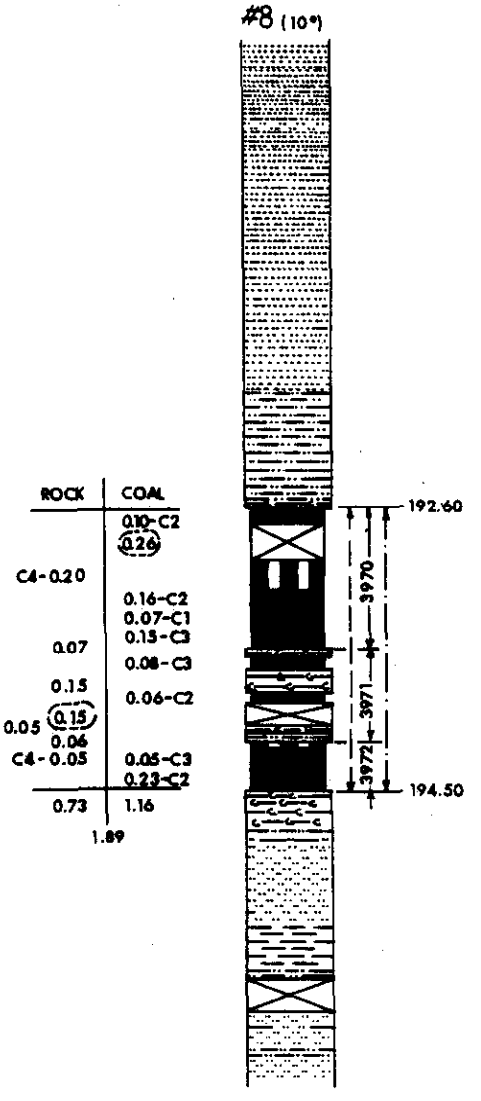
- C4 COAL >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- MINING SECTION
- SAMPLE INTERVAL & NUMBER
- COMPOSITE SAMPLE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

BELCOURT
SEAM DETAILS
BD 7802

DRAWN BY: J.H.	DATE: FEB. 1979	SCALE: 1 : 50
PREPARED BY: I.D.	DATE: - -	DRAWING NUMBER
APPROVED BY: G.P.G.	DATE: - -	BLCR 79-0827-R01





LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

} BASED ON VISUAL ESTIMATES

- C4 COAL >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- MINING SECTION
- SAMPLE INTERVAL & NUMBER
- COMPOSITE SAMPLE
- SILTSTONE
- SANDSTONE
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DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

BELCOURT

SEAM DETAILS

BD 7802

DRAWN BY: J.H.	DATE: FEB. 1979	SCALE: 1 : 50	
PREPARED BY: I.D.	DATE: - -	DRAWING NUMBER	
APPROVED BY: G.P.G.	DATE: - -	DLCR 79-0827-R01	

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD7802 SHEET No: 1
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: 1727.94M TOTAL DEPTH: 504.12 COAL LICENSE:
LAT.: HOLE ANGLE: 90° LOGGED BY: D.G.S. Johnson CORE SIZE: HQ

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 1		
							(Broken pebbly grey claystone)		
	0.00	5.13	5.13	5.06			Core loss - cassing		
9°	5.13	6.41	128	1.26			fine to medium grain sandstone, grey salt and pepper silty laminae, some interbedded, siltstone where core loss occurs		
						1/3.05			
		7.19	69	.68			As above		
							Top of Box 2		
						2/3.66			
		7.49	39	38			As above, core loss in this section due to rock being ground up in the core barrel		
						2/6.40			
7°		8.68	119	1.18			As above, interbedded with some light brown sandstone and more distinctly laminated, some carbonaceous laminae, core loss occurs in brownish zones which are weathered zones, cross bedded		
						3/9.45			
	8.68	8.80	12	.11			coarse grain to pebbly sandstone slightly weathered		
		9.97	117	1.16			medium grain sandstone as above		
							Top of Box 3		
		11.33	136	1.34			medium grain sandstone as above, some very coarse grain sandstone bands, core loss in weathered (fractured) zones		
						3/10.97			

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 2
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		12.19	86	.35			coarse grain sandstone as above, some pebbles and carbonaceous inclusions, weathering around some carbonaceous laminae		
							Top of Box 4		
15°		12.50	31	.29			medium grained sandstone as above		
						41/12.50			
		12.93	43	.41			medium grained sandstone as above, some calcite filled fractures with brown weathered zones		
		14.02	109	1.05			coarse to medium grain sandstone as above		
						46/14.02			
		14.31	29	.28			As above, core loss around brown weathered fracture zones		
							Top of Box 5		
		15.53	122	1.18			coarse grain sandstone as above, almost massive		
						51/15.55			
		16.03	50	.48			as above		
10°	16.03	16.56	53	.52			Siltstone and very fine sandstone, weathered brownish grey around carbonaceous laminae, silty areas are finely laminated with carbonaceous material		
							Top of Box 6		
		16.65	9				as above		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 3

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		16.82	0.17	.16			fine grain sandstone as previous		
	16.82	17.07	25cm	.24			fractured black claystone with some lenses of fine sandstone and rusty along fractures		
						56/17.07			
	17.07	17.63	0.56	55			interbedded lenticular, very fine sandstone and siltstone		
	17.63	18.63	100cm	.98			coarse grain sandstone as previous, fine grain at top and laminated, becoming coarser and massive towards bottom, some carbonaceous inclusions 30 cm from top, brown weathering and broken along fracture near bottom		
						61/18.59			
							Top of Box 7		
		20.16	153cm	1.5			fine to coarse grained sandstone as previous, laminated and cross bedded		
						66/20.12			
		20.44	28cm	.27			fine to medium grained sandstone as previous, cross bedded		
	20.44	20.79	35cm	.34			coarse grain - gritty sandstone as previous, grit pebbles up to 0.5 cm.		
							Top of Box 8		
		21.62	83cm	.82			grit as above, some medium grain sandstone bands, some pebbles up to 1 cm at bottom		
	21.62	21.71	9cm	.08			medium grain sandstone as previous		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 4
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
						71 /21.64			
		21.84	13	.128			as above		
	21.84	22.47	63	. 62			Conglomerate, gritty sandstone as above, some pebbles up to 1.5 cm.		
	22.47	22.68	21	.206			fine grained sandstone as above, calcite filled fracture, rusty		
	22.68	22.98	30	. 29			black carbonaceous claystone massive, coaly inclusions, top of unit is broken up. (core loss ?)		
							Top of Box 9		
17⁰		23.29	31	. 29			dark grey to grey claystone, grey siltstone with carbonaceous laminae and inclusions		
						76 /23.17			
	23.29	23.57	0.28	. 27			Interbedded sandstone and claystone		
	23.57	25.21	164	1.56			Grey and dark grey claystone and a couple of siltstone beds up to 12 cm bottom 20 cm completely broken up, next 38 cm coarsely broken (friable)		
							Top of Box 10		
		26.24	103	. 98			Grey claystone completely broken		
						86 /26.21			
		27.50	126	1.20			Grey claystone,1 black claystone band. Bottom 46 cm completely broken. Top generally competant except for central portion which is completely broken up.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 5
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 11		
		27.73	23	.22			Grey claystone completely broken up		
	27.73	28.01	28	.26			Grey siltstone competent, massive		
	28.01	28.77	76	.72			Grey claystone, broken up in central portion		
	28.77	28.94	17	.16			Siltstone, rusty fraction		
	28.94	29.39	45	.43			Grey claystone, coarsely broken up, massive		
						96/29.26			
		29.67	28	.27			Grey claystone coarsely broken, rusty fracture surfaces		
							Top of Box 12		
		29.90	23	.22			Claystone as above		
		30.24	34	.32			Grey siltstone to very fine sandstone with some lenses of claystone		
		30.65	41	.39			Completely broken, grey claystone		
						100/30.48			
		31.06	41	.39			Claystone as above, broken up		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 6
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	31.06	31.55	49	.47			Grey very fine sandstone, rusty calcite fracture, parallel to core access		
	31.55	31.69	14	.13			Grey claystone broken up, some lenses of very fine sandstone		
	31.69	31.76	7	.06			Grey siltstone and lenses of very fine sandstone		
	31.76	31.80	4	.038			Grey claystone		
							Top of Box 13		
23°		32.28	48	.44			Very fine interbeds of lenticular, very fine sandstone, siltstone, claystone, all grey		
	32.28	32.37	7	.08			very fine sandstone with lenses of claystone and siltstone. Some carbonaceous inclusions		
						105/32.00m			
		33.05	68	.62			As above		
	33.05	33.44	39	.35			Carbonaceous siltstone, grey		
						109/33.22			
	33.44	33.82	38	.35			Dark grey claystone completely broken up		
							Top of Box 14		
		34.14	32	.29			As above		
		36.07	193	1.77			Grey claystone broken up, some places are more competent and just fractured e.g. 25 cm zone 20 cm from bottom		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 7

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 15		
		36.16	9	.08			Grey and dark grey claystone, broken up		
						118 /35.97			
		36.50	34	.31			Light grey claystone, calcite fracture, slicken sides along fractures, massive		
	36.50	37.36	86	.79			Fine grained sandstone, argillaceous, light grey		
						123 /37.49			
		37.47	11	.10			As above		
	37.47	37.88	41	.37			Grey siltstone and claystone, the last 3 units all have the same light grey to grey matrix		
	37.88	38.19	31	.28			Dark grey claystone, coarsely broken		
							Top of Box 16		
		38.33	14	.13			Grey claystone broken completely		
						126 /38.41			
		38.78	45	.41			As above		
		39.07	29	.26			Grey argillaceous very fine sandstone		
		39.41	34	.31			Grey claystone completely broken		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 8

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		39.70	29	.26			Grey claystone massive, slightly broken		
						13/39.93			
		40.10	40	.36			Carbonaceous grey claystone, predominately broken up		
		40.46	36	.33			Grey claystone completely broken up Top of Box 17		
		40.82	36	.33			as above, slightly carbonaceous		
						136/41.45			
		41.47	65	.60			core missing		
		43.05	158	1.45			Claystone grey to black. Grey near top & bottom. Some coaly inclusions. Broken up near top and bottom		
							Top of Box 18		
		43.12	7	.06			As above		
						14/42.99			
		43.50	38	.35			As above		
	43.50	44.13	63	.57			Core missing		
	44.13	44.33	20	.18			Dark grey claystone predominately broken up		
		45.14	81	.74			Grey claystone predominately broken up except near bottom		
		45.39	25	.23			Grey claystone and siltstone, lenses		
						15/46.03			
27°	45.39	45.77	0.38	.34			Laminated very fine sandstone and siltstone with narrow dark grey bands of claystone, limonitic and calcite fracture filling parallel to core axis		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 9

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		45.83	6	.05			Carbonaceous silty black claystone		
							Top of Box 19		
		46.27	44	.39			Completely broken grey claystone		
		46.94	67	.59			Grey claystone, fractured but not completely broken		
						156 /47.5			
		47.73	79	.70			As above		
		47.99	26	.23			Competent grey claystone, massive		
		48.04	5	.04			Grey claystone broken		
							Top of Box 20		
		48.35	31	.27			Silty grey claystone broken 10 cm from top the rock is crushed to a clay powder. Clayey Sandstone at bottom, calcareous matrix.		
						161 /49.07			
		48.44	9	.08			dark grey, massive silty claystone, calcareous matrix		
		48.72	28	.25			grey siltstone, calcareous matrix		
		48.82	10	.09			dark to medium grey, fractured, silty claystone, calcareous matrix		
		49.88	106	.94			core missing		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 10

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
						166/80.60			
	49.88	51.05	117	1.04			grey siltstone and claystone, generally massive, calcareous matrix, small white calcite specks. Top 16 cm broken becomes silty towards bottom (sandy)		
						171/82.12			
15°	51.41	52.68	163	1.57			black - dark grey, claystone coaly		
	52.68	53.04	36	.35			grey, argillaceous siltstone, coarsly broken		
						176/53.65			
		53.69	65	.62			finely fractured and broken, siltstone, as above.		
							Top of Box 22		
		54.07	38	.37			grey siltstone, slightly carbonaceous and laminated.		
	54.07	54.28	21	.20			dark grey claystone completely broken up		
						180/54.86			
		54.68	40	.39			dark grey claystone as above, coaly in places		
						181/55.17			
		55.79	111	1.11			Black to dark grey claystone coaly laminae and inclusions, coarsely fractured, completely broken in places.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 11
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 23		
						186/56.69			
		56.78	99	.99			as above, some coaly bands up to 2 mm, black claystone, broken		
	56.78	56.98	20	.20			Coal Loss		
						190/57.91			
5°	56.98	57.59	61	.60			as above, competent twoards bottom with small sandy grains scattered throughout (bottom). Grains about 1 mm in diameter, 1 to 2 cm apart. Core is speckled.		
		58.10	51	.50			as above except the claystone is greyer and there is a higher concentration of grains, particularly near bottom. There it grades into the next unit. Some coaly inclusions up to 0.5 cm.		
	58.10	58.60	50	.50			Coal Loss		
							Top of Box 24		
	58.60	58.66	6	.06			Grit conglomerate, grey, colours range from grayish milky white, greenish to dark grey black grain sizes from 0.5 cm to a medium grain sandstone, predominantly coarse.		
						195/59.44			
		60.18	152	1.51			as above		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 12
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
						209/60.96			
		60.72	54	53			as above		
							Top of Box 25		
		61.57	85	84			as above, the last 32 cm have brown weathering around the grains (spotty)		
						205/62.49			
		62.87	130	129			as above (still rusty) contacts between sandy areas and gritty areas are more distinct and less gradational		
							Top of Box 26		
		64.18	131	130			as above		
						211/64.31			
8°		64.88	70	69			as above, top half coarse, bottom half medium to coarse grain sandstone with pebbly bands		
	64.88	64.53	65	64			Conglomerate, coarse zone of above unit grains up to 1 cm		
						216/65.84			

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 13
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	65.53	65.98	45	44			Gritty conglomerate with sandy bands as before, sandy band is white and peppery		
							Top of Box 27		
	65.98	66.86	88	87			Conglomerate as above, gritty to pebbly up to lenses, medium to coarse grain sandstone bands laminated. Peppery white sand. Sandstone band at top 8 cm, Matrix of conglomerate is sandier than previous		
	66.86	67.13	27	26			Sandstone peppery white with some grit grains		
						221/67.36			
		68.23	110	108			Sandstone as above, the sandy bands comprise 65% of the unit. There are gritty conglomerate bands (as previous) up to 15 cm thick The conglomeratic zone is becoming sandier		
							Top of Box 28		
		68.41	18	.17			as before, sandstone gritty band 3 cm		
						225/68.58			
		69.84	143	1.41			as above, grity pebble band 20 cm from top 18 cm thick, some other small grity bands, sandstone is laminated (crossbedded) gritty at base		
						230/70.10			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 14
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		69.96	12	12			Sandstone, dark grey, fine grained		
	69.96	70.39	43	42			Conglomerate, gritty, same 1 cm pebbles as previous		
							Top of Box 29		
		70.84	45	44			as above		
	70.84	71.06	22	21			Sandstone fine grained, few grity pebbles grey		
	71.06	71.24	18	18			Conglomerate sandy and grity		
						235 71.63			
	71.24	71.35	11	11			Coarse grain, sandstone, grey, laminated		
		72.34	99	98			Fine grain, sandstone, fine dark laminae(siltstone) irregular blebs, grey to dark grey (silty band of 1 cm towards bottom)		
	72.34	72.47	13	13			Siltstone, dark grey, carbonaceous, massive		
							Top of Box 30		
	72.47	72.77	.30	29			Sandstone, medium grain, laminated, grey to dark grey, very few gritty pebbles, minor carbonaceous blebs		
						240 73.15			

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7802 SHEET No: 15
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		74.30	153	151			as above, minor carbonaceous material at top		
						245 774.68			
		74.63	33	32			As above, no pebbles or carbonaceous blebs		
							Top of Box 31		
		75.87	124	122			As above		
						250 776.20			
		76.86	99	98			As above		
							Top of Box 32		
		77.54	68	.67			As above		
						255 777.72			
		78.97	143	141			as above, a few small pebbles in the middle		
							(contact Boulder Creek - Hulcross)		
	78.97	79.08					Claystone, black, fine grain, sandy lenses up to 2 cm, occassional silty interbeds, typical for Hulcross (Hulcross from 78.97 to 133.05. Boxes 32 to 57)		
		79.20	12	12			As above, some sandy lenses up to 3 cm.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 16
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 33		
		79.36	16	16			Sandstone, claystone interbedded 3 - 4 cm bands		
		79.95	59	58			Sandstone, fine grained to medium grain as previous, 3 cm black claystone band 15 cm from bottom		
		80.15	20	19			Claystone, black with lenses of silty sandstone in top half		
11°		80.35	20	19			Sandstone, fine grained, dark grey fine laminate		
		80.39	24	4			Claystone black carbonaceous		
					265'	80.77			
		80.92	53	52			Sandstone grey, fine grained massive		
		81.37	45	44			Claystone, black with lanses and bands of fine sandstone and siltstone, claystone comprises 35%		
							Top of Box 34		
		82.00	63	62			Claystone, siltstone, fine sandstone, lenses, black to dark grey bands and lenses vary from amm to 5 cm		
					270'	82.30			
		82.11	11	11			As above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 17
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	82.11	82.57	46	45			Sandstone fine grained, dark grey, silty in places, calcite fractures		
		82.64	7	.07			Claystone, black		
		82.75	11	11			Sandstone as above		
					273'	83.21			
		83.43	68	.66			Sandstone predominantly, up to 5 cm bands of siltstone		
							Top of ox 35		
		84.17	74	.72			As above, interbedded, fine sandstone, siltstone, claystone black grey to black, lenses throughout, bands from less than 1 cm to 15 cm, sandstone is usually well laminated and finely cross bedded, some carbonaceous material along contacts.		
					278'	84.73			
13°		85.11	94	.91			As above		
					281'	85.65			
		85.51	40	.39			As above		
							Top of Box 36		
		86.74	123	1.19			As above		
					286'	87.17			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 18

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		87.68	94	91			As above		
							Top of Box 37		
		88.80	12	12			As above		
					291'	88.70			
		89.44	164	1.60			As above		
					296'	90.22			
		89.94	50	.48			As above		
							Top of Box 38		
		90.84	90	.87			As above		
					301'	91.74			
10°		92.12	128	1.26			As above		
							Top of Box 39		
		92.46	34	.33			As above		
					306'	93.27			
		94.04	1.58	1.55			As above		
					311'	94.79			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7302 SHEET No: 19

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		94.39	35	.34			As above		
							Top of Box 40		
		95.65	126	1.24			As above		
						316' / 96.32			
		96.64	99	.97			As above		
							Top of Box 41		
		97.13	49	.48			As above		
						321' / 97.84			
		98.71	158	1.55			As above		
						326' / 99.36			
		98.85	14	14			As above		
							Top of Box 42		
		100.15	130	128			As above		
		101.01	86	.85			As above		
							Top of Box 43		
		101.73	72	.71			As above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BC 7802 SHEET No: 20

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
					326	102.41			
	101.73	102.10	37	37			As above		
		103.19	107	107			Predominantly siltstone, sandstone lenses at bottom		
					341	103.94			
		103.29	10	10			Interbedded sandstone, siltstone, claystone as before		
							Top of Box 44		
		104.78	149	146			As above		
					346	105.46			
		105.51	73	.72			As above		
							Top of Box 45		
		106.40	89	87			As above		
					351	106.93			
		107.76	136	134			As above		
							Top of Box 46		
		107.97	21	21			As above		
					356	108.51			
		109.44	147	145			As above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 21

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
					361	110.03			
		109.84	40	39			As above		
							Top of Box 47		
		111.06	122	120			As above		
					366	111.56			
		111.99	93	92			As above		
							Top of Box 48		
		112.31	32	32			As above		
					370	112.78			
		113.85	154	152			As above		
					375	114.30			
		114.15	30	29			As above		
							Top of Box 49		
		115.31	116	114			As above		
					380	115.82			
		116.20	89	87			As above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BC 7802 SHEET No: 22

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							Top of Box 50		
		116.88	68	67			As above		
					286'	/117.65			
		118.21	133	131			As above		
							Top of Box 51		
		118.32	11	11			As above		
					391'	/119.13			
		119.86	154	152			As above		
					396'	/120.70			
		120.34	48	47			As above		
							Top of Box 52		
		121.40	106	105			As above		
					401'	/124.97			
		122.51	111	110			As above		
							Top of Box 53		
		122.95	44	43			As above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 23

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
					406'	/123.75			
		124.36	141	140			As above		
					411'	/125.27			
		124.52	16	16			As above		
							Top of Box 54		
		125.85	133	131			As above		
					416'	/126.80			
		126.53	68	67			As above		
							Top of Box 55		
		127.29	76	75			As above		
					421'	/128.32			
		128.51	122	120			As above - Calcite inclusions near middle.		
							Top of Box 56		
		128.71	20	20			As above		
					426'	/129.84			
8°		130.26	155	1.53			As above		
					431'	/131.37			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 24
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	130.26	131.57	131	129			As above		
							Top of Box 57		
	131.57	132.14	57	56			As above		
					436'	132.89			
	132.14	133.05	91	.89			As above - med. grained sandstone bands at bottom		
	133.05	133.52	47	.46			Cong. sandy calcareous matrix, Pebbles, black siliceous up to 2 cm in diameter. minor calcite filled fractures.		
	133.52	133.58	6	.06			Sandstone, grey, peppery, med. grained, slightly laminated and calcareous		
							Top of Box 58		
		134.16	58	.57			As above - some darker laminae near top.		
					440'	134.42			
		134.96	80	78			As above - black claystone, lenses near top 4 cm. some coaly inclusions		
10°	134.96	135.53	57	56			Claystone black, coal and pyrite lenses, silty in places		
							Top of Box 59		
		135.57	4	.04			As above - very silty		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7902 SHEET No: 25
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	135.57	135.69	12	.12			Siltstone dark grey, banded with sandstone and claystone calcareous coal and pyrite lenses, carbonaceous stringers. The contract between siltstone claystone is not distinct as it was in the previous hulcross units. Claystone is not calcareous		
					445'	135.94			
13°		137.23	154	150			As above - fewer pyrite and coal lenses and blebs towards bottom.		
					457'	137.46			
		137.65	42	41			As above		
							Top of Box 60		
		138.80	115	112			As above - more sandy areas particularly towards bottom, no more pyrite or coal.		
					456'	138.99			
		139.96	116	113			As above		
							Top of Box 61		
		140.33	37	36			As above - coal stringers. Predominantly claystone at bottom.		
					461'	140.51			

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 26

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		141.87	154	150			As above - a few coal stringers and calcite filled fractures		
					466'	/142.04			
		142.15	28	27			As above - coal laminae, pyritic		
							Top of Box 62		
		143.40	125	122			As above - a couple of predominantly clyastone zones up to 14 cm. bottom 24 cm. predominantly sandstone, siltstone		
					471'	/143.56			
		144.32	92	89			As above - monstly sandstone, siltstone, small stringers claystone		
							Top of Box 63		
		144.67	35	34			As above		
	144.67	144.94	27	26			Claystone, black - not clacareous, carbonaceous stringers		
					476'	/145.08			
		145.24	30	29			Claystone as above		
	145.24	146.47	123	120			Siltstone, sandstone, claystone as before Highly calcareous		
					481'	/146.61			
							Top of Box 64		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 27
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	146.47	147.35	88	86			Claystone - silty, minor sandstone		
12°		147.99	64	63			Sandstone, grey med. grained, dark, peppery. Calcareous. Silty & carbonaceous laminae. A gradational change from above. laminated and cross bedded.		
					486'	148.13			
		148.66	67	66			Sandstone as above, not silty. A few carbonaceous laminae		
							Top of Box 65		
		149.44	78	76			Sandstone as above. Becoming coarser to bottom. One silty black band in middle. No carbonaceous laminae.		
					491'	149.66			
		149.99	55	54			Sandstone as above. Only slightly calcareous.		
	149.99	150.79	80	.78			Siltstone, black massive. Crumbly in places, some coarser sandy grains. Matrix is clayey.		
							Top of Box 66		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 28
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		150.99	20	19			As above		
					496'	/151.18			
		151.31	32	31			As above		
14°	151.31	152.49	118	114			Claystone dark grey, silty laminae up to 2 cm, coaly inclusions on top and in bottom 20 cm less than 0.5 cm thick. Bottom is sheared Pyrite inclusions in centre. Centre is silty.		
					501'	/152.70			
	152.49	153.03	54	52			Siltstone dark grey, med. grained, interbedded with claystone & sandstone (Calcite) claystone band 2 cm. Sandstone bed up to 10 cm.		
	153.03	153.70	67	65			Coal loss		
							Top of Box 67		
	153.70	154.70	100	97			As above, with bright coal bands up to 2 cm.		
					506'	/154.23			
		155.12	42	40			As above		
	155.12	155.93	81	78			Sandstone fine grained - very fine grained, med. grained minor coal lenses, minor claystone laminae and silty in places		
							Top of Box 68		
		156.13	20	19			As above		
					511'	/155.75			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 29
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		157.63	155	1.45			As above, silty claystone up to 5 cm, some medium grain sandstone bands up to 10 cm, occassional coaly laminae, cross bedded		
						516/157.23			
12°		158.12	44	43			As above, sandstone very fine to fine grained, medium grain siltstone and claystone laminae, minor coal lenses and laminations. Calcareous		
							Top of Box 69		
		158.42	30	29			As above		
	158.42	158.56	14	13			Siltstone dark grey claystone less than 2 cm. Coal lenses less than 3 mm.		
						521/158.80			
		160.09	153	149			As above, friable towards base		
							Top of Box 70		
		161.30	121	118			As above, fractured, dark grey, grading to very fine sandstone at base (calcite)		
						539/161.54			
	161.30	161.92	0.62	0.61	59		Sandstone, fine to medium grain, silty in places, carbonaceous particles Calcite along fracture		
	161.92	161.99	7		.06		Siltstone and fine sandstone, dark grey, finely interbedded		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 30
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 71		
6°		162.23	24	23			As above		
		162.83	60	59			Siltstone, dark grey, friable, some conglomerate, slightly rusty usually in light medium grain band		
						535/163.07			
	162.83	164.27	144	143			As above, with claystone bedding up to 12 cm and coal lenses and stringers up to 0.5 cm thick, some minor shearing.		
							Top of Box 72		
		164.36	9	9			As above		
						540/164.59			
	164.36	165.92	156	155			Sandstone, very fine siltstone and claystone bands up to 3 cm, medium grain sandstone bands 14 cm. Generally dark grey carbonaceous, occassional coal lenses up to 4 mm. Plant fossils.		
						545/166.12			
		165.97	5	5			As above		
	165.97	166.29	32	31			Claystone, carbonaceous, occassional coal bands and lenses less than 3mm Massive.		
							Top of Box 73		
		166.40	11	11			As above, with pyrite lense 1 cm thick, silty at base		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 31

DATE BEGUN: DEPTH: BEARING: U.T.M.:

DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:

LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
6	166.40	167.41	101	100			Sandstone, very fine grain, silty in places, medium to dark grey, carbonaceous, plant fossils, calcite along minor fractures		
						550/167.64			
		168.20	79	78			As above		
							Top of Box 74		
		168.50	30	30			As above		
	168.50	168.87	0.37	0.37			Claystone black, carbonaceous, many small coal lenses. Coal laminae up to 1 cm. Silty towards base, pyrite lense 3mm thick		
						555/169.16			
	168.87	170.26	1.39	1.38			Sandstone (as before marker 550) Silty claystone band (15 cm) in center. Coaly band		
							Top of Box 75		
	170.26	170.41	15	15			Siltstone, dark grey, some claystone and concretions (light brown)		
						560/170.69			
		170.64	22	22			As above , minor coal lenses and laminae. Particularly towards base		
9°	170.64	171.41	77	76			Claystone black, dark grey, silty in places. Coal band 3 cm thick. Coal lenses less than 2 mm. carbonaceous throughout		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7302 SHEET No: 32
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	171.41	171.97	56	55			Sandstone, very fine to fine grain, medium grey carbonaceous particles, silty interbeds less than 1 cm. plant fossils		
						565 /172.21			
		172.33	36	36			As above, medium grain at top		
							Top of Box 76		
		172.53	20	20			As above		
		174.52	199	198			As above, light brown silty bands to 5 cm., appears like concretions (iron rich) Fractures in places, dolomite filling, some shearing along carbonaceous laminae, sandstone 50% med. grained, not calcareous, medium grained sandstone is almost massive with little carbonaceous material (brownish)		
							Top of Box 77		
		174.67	15	15			As above		
19°	174.67	175.09	.42	39			Siltstone dark grey brown concretions near top (pyritic), becomes clayey at bottom. Narrow (0.5 cm) interbeds of very fine grained sandstone		
						575 /175.26			
		175.13	4	.03			As above (clayey, dark grey to black)		
	175.13	175.45	37	35			Claystone black. Coal lenses up to 0.5 cm. Carbonaceous. Some shearing along carbonaceous laminae.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 33

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
12°	175.50	176.59	109	106			Siltstone dark grey. Some brown rusty bands up to 2 cm. Massive (Grades from previous claystone) clayey matrix, claystone bands up to 1 cm.		
					5501	/176.78			
		176.71	12	117			As above		
							Top of Box 78		
		178.10	139	136			As above - slightly coarser with minor uniformed sandstone bands Laminae more visible.		
					5851	/178.31			
		178.81	71	69			As above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BC 7802 SHEET No: 34

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 79		
12°	178.81	179.38	57	55			Siltstone, medium to dark grey, parallel bed., massive		
					589'				
					179.53				
	179.38	180.58	120	117			Siltstone, as above		
	180.58	180.68	10	.09			Carbonaceous claystone, silty interbed.		
	180.68	180.76	8	.07			Claystone sandy, very fine grained, carbonaceous, calcareous with coaly inclusions, coal stringer towards base.		
					594'				
					181.05				
	180.76	180.80	004	0.04			C3		
	180.80	180.84	4	.04			Carbonaceous and coaly claystone		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7802 SHEET No: 35
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
12°							Top of Box 80		
	180.84	181.24	40	39			Silty claystone carbonaceous at top with few coaly layers		
	181.24	181.35	11	11			Carbonaceous claystone, black		
	181.35	181.42	7	7	4251		C3		
	181.42	181.70	28	27			C2		
	181.70	181.84	14	14			Carbonaceous claystone as before		
					4252	598' /182.27			
	181.84	182.32	48	47			As above		
	182.32	182.38	6	6			C4		
	182.38	182.44	6	6			C3		
		182.66	22	22	4253		C2		
		182.74	8	8			C1		
						601' /183.18			
	182.74	182.87	13	13			C3		
	182.87	182.90	3	3			Carbonaceousclaystone with occasional coaly inclusions		
	182.90	183.02	12	12			Claystone loss		
							Top of Box 81		
	183.02	183.44	42	41			Carbonaceous claystone, thin coal beds interbedded		
	183.44	183.74	30	29			Coaly claystone (many thin beds and layers of coal		
						605' /184.40			
	183.74	184.31	57	56			Claystone dark carbonaceous fragments.		
	184.31	184.55	24	24			Claystone, as above, but highly broken and pulverized.		
	184.55	184.85	30	29			Coaly claystone		
10°	184.84	185.31	46	45			Siltstone dark grey, massive, parallel bedding		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 36

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 82		
		185.39	8	.07			As above, siltstone, carbonaceous laminae at bottom. Claystone bands less than 0.5 cm along sheared fracture		
						610'/185.93			
		185.62	23	22			As above		
	185.62	186.55	0.93	0.90			Sandstone, fine to medium grain, grades from siltstone above, laminae and cross bedded particularly near bottom, carbonaceous , minor shearing along carbonaceous laminae.		
16°	186.55	186.78	23	22			Claystone, black, carbonaceous, coal bands up to 2 mm, silty and sandy at top, some siltstone throughout		
		186.84	6	05			Sandstone, fine to medium grained, grey, cross-bedded, calcareous		
						615'/187.45			
		187.09	25	24			as above		
6°		187.35	26	26			Siltstone, dark grey, some claystone bands (1 cm) and very fine grained sandstone, (1.5 cm), carbonaceous, calcareous in coarser areas		
		187.40	5	05			sandstone, fine grained, grey with dark grey silty laminae, calcareous		
							Top of Box 83		
		188.04	64	63			as above, few interbeds with siltstone and claystone beds, 2 to 3 mm, silty claystone bands 10 cm in bottom half and 10 cm medium grained sandstone at bottom (calcareous)		
		188.42	38	38			Claystone, dark grey to black , silty throughout, some coal lenses up to 2 cm thick		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 37

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
						620'/188.98			
		188.55	13				sandstone, fine grained, brownish grey, calcareous		
		188.74	19				siltstone, dark grey, few interbedded with claystone (2 to 3 cm), coal laminae less than 1 mm, carbonaceous		
		189.60	86				sandstone, fine to medium grey, dark grey to brownish grey, calcareous, laminae at the top becoming coarser and cross-bedded towards base, calcareous and carbonaceous		
							Top of Box 84		
		190.07	47				as above, silty towards base, minor clacite fracture filling, coal lenses at base		
						625.5'/190.65			
		191.74	167				as above, sandstone		
						631'/192.33			
		191.83	9				as above		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7802 SHEET No: 38
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
10°							Top of Box 85		
	191.83	92.55	72	71			silty claystone, dark grey, parallel bedding massive		
	192.55	92.60	5	5			carbonaceous claystone		
	192.60	92.70	10	10			C-2, (durain) broken core		
	192.70	92.97	27	26			coal loss		
	192.97	93.17	20	20	3970		C-4, good solid core		
						636'/193.85			
	193.17	93.33	16	16			C-2		
	193.33	93.40	7	7			C-1		
	193.40	93.55	15	15			C-3		
	193.55	93.62	7	7			Carbonaceous claystone		
	193.62	93.70	8	8			C-3		
	193.70	93.85	15	15	3971		Carbonaceous claystone		
	193.85	93.91	6	6			C-2		
	193.91	94.06	15	15			claystone loss		
	194.06	94.11	5	15			coaly claystone		
	194.11	94.17	6	6			siltstone, dark grey, massive		
	194.17	194.22	5	5			C-4		
	194.22	94.27	5	5	3972		C-3		
	194.27	94.32	5	5			C-2		
							Top of Box 86		
	194.32	94.50	18	18			C-2, broken		
	194.50	94.90	40	39			carbonaceous claystone, silty towards base		
	194.90	95.36	46	45			siltstone, grey compact and massive		
						641'/195.38			
	195.36	95.77	41	40			claystone, partly carbon with some thin coal layers towards top silty towards base		
	195.77	95.99	22				claystone loss		
	195.99	96.66	67	66			siltstone, medium grey, massive, carbonaceous fragments		
						646'/198.90			

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 39
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 87		
		198.34	168				siltstone, dark grey, claystone and very fine grained sandstone, inter-banded up to 6 cm, slightly carbonaceous, a few coal lenses up to 3 mm thick, not calcareous		
						651'/198.42			
13°		199.04	70				as above		
							Top of Box 88		
		199.23	19				as above		
	199.26	199.86	063	061			sandstone, very fine grained, dark grey, calcite along fractures, becoming silty towards base		
						656'/199.95			
	199.86	201.06	120				siltstone, dark grey, very fine grained sandstone, claystone bands up to 5 cm, coal lenses up to 1 cm thick, carbonaceous		
							Top of Box 89		
		201.26	20				as above, friable at base		
						661'/201.47			
	201.26	201.72	46				as above, friable throughout, becomes sandy at base		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7802 SHEET No: 40
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		202.82	110	108			sandstone, medium grained, grey to dark grey, more distinctly cross-bedded and laminae towards base, and calcareous towards base		
						666'/203.00			
		203.19	37				siltstone, dark grey, carbonaceous, some interbanded very fine grained sandstone, which is calcareous		
							Top of Box 90		
		203.48	29				claystone, black, carbonaceous coal lenses and laminae 2 to 3 mm, becoming very coally towards base with coal band 5 cm (broken)		
		203.74	26				siltstone, clayey, dark grey to black, coal lenses and stringers, 2 to 3 cm, carbonaceous		
		204.30	56				sandstone, fine to medium grained at base, medium to dark grey, carbonaceous coaly stringers and lenses abundant throughout, becomes calcareous towards base		
		204.34	4				siltstone, claystone, dark grey, carbonaceous, coaly		
						671'/204.52			
		204.52	18				as above, coal lense 3 mm thick		
		205.38	86				sandstone, very fine grained, dark grey, gradationally becomes coarser towards base (still very fine grained), brownish core to more distinctly laminated towards base, calcareous		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7802 SHEET No: 41
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 91		
		205.87	49				as above, laminated, cross-bedded		
						676'/206.04			
		207.35	148				as above, calcite on minor fracture, claystone bands up to 1 cm		
						681'/207.57			
		207.53	18				as above		
							Top of Box 92		
		207.60	7				as above		
		208.92	132				sandstone, medium grained, grey, cross-bedded, massive in places, calcite along fratures, minor carbonaceous laminae		
						686'/209.09			
		209.72	80				as above, some narrow coal lenses at base		
							Top of Box 93		
		210.25	53				as above, grades to coarse grained sandstone at base, minor coal lenses		
		210.49	24				as above, sandstone, fine grained, grey to dark grey, coal stringers and laminae up to 3mm, carbonaceous, calcareous		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 42
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
						691'/210.62			
		211.79	130				as above, coal stringers predominantly near top, calcite along minor fracture, becomes medium grained towards base, coal lense 1 cm thick towards base		
							Top of Box 94		
		212.00	21				as above		
						696'/212.14			
		213.01	101				as above, fine to medium grained, sandstone, brownish towards base, carbonaceous lenses and stringers throughout		
						700'/213.36			
11°		213.78	77				as above finely laminated		
							Top of Box 95		
		214.51	73				as above, sandstone, medium to coarse grained, coal lense up to 1 cm many minor coal lenses and stringers		
						705'/214.88			
		215.74	123				as above, coal lenses and stringers at top, central 53 cm is a brownish grey, medium grained sandstone		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 43
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 96		
	215.74	215.98	24	23			sandstone, coarse grained, light grey, massive, uniform		
						710'/216.41			
	215.98	217.50	152	149			claystone, silty, cross-bedded, occasional carbonaceous fragments		
11°						715'/217.93			
	217.50	217.60	10	10			carbonaceous claystone, coaly towards base, thin interbeds of coal		
	217.60	217.73	13	13			C-2		
							Top of Box 97		
	217.73	217.94	21	21			C-1		
	217.94	217.97	3	3			C-3		
	217.97	218.07	10	10			C-2		
	218.07	218.12	5	5			C-1		
	218.12	218.19	7	7			C-2		
	218.19	218.21	2	2	3967		C-4		
	218.21	218.27	6	6			C-2		
	218.27	218.29	2	2			coaly claystone		
	218.29	218.41	12	12			claystone loss		
	218.41	218.45	4	4			C-1		
	218.45	218.47	2	2			C-4		
	218.47	218.57	10	10			C-2		
	218.57	218.64	7	7			C-1		
13°	218.64	218.67	3	3			C-3		
	218.67	218.73	6	6	3968		carbonaceous claystone, black		
	218.73	218.79	6	6			C-2		
	218.79	218.95	16	16	3969		C-1, 95% vitrain		
						720'/219.46			
	218.95	219.08	13	13			silty claystone, partly carbonaceous		
	219.08	219.47	39	38			siltstone, dark grey, some carbonaceous inclusions, massive		
	219.47	219.91	44	43			claystone, occasional silty parallel bedding, partly carbonaceous and fragments of plant fossils		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 44

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 98		
	219.91	220.50	59				Sandstone very fine grained, interbedded with siltstone (< 1cm) grades to siltstone, carbonaceous		
					725	220.9%			
	220.50	220.72	22				Claystone, black coaly stringers up to 1.5 cm. Silty in places.		
	220.72	220.91	19				Siltstone, dark brownish grey, carbonaceous, not calcareous coaly stringers up to 3mm.		
10°	220.91	221.06	15				Claystone, black coal laminae 3mm.		
	221.06	222.03	97				Sandstone very fine grained, some silty bands near top & fine grained bands towards base. dark grey, carbonaceous calcareous		
					730	222.50			
		222.10	7				As above		
							Top of Box 99		
		223.59	149				As above, sandstone, very fine to fine grained, some claystone bands < 1 cm.		
					735	224.03			
		223.92	33				As above, occasionally medium grained.		
	223.92	224.23	31				Claystone, black siltstone at top, silty throughout, carbonaceous, calcareous coal up to 1 mm.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 45
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 100		
	224.23	224.85	62				Siltstone, dark grey - black, clayey, calcareous carbonaceous concretions near top, brownish		
	224.85	225.21	36				Claystone, black - dark grey, silty throughout, carbonaceous		
					740' 225.55				
	225.21	225.52	31				As above, less siltstone, coal lenses up to 3 mm. brownish silty concretions		
	225.52	226.08	56				As above, black - dark grey, clay on top, carbonaceous, coal lense up to 1 mm.		
	226.08	226.53	45				Claystone, black, coal lense up to .5 cm, carbonaceous, silty towards base.		

DENISON MINES LIMITED (COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 46

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 101		
	226.53	226.55	2	2			Carbonaceous claystone		
	226.55	226.57	2	2			C1		
	226.57	226.61	4	4			Coaly claystone		
	226.61	226.63	2	2			C1		
	226.63	226.69	6	6			Carbonaceous claystone, dark to black		
					746 / 227.38				
	226.69	227.64	95	94			Carbonaceous claystone as above.		
	227.64	227.75	11	11			Coaly claystone		
	227.75	227.97	22	22	3964		C2		
	227.97	228.02	5	5			C1		
	228.02	228.08	6	6			C3		
	228.08	228.18	10	10	3965		C4		
	228.18	228.23	5	5			C3	86	82
					75 / 228.90			105	
	228.23	228.28	5	5			C3		
	228.28	228.51	23	23	3966		C1		
	228.51	228.61	10	10			C2 Broken		
	228.61	228.80	19	19			Coal Loss		
	228.80	228.89	9	9			Claystone, partly carbonaceous		
8°									

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7302 SHEET No: 47
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 102		
	228.39	229.10	21				Siltstone dark grey, carbonaceous, slightly friable.		
	229.10	229.41	31				Sandstone very fine - fine, massive, dark grey - med. grey, carbonaceous particles. Minor coaly fragments.		
		229.38	42				Sandstone, fine grained, massive to slightly laminated, minor carbonaceous stringers.		
					756	230.43			
		229.99	16				As above		
		230.70	80				Sandstone fine to medium grained, grey, dark brownish, , many carbonaceous & coaly stringers & laminae, calcareous		
	230.79	231.20	41				Claystone, dark grey - black, slightly friable, carbonaceous coaly stringers up to 1 mm.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 48
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 103		
	231.20	231.42	22	22		761' 231.95	Claystone silty towards base, grey		
	231.42	231.65	23	23			Carbonaceous claystone, black		
	231.65	231.74	9	9			C2 10-15% Ash		
	231.74	231.81	7	7			C4 Stoney, vitrain stringers		
	231.81	231.88	7	7			C2		
	231.88	231.97	9	9	963		C1	45	64
	231.97	232.10	13	13			C2 Highly broken	70	
	232.10	232.35	25	25			Coal Loss		
						765' 233.17			
5°	232.35	232.97	62	62			Carbonaceous claystone with thin layers of coal, black		
	232.97	233.01	4	4			C3		
	233.01	233.14	13	13			Carbonaceous claystone and few with thin coal beds		
	233.14	233.18	4	4			C1		
	233.18	233.24	6	6			Carbonaceous claystone as above		
						768' 234.09			
		233.38	14	14			Claystone, dark grey, silty towards base		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 49
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 104		
	233.33	233.71	33	.33			Siltstone, dark grey, very friable.		
8°	233.71	234.26	55				Claystone, black coal bands up to 1 cm. carbonaceous, numerous coal lenses.		
					7711	235.00			
		234.71	45				As above		
	234.71	235.50	79				Siltstone, dark brownish grey, calcareous carbonaceous laminae occasionally claystone interbeds (1 mm),		
							Top of Box 105		
		235.76	26				As above		
					7761	236.52			
		237.18	142				As above, predominantly dark grey		
	237.18	237.45	27				Sandstone, fine grained, dark grey - dark brownish grey, carbonaceous laminae & stringers < 1 mm. calcite along some minor fractures, calcareous		
					7811	238.05			
		237.92	47				As above, cross bedding.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7302 SHEET No: 50
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 106		
		239.05	113				As above, becoming medium grained in places.		
						796' 7239.57			
		240.08	103				As above, more carbonaceous laminae < 1 mm., coal lense up to 0.5 cm, very fine grained towards bottom.		
							Top of Box 107		
		240.59	51				As above, very fine grained sandstone, coal laminae & lenses		
						797' 7241.10			
		240.74	15		1		As above		
10°	240.74	242.12	138				Siltstone, very dark grey to black, clayey, carbonaceous, calcareous coal lenses up to 2 mm, thick. Broken coaly zone in the centre 5 - 7 cm. Some claystone interbeds up to 5 cm.		
						798' 7242.62			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7302 SHEET No: 51

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 108		
8°	242.12	242.35	16	16			Carbonaceous claystone, dark with slicks, coal laminae with inclusions		
	242.35	242.53	18	18			C1 100% Vitrain		
	242.53	242.68	15	15	3961		C2	68	
	242.68	242.85	17	17			C1 100% Vitrain, good core	68	100
	242.85	242.94	9	9			Carbonaceous, claystone, coaly at top		
	242.94	243.03	9	9			C4 Stoney with bright stringers'		
					799'	243.54			
	243.03	243.60	57	57			Claystone, very carbonaceous at top grading into siltstone at base, with carbonaceous fragments.		
	243.60	243.92	32	32			Sandstone very fine grained, light grey, silty cross bedding, irregular bedding, massive and carbonaceous at base.		
	243.92	244.25	33	33			Claystone, occasional silty thin interbeds, dark		
							Top of Box 109		
	244.25	244.43	18	18			Claystone, as above		
					804'	245.66			
	244.43	245.18	75	74			As above		
	245.18	246.20	2	2			C1 Vitrain		
	245.20	245.40	20	20			Claystone loss		
	245.40	245.47	7	7			Carbonaceous claystone, black		
	245.47	245.48	1	1			C1		
	245.48	245.50	2	2			Carbonaceous claystone with coaly layers		
	245.50	245.66	16	16			Coal Loss		
	245.66	246.64	98	97			C2 Durain (99% Dull) some sideritic specks towards base		
					811'	247.19			
					3962		Top of Box 110	106/122	87
	246.64	246.67	3	3			C3 Broken core		
	246.67	246.72	5	5			C2 Broken core		
6°	246.72	248.10	138	137			Claystone dark olive grey, carbonaceous stringers and fragments		
					816'	248.72			
	248.10	248.45	35	35			As above, more carbonaceous, broken at base		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 52

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: I. Delas CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	248.45	248.60	15	15			C2 Core broken.		
	248.60	248.70	10				Claystone carbonaceous with thin coal layers, broken.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7802 SHEET No: 53
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 111		
		248.81	11				claystone, black, coal lenses up to 2 mm, silty throughout		
	248.81	248.93	12				siltstone, very dark grey, carbonaceous, massive, clayey		
		249.45	52				sandstone, very fine grained to fine grained, grades from above		
							siltstone, some carbonaceous material, calcareous		
		249.69	24				siltstone, grey, massive clacareous, some carbonaceous particles		
						821'/250.24			
		249.88	14				as above		
		250.90	107				siltstone, slightly brownish grey, massive, becomes grey towards base		
							Top of Box 112		
		251.31	40				as above, grey, friable		
						826'/251.76			
		252.71	140				as above, friable in places		
						831'/253.29			
		252.96	25				as above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7802 SHEET No: 54

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							Top of Box 113		
		254.29	133				as above, some very fine grained sandstone towards base		
						836'/254.81			
		254.52	23				as above, very fine grained sandstone		
10°		255.08	56				sandstone, fine grained, laminated, cross-bedded, grey, minor carbonaceous material, calcareous, calcite along minor fracture		
							Top of Box 114		
		255.79	71				as above, very fine grained in places, a few carbonaceous laminae		
						841'/256.34			
		257.22	143				as above		
							Top of Box 115		
		257.37	15				as above		
						846'/257.86			
		258.81	144				as above, coal lense 1 cm thick, minor carbonaceous laminae		
						851'/259.38			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 55
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		259.40	59				as above, distinctly laminated and cross-bedded, fine grained		
							Top of Box 116		
3°		260.41	101				as above, laminae defined by numerous carbonaceous laminae		
						856'/260.91			
		261.55	114				as above		
							Top of Box 117		
		262.00	45				as above, less carbonaceous material and laminae		
						861'/262.43			
		263.54	154				as above, becomes medium grained towards the base, still distinctly		
							laminated and cross-bedded		
						866'/263.96			
		263.62	8				as above		
							Top of Box 118		
		265.03	141				as above, central portion massive, all medium grained sandstone, grey		
						871'/265.48			
		265.77	74				as above, massive at top		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 56
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		266.02	25				as above, laminated, claystone fragments at base where the sandstone becomes massive, (next unit)		
		266.60	58				as above, massive, medium grained, sandstone, grey		
						876'/267.00			
		267.90	130				as above, massive, medium grained, sandstone, grey, claystone, fragments towards base		
							Top of Box 120		
		268.00	10				as above, with claystone fragments		
						881'/268.53			
		268.81	81				as above, bottom half contains numerous claystone and siltstone fragments up to 3 cm, sandstone is fine to medium grained, remains calcareous		
		269.47	066	065			sandstone, very coarse grained to conglomerate in places, grey, calcite matrix, coal lenses up to 3 mm in lower half, calcite along minor fracture		
		269.84	37				sandstone, fine to medium grained, grey, coal stringers up to 2 mm thick near top, slightly laminated and slightly calcareous		
							Top of Box 121		
6°		271.00	116				as above, some coaly lenses, stringers up to 2 mm, 1 lense 1 cm, becomes well laminated towards base		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7802 SHEET No: 57
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
						891'/271.58			
		272.05	105				as above, laminae and cross-bedded, medium grained, grey, sandstone no coal		
							Top of Box 122		
13		272.57	52				as above, top half massive, with a few claystone fragments, bottom half finely laminated with carbonaceous laminae		
						896'/273.10			
		273.95	138				as above, sandstone, fine to medium grained, becoming light brownish grey towards base, less carbonaceous material towards base and therefore less distinctly laminated		
						901'/274.62			
		274.20	25				sandstone, light brown grey, as above		
							Top of Box 123		
		275.51	131				as above, sandstone, medium to coarse grained in places, coal stringers and lenses up to 5 mm at top and in centre, grey, laminated and cross-bedded. Only minor carbonaceous material in bottom half		
						906'/276.15			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 58
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		275.90	39				as above (no coal)		
		276.37	47				sandstone, very fine grained to silty, brownish grey, some interbeds of fine grained sandstone up to 2 cm, and laminae of claystone 1mm, carbonaceous, calcareous		
							Top of Box 124		
13°		277.15	78				as above, becomes dark brownish grey		
						911'/277.67			
		278.66	151				as above, fine grained sandstone zones up to 15 cm, claystone bands up to 1 cm, still dark brownish grey. coarser material still calcareous		
							Top of Box 125		
		279.25	59				as above, very fine grained sandstone with silty and fine grained sandstone up to 3 cm, slightly carbonaceous, calcareous, minor shearing along carbonaceous surfaces		
		280.09	84				sandstone, fine grained to medium grained, grey to brownish grey, massive except near top and bottom where it is laminated and cross-bedded, calcareous		
						921'/280.72			
8°		280.83	74				as above, laminated and cross-bedded with dark grey laminae, slightly carbonaceous along dark laminated surfaces		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 59
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
					1		Top of Box 126		
		281.66	83				as above, 12 cm zone is massive		
						926'/282.24			
		283.01	135				as above, laminated and cross-bedded		
							Top of Box 127		
		283.22	21				as above		
						931'/283.77			
		283.77	55				as above, bottom 8 cm contain pebbles up to 1 cm in diameter		
		284.31	54				conglomerate, pebbles up to 1.5 cm, medium grained sandstone, matrix calcareous, coal lenses 1.5 cm thick		
		284.74	43				sandstone, fine grained, brownish grey couple of conglomerate bands up to 4 cm, minor coal lenses 1 mm. finely laminated		
						936'/285.29			
		285.09	37				as above, coarse grained in places coal stringers up to 2 mm thick claystone pebbles at base up to 1 cm x 3 cm		
							Top of Box 128		
		285.15	6				as above with claystone pebbles		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 60
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		285.74	63				siltstone, dark grey, claystone interbanded less than 0.5 cm very fine grained sandstone up to 2 cm, coarser material calcareous slightly carbonaceous.		
		286.07	29				sandstone, fine grained, laminated and cross-bedded, calcareous		
		286.27	20				sandstone, very fine grained, dark grey, silty and fine grained sandstone bands up to 2 cm, calcareous carbonaceous with plant fragments (minor)		
						941'/286.82			
		287.21	94				as above		
							Top of Box 129		
		287.75	54				as above, minor shearing along carbonaceous laminae. 15 cm band of fine grained sandstone		
						946'/288.34			
		289.32	157				as above, very fine grained sandstone, silty and fine sandstone interbands		
							Top of Box 130		
						951'/289.86			
10^0		290.85	153				as above		
						956'/291.39			
		290.95	10				as above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 61
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	290.95	291.44	49				Sandstone fine grained, brownish grey, laminated, cross bedded, calcareous		
							Top of Box 131		
		291.90	46				As above - shearing along calcite fracture, becomes very fine grained at base.		
	291.90	292.37	47				Sandstone very fine, dark grey, carbonaceous with plant fossils, inter-bedded with silty bands. Gradational from fine sandstone above; minor shearing, calcite on shear surface, calcareous.		
						961/292.91			
		293.53	116				As above colour varies to a dark brownish grey. This unit has massive bands up to 10 cm, interbedded with laminae bands just as thick.		
							Top of Box 132		
		293.90	37				As above		
						966/294.44			
		295.44	154				As above		
						971/295.96			
		295.59	15				As above		
							Top of Box 133		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 62
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	295.59	296.95	136				Sandstone fine grained, grey to dark grey, grades from above very fine sandstone, minor carbonaceous plant fossils, calcareous laminated to massive, minor silty zones less than 1 cm.		
						976/297.48			
		297.76	81				As above becomes very fine grained at base		
							Top of Box 134		
		298.51	75				Sandstone very fine to fine grained bands up to 10 cm, dark grey to grey. This is a gradation from fine grained unit above, calcareous, very minor carbonaceous material (plant fossils)		
						981/299.01			
		299.93	142				As above silty dark grey with claystone bands up to 1 cm.		
							Top of Box 135		
		300.09	16				As above very fine grained sandstone to fine grained sandstone at base		
						986/300.53			
		301.31	122				As above predominently fine grained sandstone, grey		
	301.31	301.50	19				Siltstone interbedded with claystone and very fine grained sandstone all dark grey with some plant fossils, bands are generally 1 to 2 cm.		
						991/302.06			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 63

DATE BEGUN: DEPTH: BEARING: U.T.M.:

DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:

LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		302.18	68				As above clay bands up to 2 cm, very fine grained sandstone up to 5 cm.		
							Top of Box 136		
		303.00	82				As above		
						996/303.58			
		303.73	73				As above		
		304.30	57				Sandstone very fine grained, grey to dark grey, slightly brown finely cross bedded (ripple marks) silty bands less than 1 cm, calcareous		
							Top of Box 137		
		304.54	24				As above		
						1001/305.10			
		306.03	149				As above		
						1006/306.63			
		306.45	42				As above calcite along minor fractures		
							Top of Box 138		
		307.57	112				As above		
						1011/308.15			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 64
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION		RECOVERY m.Rec.	RECOVERY %
		308.59	102				As above			
							Top of Box 139			
		309.05	46				As above			
	309.05	310.19	114	113			Sandstone	very fine grained, dark grey, fine carbonaceous laminae transition from above sandstone to silty sandstone below, calcareous.		
	310.19	310.55	36				Siltstone	dark brown to dark brownish grey, very fine grained sandstone bands, calcareous, carbonaceous, plant fossils, grades from above.		
						1021/311.20				
		310.77	22				As above	becomes very dark and claystone in places		
							Top of Box 140			
		312.04	127				As above	very dark greyish brown, some coal stringers 1 mm.		
						1026/312.72				
		312.86	82				As above	becoming sandier		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 65
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 141		
	312.86	313.39	53				Siltstone dark to medium grey, occasional gradation into silty claystone with laminae of claystone, some cross bedding at top		
		313.47	8				Silty Claystone dark grey, massive		
		313.67	20				Siltstone As above		
						1031/314.25			
8°		314.17	50				Siltstone as above		
		314.29	12				Carbonaceous Claystone with coaly inclusions		
		314.37	8				Silty Claystone occasional carbon		
		314.40	3				Carbonaceous Claystone laminae and thin layers of coal		
		315.13	73				Silty Claystone Medium grey, dark carbon specks and inclusions, silty laminae.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 66
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 142		
8°						1036/315.77			
	315.13	315.31	18	18			Silty Claystone Plant fossils		
	315.31	315.44	13	13			Coaly Claystone few layers of coal up to 0.5 cm		
	315.44	315.79	35	35			Carbonaceous Claystone		
	315.79	315.91	12	12			Coaly Claystone bright bands of coal		
	315.91	316.07	16	16	4249		C3 interbedded bright and boney coal		
	316.07	316.19	12	12			Coaly Claystone		
	316.19	316.37	18	18			Carbonaceous Claystone with stringers of coal		
	316.37	316.43	6	6			Coaly Claystone		
	316.43	316.50	7	7			C4		
	316.50	316.59	9	9			C2		
						1041/317.30			
	316.59	316.69	10	10			C3 Bright and dull with higher ash content		
	316.69	316.88	19	19	4248		C4 Dull, band and stringers of vitrain		
	316.88	316.94	6	6			C2		
	316.94	317.02	8	8			C4		
	317.02	317.08	6	6			Coaly Claystone		
	317.08	317.19	11	11			Claystone loss		
	317.19	317.34	15	15			C3		
							Top of Box 143		
	317.34	317.41	7	7	4247		C3 Bright and stony interbedded		
	317.41	317.56	15	15			Coaly Claystone		
	317.56	317.78	22	22			Carbonaceous Claystone with coal laminae		
	317.78	317.82	4	4			C1 Vitrain		
	317.82	317.92	10	10			Carbonaceous Claystone as above		
	317.92	317.98	6	6			C1 vitrain		
	317.98	318.11	13	13			Carbonaceous Claystone		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 67
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	318.11	318.13	2	2			C1		
	318.13	318.15	2	2			Carbonaceous Claystone		
	318.15	318.19	4	4			C1		
	318.19	318.23	4	4			C4		
						1046/318.82			
	318.23	318.28	5	5			C4		
	318.28	318.49	21	21			Coaly Carbonaceous Claystone		
	318.49	318.52	3	3			C3		
	318.52	318.54	2	2			Carbonaceous Claystone		
	318.54	318.64	10	10			C1		
	318.68	318.68	4	4			C3		
	318.68	319.04	36	36	4242		C1		
	319.04	319.14	10	10			C2		
	319.14	319.23	9	9			C1		
	319.23	319.26	3	3			C3		
	319.26	319.37	11	11			C2		
	319.37	319.93	56	55			Claystone Loss		
	319.93	319.98	5	5			Carbonaceous Claystone		
	319.98	320.00	2	2			C2		
	320.00	320.03	3	3			Carbonaceous Claystone		
	320.03	320.06	3	3			C2		
							Top of Box 144		
	320.06	320.21	15	15			C3		
					3951	1051/320.34			
	320.21	320.28	7	7			C3		
	320.28	320.37	9	9			Coaly Claystone		
	320.37	320.41	4	4			C3		
	320.41	320.44	5	5			C4		
	320.44	320.52	8	8			Coaly Claystone		
	320.52	320.55	3	3			C1		
	320.55	320.77	20	20			Claystone Loss		
	320.77	320.87	10	10			Carbonaceous Claystone		
	320.87	321.07	20	20			Coal Loss		
	321.07	321.15	8	8			C2 Durain		
						1056/321.87			

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 68

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	321.15	321.18	3	3			Carbonaceous Claystone with coal bands, highly broken		
	321.18	321.27	9	9			C2		
	321.27	321.29	2	2			Coaly Claystone		
	321.29	321.40	11	11	3952		C1		
	321.40	321.41	1	1			C3		
	321.41	321.68	27	27			C1		
	321.68	321.74	6	6			C2		
	321.74	322.00	26	26			C1		
	322.00	322.15	15	15	3953		Claystone Loss		
	322.15	322.30	15	15			Carbonaceous Claystone		
	322.30	322.31	1	1			C1		
	322.31	322.35	4	4			Carbonaceous Claystone		
	322.35	322.82	47	46			Coal Loss		
	322.82	322.84	2	2			C1		
	322.84	322.97	13	13			C3 FeS_2 in Specks		
							Top of Box 145		
	322.97	323.06	9	9			C1		
						1061/323.39			
	323.06	323.14	8	8			C1)		
	323.14	323.17	3	3			C3) Good Core		
	323.17	323.26	9	9	3954		C1)		
	323.26	323.34	8	8			C2 Pulverized		
	323.34	323.41	7	7			C2		
	323.41	323.53	12	12			C3 Sheared and broken		
	323.53	323.78	25	25			C2 Good core FeS_2 inclusions		
	323.78	323.81	3	3			C4		
	323.81	324.21	40	40			C2 Durain with bands at vitrain		
						1066/324.92			
	324.21	324.25	4	4			C4		
	324.25	324.35	10	10			C3		
	324.35	324.54	19	19			C2		
	324.54	324.70	16	16			C1		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7802 SHEET No: 69

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	324.70	324.74	4	4			C3		
	324.74	324.79	5	5			C1		
	324.79	324.82	3	3			C2		
							Top of Box 146		
	324.82	324.87	5	5			C3		
	324.87	325.20	33	33			C1		
	325.20	325.25	5	5			C2		
	325.25	325.37	12	12			C1		
	325.37	325.51	14	14			C2		
	325.51	325.62	11	11			C1		
						1071/326.44			
	325.62	325.70	8	8			C1		
	325.70	325.72	2	2			C3		
	325.72	325.78	6	6			C2 Broken and pulverized		
	325.78	326.41	63	62			C1		
	326.41	326.45	4	4			C1 Pulverized, highly broken		
	326.45	326.64	19	19			Claystone Loss		
						1075/327.66			
	326.64	326.79	15	15			Coaly claystone, highly broken, pulverized		
	326.79	326.90	11	11			Carbonaceous Claystone coaly		
	326.90	327.06	16	16			Coal Loss		
	327.06	327.10	4	4			C3 sheared, broken		
	327.10	327.34	24	24			Claystone		
	327.34	327.49	15	15			Carbonaceous Claystone partly sheared		
							Top of Box 147		
	327.49	327.79	30	30			Carbonaceous Claystone with caoly inclusions		
	327.79	328.07	28	28			As above broken at base		
	328.07	328.10	3	3			Carbonaceous Claystone highly broken and mixed with coal		
	328.10	328.34	24	24			Coal loss		
	328.34	328.36	2	2			C2, Pulverized		
	328.36	328.40	4	4			C1, broken, pulverized		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 70

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	328.40	328.69	29	29			Claystone Loss		
	328.69	328.82	13	13		1081'/329.49	Claystone with carbonaceous fragments		
	328.82	329.03	21	21			Silty claystone, medium grey, plant fossils		
	329.03	329.45	42	41			Claystone, occasional silty, rich of plant fossils		
	329.45	329.52	7	7			Siltstone with few veins of $CaCO_3$		
	329.52	330.05	53	52			Claystone, dark grey, massive, uniformed		
							Top of Box 148		
	330.05	330.28	23	23			Carbonaceous Claystone laminae of conglomerate		
						1086/331.01			
	330.28	330.37	9	9			Coal Loss		
	330.37	331.05	68	67			Carbonaceous Claystone, laminae of conglomerate		
	331.05	331.25	20	20			Coal Loss		
	331.25	331.35	10	10			C1 broken		
	331.35	331.50	15	15			Carbonaceous Claystone as above		
						1090.5/332.41			
	331.50	331.98	48	47			As above		
	331.98	332.00	2	2			C1		
	332.00	332.02	2	2			C4		
	332.02	332.17	15	15			C1		
							Top of Box 149		
	332.17	332.62	45	44			C1		
	332.62	332.85	23	23			C2 durain - vitrain		
	332.85	333.07	22	22			C1 less than 95% vitrain		
	333.07	333.36	29	29		1095.5'/333.94	Coal Loss		
	333.36	334.43	107	106			C1 as above		
							Top of Box 150		
	334.43	334.81	38	38		1100.5'/335.46	C1 as above		
	334.81	335.03	22	22			C1 as above		
	335.03	335.36	33	33			Claystone carbonaceous towards top		
	335.36	335.42	6				Core missing		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 71

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
		335.54	12	12			Siltstone massive and compact		
		335.66	12	12			Claystone medium grey, silty bands		
		336.36	70	69			Silty claystone occasional more silty bands, some plant fossils, some crossbedding.		
						1106/337.11			
10^0		336.59	23	23			As above, some carbonaceous specks and stringers towards base.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 72
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 151		
		336.88	29				Claystone Black, coal stringers up to 0.5 cm, shearing along coal sufraces. Silty, calcite along shear surfaces.		
		337.16	28				Sandstone Very fine grained, dark grey, laminated, bands of fine sandstone up to 2 cm, silty bands up to 3 mm. Grades to fine sandstone below and claystone above.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 73
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION		RECOVERY m.Rec.	RECOVERY %
	337.16	337.80	64				Sandstone	fine grained, grey, laminated and finely cross bedded, calcite along minor, dark carbonaceous laminae, calcareous.		
						1111/338.63				
		338.66	86				As above	few coaly stringers up to 1 mm.		
							Top of Box 152			
		339.40	74				As above	transition from fine grained sandstone to very fine grained sandstone, finely interbedd and silty more carbonaceous and calcite along fracture.		
						1116/340.16				
3°		340.12	72				As above			
	340.12	340.93	81				Claystone	dark grey to black, top 10 cm very silty, grades from above, carbonaceous stringers up to 3 mm. and plant fossils, the silty areas are calcareous.		
							Top of Box 153			
		340.95	2				As above			
		341.82	87				Siltstone	dark grey, friable, minor carbonaceous material, plant fossils		
	341.82	342.37	55				Sandstone	fine grained to very fine grained in center grey to dark grey, laminated, not very distinct 11 cm siltstone with very fine grained sandstone, coal laminae up to 2 mm.		
						1126/343.20				

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 74
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
10°		343.21	84				Sandstone fine to medium grained, grey to dark grey, minor carbonaceous laminae, calcareous, cross bedded		
							Top of Box 154		
		344.00	79				As above		
						1131/344.73			
							The next several measurements are: very fine to fine sandstone, grey to dark grey, interbedded with silty bands up to 5 cm and claystone bands less than 1 cm, calcareous along minor fractures, some shearing along carbonaceous laminae, with calcite coaly stringer and lenses less than 3 mm thick. The entire unit is calcareous. The unit is laminated with soft sediment deformation.		
	344.00	345.34	134				As above 40 cm fine grained sandstone band		
							Top of Box 155		
		345.60	26				As above		
						1136/246.25			
		347.15	155				As above		
						1141/347.78			
		347.54	39				As above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 75
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 156		
		348.52	98				As above		
						1146/349.30			
		349.75	123				As above slightly more silty		
							Top of Box 157		
		350.10	35				as above		
						1151/350.82			
		351.68	158				As above		
						1156/352.35			
		351.90	22				As above		
							Top of Box 158		
		353.22	132				As above		
						1161/353.87			
		354.08	86				As above		
							Top of Box 159		
		354.70	62				As above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7802 SHEET No: 76

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						1166/355.40			
		356.26	156				As above		
							Top of Box 160		
						1171/356.92			
		357.80	154				As above		
						1176/358.44			
		358.43	63				As above		
							Top of Box 161		
		359.37	94				As above		
						1181/359.97			
		360.60	123				As above		
							Top of Box 162		
		360.82	22				As above		
						1186/361.49			
		362.34	152				As above		
						1191/363.02			
		362.59	25				As above		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7802 SHEET No: 77

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
8°	362.59	362.66	7				Siltstone clayey, very dark grey, carbonaceous (plant fossils), massive grades from above.		
							Top of Box 163		
		363.83	117				As above still massive in appearance. A few coal lenses and stringers up to 2 mm. Sandy in plances.		
						1196/364.54			
12°		364.81	98				As above very fine sandstone bands up to 2 cm - common.		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 78

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 164		
9°	364.81	364.85	4	4			Claystone dark grey, carbon, some coaly inclusions		
	364.85	365.05	20	20			C1 good solid core		
						1200.6/365.94			
	365.05	365.36	31	31			C1 as above		
	365.36	365.66	30	30			Claystone Loss		
	365.66	365.74	8	8	2		C4		
	365.74	365.78	4	4	3		C4		
	365.78	365.84	6	6	4		C2		
	365.84	365.89	5	5	5		C4		
	365.89	366.04	15	15	6		C2		
	366.04	366.13	9	9			Claystone Loss		
	366.13	366.20	7	7			Claystone carbonaceous with thin coal laminae and inclusions		
	366.20	366.37	17	17	7		C2 10-15% of ash, mostly bright with some boney layers greater than .5 cm		
	366.37	366.45	8	8	8		C4 with specks of vitrain		
	366.45	366.57	12	12	9		C1 good solid core		
	366.57	366.68	11	11	10		C2		
	366.68	366.84	16	16	11		C1 broken core toward base		
						1206/367.59	Top of Box 165		
	366.84	366.99	15	15			C1 50% bright, 50% dull lusters		
	366.99	367.01	2	2	12		C3		
	367.01	367.15	14	14	13		C2		
	367.15	367.18	3	3	14		C3		
	367.18	367.29	11	11	15		C2		
	367.29	367.33	4	4	16		C3		
	367.33	367.40	7	7	17		C1		
	367.40	367.42	2	2	18		C3		
	367.42	367.50	8	8	19		C1		
	367.50	367.77	27	27	20		C2		
	367.77	367.93	16	16	21		C3 broken and sheared		
	367.93	368.00	7	7	21		C3 as above		
	368.00	368.30	30	30			Claystone Loss		

4243 4244 4245

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 79

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	368.50	368.50	20	20	22		C2 some sideritic specks toward base		
	368.50	368.68	18	18	23		C1)		
	368.68	368.70	2	2	24		C3)		
	368.70	368.95	25	25	25		C1) Good Core		
	368.95	369.00	5	5	26		C3 Ash 25-30%)		
							Top of Box 166		
	369.00	369.06	6	6	26		C3 Ash 20-25%		
	369.06	369.13	7	7	27		C1		
	369.13	369.81	68	67	28		C2 mostly bright with dull bands (Durain) Good core		
						1216/370.64			
	369.81	370.45	64	63	28		C2 as above		
	370.45	370.48	3	3	29		C3		
	370.48	370.56	8	8	30		C1		
	370.56	370.77	21	21	31		C2		
	370.77	370.82	5	5	32		C3		
	370.82	370.96	14	14	33		C1		
	370.96	370.98	2	2	34		C3		
	370.98	371.18	20	20			C1		
							Top of Box 167		
	371.18	371.35	17	17	35		C1 95% Bright vitrain		
						1221/372.16			
	371.35	371.46	11	11			C1 as above good solid core		
	371.46	371.77	31	31	36		C1 as before		
	371.77	371.81	4	4	37		C1		
	371.81	371.93	4	4	38		C2 mostly bright with few dull stringers		
	371.93	372.21	28	28		4246	Carbonaceous Claystone with coaly laminae and thin coal layers		
	372.21	372.36	15	15	39		C2 95-100% vitrain		
	372.36	372.45	9	9	40	4250	C3		
	372.40	372.83	43	43			Carbonaceous Claystone dark grey, coaly specks and stringers		
	372.83	372.90	7	7			Claystone dark grey, partly silty		
	372.90	373.02	12	12			Siltstone some crossbedding, many plant fossils		
						1226/373.68			

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Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 80
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
7°	373.02	373.54	52	51			Silty Claystone Coaly laminae at the top		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 81
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 168		
	373.54	374.23	69				Siltstone very dark grey, carbonaceous (plant fossils), coal stringers up to 2 mm, very fine grained sandstone bands up to 3 cm, top is mostly claystone, soft sediment deformed.		
	374.23	374.62	39				Core Missing		
	374.62	374.67	5				Claystone dark grey to black, coal lenses and stringers less than 1.0 cm carbonaceous, silty, massive		
						1231/375.21			
		376.02	135				As above		
							Top of Box 169		
						1236/376.73			
		377.01	99				As above		
	377.01	377.51	50				Siltstone dark grey, carbonaceous (plant fossils) minor shearing along coaly stringers. Coal lenses up to 2 mm, some very fine grained sandstone laminae, grades from claystone above.		
						1241/378.26			
		378.15	64				as above 4 cm bright coal zone near bottom smaller 1cm band above and below. Clayey around coal.		
							Top of Box 170		
4°		378.31	16				As above		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7802 SHEET No: 82
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	378.31	379.00	69				Claystone very dark grey to black, coal band 1 cm thick near base. Silty throughout, coal stringers and lenses less than 2 mm. Carbonaceous (Plant fossils)		
						1246/379.78			
		379.34	34				As above very silty just past marker then becomes broken with coaly shear surfaces and the claystone is very coaly with numerous stringers and laminae. Grades to siltstone below.		
	379.34	380.38	104				Siltstone dark brownish grey, carbonaceous (plant fossils), becomes sandy towards base, shear surfaces along carbonaceous laminae, some claystone up to 3 cm.		
							Top of Box 171		
		380.54	16				As above continues sandy		
						1251/381.30			
		381.01	47				As above could be considered a silty very fine grained sandstone, dark grey, not as brownish.		
	381.01	381.86	85				Conglomerate pebbles up to 4 cm x 2 cm, well rounded coarse grained sandstone matrix (slightly calcareous) Coarse grained sandstone bands up to 3 cm. Grey, a few coal lenses and stringers up to 4 mm.		
		382.52	66				As above		
							Top of Box 172		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 83

DATE BEGUN: DEPTH: BEARING: U.T.M.:

DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:

LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		383.25	73				As above		
							The next measured units:		
							Sandstone fine to medium grained, grey, massive to laminated and cross bedded.		
							Coal lenses to 2 cm thick. Stringers and lenses abundant locally. Shearing along coaly surfaces. Some fine carbonaceous laminae.		
							Calcareous		
							Coarse grained and pebbly zones up to 5 cm.		
	383.25	384.05	80				As above		
						1261/384.35			
		384.61	56				As above		
							Top of Box 173		
		385.52	91				As above		
						1266/385.88			
		386.61	109				As above (No indication of Missing core)		
						1271/387.40			
		386.74	13				As above		
							Top of Box 174		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: ~~BD-7802~~ SHEET No: ~~84~~
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		388.12	138				As above		
						1276/388.92			
		388.94	82				As above		
							Top of Box 175		
		389.71	77				As above sandstone becoming generally coarser and more massive. A conglomerate zone of 10 cm and coal stringers associated with it.		
						1281/390.45			
		391.06	135				As above ~~medium to coarse grained, predominantly massive.~~		
							Top of Box 176		
		391.13	7				As above laminated		
						1286/391.97			
22°		391.83	70				As above laminated, many coal stringers in bottom half.		
		392.73	90				As above very pebbly (4 cm x 2 cm), conglomerate in places. Still considered part of the sandstone as it makes up (coarse grained sandstone) 50% + as the matrix. Near bottom a 10 cm zone of black claystone. At bottom the conglomerate zone is broken up and coal stringers. (Broken by drill?)		
						1291/393.50			

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 85
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Measurements below:		
							Sandstone fine grained, grey, massive with some fine laminea, some pebbly zones. This sandstone does not vary as much as the above. It is also very clean with no significant coal lenses etc. There are some large pebble zones which are probably lenses and discontinuous, calcareous.		
	392.73	393.26	53				As above		
							Top of Box 177		
		394.26	100				As above		
						1296/395.02			
		395.41	115				As above two silty bands near centre		
							Top of Box 178		
		395.80	39				As above		
						1301/396.54			
		397.38	158				As above		
						1306/398.07			
		397.59	21				As above		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 86
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 179		
		398.90	131				As above		
						1311/399.59			
10°		399.69	79				As above		
							Top of Box 180		
		400.44	75				As above		
						1316/401.02			
		401.93	149				As above		
							Top of Box 181		
		401.97	4				As above		
						1321/402.64			
		403.50	153				As above		
						1326/404.16			
		403.97	47				As above many interbeds of up to 5 cm of silty claystone, very dark grey, the sandstone is actually only 25% of this measurement.		
		404.08	11				As above coarse grained in top half. (next to claystone)		
							Top of Box 182		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7802 SHEET No: 87

DATE BEGUN: DEPTH: BEARING: U.T.M.:

DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:

LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	404.08	404.95	87				As above very coarse grained, pebbly zone and this unit is predominantly medium grained. The previous claystone and this measurement plus the couple to follow indicate a slight disruption in the regular edimentation of the sandstone. Possibly a local effect.		
						1331/405.69			
	404.95	405.35	40				As above Claystone-Siltstone interbedded, very dark brownish grey		
	405.35	406.13	78				As above coarse, medium and fine grained sandstone with a 5 cm siltstone band towards base.		
	406.13	406.24	11				As above Siltstone interbedded, very dark brownish grey		
							Top of Box 183		
		406.34	10				As above siltstone as above		
		406.62	28				As above back into the predominently fine grained sandstone, massive, clean, laminated in places.		
						1336/407.21			
		408.08	145				As above slightly more brownish in appearance.		
						1341/408.74			
		408.52	44				As above		
							Top of Box 184		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7802 SHEET No: 88
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	408.52	409.58	106				As above definite brownish colour, rusty locally, only slightly calcareous		
						1346/410.26			
		410.59	101				As above		
						1349/411.18			
							Top of Box 185		
8°		412.13	154				As above		
						1354/412.70			
		412.79	66				As above		
							Top of Box 186		
		413.70	91				As above small rusty pebble band.		
						1360/414.53			
		415.05	135				As above 7 cm bright siltstone band - central		
							Top of Box 187		
		415.25	20				As above		
						1365/416.05			
		415.67	42				As above not as brownish		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 89

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
		417.10	143				As above very fine grained sandstone, dark grey, almost silty, massive sharp contact at top, grades back to fine grained sandstone at bottom.		
		417.17	7				As above fine grained sandstone		
							Top of Box 188		
		417.91	74				As above sandstone is now becoming slightly laminated		
		418.33	42				As above		
						1375/419.10			
		419.36	103				As above		
							Top of Box 187		
		419.90	54				As above		
						1380/420.62			
		421.43	153				As above		
						1385/422.15			
							Top of Box 190		
		422.95	152				As above silty zone in middle with calcite in fractures.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7802 SHEET No: 90
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
						1390/423.67			
		423.61	65				As above		
							Top of Box 191		
		424.48	87				As above with 5 cm silty claystone band, central		
						1395/425.20			
		424.68	20				As above		
		425.13	45				As above predominently interbedded very fine sandstone, siltstone, claystone and fine sandstone		
		425.77	64				As above fine sandstone with some siltstone claystone interbeds.		
		426.02	25				As above		
						1400/426.72			
		427.55	153				As above		
						1406/428.55			
		427.89	34				As above		
							Top of Box 193		
						1411/430.07 Misplaced?			
		430.05	216				As above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 91

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 194		
		430.70	65				As above		
						1416/431.60			
		432.18	148				As above siltstone bands at base.		
							Top of Box 195		
		432.24	6				As above mostly claystone, siltstone		
						1421/433.12			
		433.78	154				As above		
						1426/434.64			
		434.23	45				AS above		
							Top of Box 196		
		435.34	111				As above excellent crossbed indicating an immediate change in bedding angle from a few degrees to 20°. The average for the hole appears to be about 10°.		
						1431/436.17			
		436.35	101				As above		
							Top of Box 197		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7802 SHEET No: 92
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	436.35	438.40	205				As above siltstone zones near top and centre.		
						1441/439.22			
							From this marker on the sandstone (As above) is becoming about 50% of the core, being interbedded with very fine sandstone and siltstone. Some carbonaceous material is associated with the dark finer rock. The sandstone zones are up to 60 cm.		
							Some calcite is found along one or two minor fractures. The contact between siltstone and clean sandstone is sharp although irregular due to soft sediment deformation.		
							The sandstone is generally finely laminated.		
	438.40	438.55	15				As above		
							Top of Box 198		
	438.55	439.96	141				As above		
						1446/440.74			
	439.96	440.68	72				As above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7802 SHEET No: 93
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 199		
	440.68	441.46	78				As above		
						1451/442.26			
12°	441.46	442.80	134				As above		
							Top of Box 100		
	442.80	443.05	25				As above		
						1456/443.79			
	443.05	444.03	98				As above		
	444.03	491.93					From this point on the sandstone and siltstone are interbedded as above but the sandstone bed seldom reaches more than 10 cm and the siltstone makes up 60 to 70% of the formation. The sandstone becomes very fine grained. Interbeds of claystone (very dark grey) become more frequent. Some of the contacts are gradational. Although the large majority are still sharp and usually irregular. Coarser material is calcareous, not carbonaceous. The sandstone is medium to dark grey.		
	491.93	504.12					From this point on the unit is silty claystone. Sandstone is now less than 10%. Progressively becomes massive, very dark grey silty claystone, (100%) claystone to the above point, the sandstone maintained about 25% of the core. The claystone has some minor carbonaceous laminae and minor carbonaceous particles, it is slightly friable in some locations.		
							END OF HOLE		

Form 71-0150-R04

BELCOURT PROJECT

MINING SECTION SUMMARY

Hole No. BD 7803 Bearing 225° Angle 65° Total Depth 295.31 m

Coordinates 44476.20 N - 77217.09 E Collar Elevation 1311.77 m

Seam	Zone	Elevation (base)	Drilled Interval	True Thickness	Coal/Rock	Core Recovery%	Sample I.D.

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7803 SHEET No: 1
DATE BEGUN: Aug 1, 1978 DEPTH: 295.5 BEARING: 225° U.T.M.:
DATE FINISHED: Aug 10, 1978 ELEV. COLLAR: 1311.77 M TOTAL DEPTH: 295.31 COAL LICENSE:
LAT.: HOLE ANGLE: 65° LOGGED BY: Prescott/Simpson CORE SIZE: HQ

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	0.00	29.73					Core loss; cassing		
							Top of Box 1		
	29.73	31.59	1.86				overburden: mud and boulders		
							Top of Box 2		
	31.59	32.81	1.22				dark grey fissile claystone. Shattered. At 32.38 is cg ss = probably pebble dropped down hole. Fish scales (black) at top of unit		
						105'/32.00			
	32.81	34.16	1.35				same as above - 30 cm section is pulverized (mud)		
						115'/35.05			
45°							Top of Box 3		
	34.16	38.15	1.99				Grey claystone - shale with thin white siltstone laminae		
						125'/38.10			
	38.15	38.31	0.16				Same as above with fish scales		
45°							Top of Box 4		
	38.31	40.40	2.09				Grey claystone with white sitlstone laminae, core relatively unfracutred, partings 1 - 3 cm+		
							Top of Box 5		
	40.40	40.77	0.37				As above		
						133'/40.54			
	40.77	42.16	1.39				Grey claystone with shale partings, increased white sandstone laminae over above section		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7803 SHEET No: 2
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 6		
45°	42.16	43.63	1.47				dark grey claystone fish scales, sandstone laminae (white)		
						143'/43.59			
	43.63	44.33	0.70				Same as above		
45°							Top of Box 7		
	44.33	45.51	1.18				Dark grey claystone with light grey siltstone/sandstone laminae		
							cross-beds show tops is up/sandstone microchannels		
						150'/45.72			
	45.51	46.70	1.19				Same as above		
							Top of Box 8		
	46.70	47.31	0.61				Dark grey claystone, occasional siltstone laminae		
						155'/47.24			
	47.31	48.82	1.51				Same as above		
45°							Top of Box 9		
	48.82	48.96	0.14				Dark grey claystone with sandstone laminae		
	48.96	49.01	0.05				Very fine grained sandstone, light grey with interbed dark grey siltstone		
							channelling + cross-beds with microfault		
	49.01	50.00	0.99				Grey claystone with very fine grained sandstone and siltstone laminae		
						164'/49.99			
	50.00	50.90	0.90				Dark grey claystone; rare laminae		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7803 SHEET No: 3
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 10		
	50.90	52.38	1.48				Dark grey claystone with laminae sandstone, claystone is slightly more friable than previous boxes	1.48	
						172'/52.42			
	52.38	53.01	0.63				Same as above		
							Top of Box 11		
	53.01	54.58	1.57				Dark grey claystone with rare thin siltstone laminae; friable	1.57	
						179'/54.56			
	54.58	55.17	0.59				As above but more siltstone laminae minor bioturbation		
						182'/55.47			
							Top of Box 12		
	55.17	55.90	0.73				Dark grey claystone		
						185'/56.39			
45°	55.90	57.23	1.33				Same as above with minor sandstone bands, fish scales		
							Top of Box 13		
	57.23	58.33	1.10				Dark grey claystone with light grey siltstone laminae		
	58.33	59.37	1.04			193'/58.83	Same as above with very faint light grey laminae		
							Top of Box 14		
	59.37	60.22	0.85				Dark grey claystone minor siltstone laminae		
						199'/60.65			
	60.22	61.58	1.36				Same as above		

Form 71-0150-B04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7803 SHEET No: 4
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
50°							Top of Box 15		
	61.58	62.08	0.50				Dark grey claystone with grey siltstone laminae, 5 cm from top of box is 1 cm band medium grey thin laminated siltstone		
						205'/62.48			
	62.08	63.76	1.68				Same as above with minor fracturing		
							Top of Box 16		
	63.76	65.22	1.46				Dark grey, claystone with light grey siltstone laminae		
						215'/65.53			
	65.22	65.90	0.68				Same as above		
50°							Top of Box 17		
	65.90	68.16	2.26				Dark grey claystone with minor light grey siltstone laminations joints 75° BJA - micro faults		
							Top of Box 18		
	68.16	68.25	0.09				Dark grey claystone		
						225'/68.58			
	68.25	70.29	2.04				Dark grey claystone with very minor siltstone laminae		
							Top of Box 19		
	70.29	71.26	0.97				Dark grey claystone with siltstone laminae		
						235'/71.63			
	71.26	72.53	1.27				Same as above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7803 SHEET No: 5
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 20		
	72.53	74.23	1.70				Dark grey claystone with light grey siltstone laminae; fish scales		
						245'/74.68			
	74.23	74.71	0.48				Dark grey claystone with current bedded light grey siltstone, sandstone bands, some channelling		
							Top of Box 21		
	74.71	75.02	0.31				Same as above		
	75.02	75.60	0.58				Dark grey claystone with minor bands and laminations of siltstone		
50°	75.60	76.91	1.31				Dark grey claystone with laminae, light grey siltstone bands and laminations, some bioturbation, burrows		
							Top of Box 22		
	76.91	78.79	1.88				Dark grey, fissile claystone with finely laminae siltstone bands; lystric surfaces parallel to bedding, fish scales and minor iron staining along fracturing, CA - random		
	78.79	79.11	0.32			255'/77.72	same as above		
							Top of Box 23		
	79.11	79.30	0.19				Dark grey claystone with mottled light grey sandstone and siltstone bands		
	79.30	79.74	0.44				Dark grey claystone with well laminae, light grey sandstone and siltstone bands and bioturbation		
45°	79.74	80.01	0.27				Brown iron stained dark grey claystone with siltstone and sandstone bands, bioturbation		
						265'/80.77			
	80.01	80.07	0.06				Same as above		
	80.07	81.32	1.25				fissile dark grey claystone with light grey siltstone laminae, minor banding and bioturbated		
						275'/83.82			

Form 71-0150-B04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7803 SHEET No: 6
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
					275'	/83.82	Top of Box 24		
	81.32	83.53	2.21				Dark grey claystone with mottled light grey sandstone bands and minor evenly banded sandstone; bioturbated		
							Top of Box 25		
450	83.53	85.72	2.19				Hard, indurated, competent, dark grey claystone with some slight mottled light grey laminae sandstone bands		
							Top of Box 26		
	85.72	86.53	0.81				Hard dark grey claystone with some light grey siltstone, sandstone bands		
						285'/86.87			
	86.53	87.88	1.35				Same as above		
							Top of Box 27		
	87.88	89.64	1.76				Dark grey claystone same as above		
						295'/89.92			
	89.64	90.07	0.43				Same as above		
							Top of Box 28		
	90.07	90.23	0.16				Same as above		
						297'/90.53			
	90.23	92.23	2.00				Dark grey claystone with light grey siltstone bands and laminations		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7803 SHEET No: 7
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 29		
45°	92.23	92.70	0.47				Dark grey, claystone with lenticular sandstone bands		
						305'/92.96			
	92.70	94.37	1.67				Same as above		
							Top of Box 30		
	94.37	95.73	1.36				Same as above with some soft sediment deformation		
						315'/96.01			
	95.73	96.50	0.77				Same as above		
							Top of Box 31		
	96.50	98.63	2.13				Same as above		
45°							Top of Box 32		
	98.63	99.81	1.18				Same as above		
						329'/100.28			
	99.81	101.02	1.21				Same as above; dark grey claystone with minor mottled thin light grey sandstone bands		
							Top of Box 33		
	101.02	102.07	1.05				Same as above		
						335'/102.11			
	102.07	103.12	1.05				Same as above; minor fracturing and calcite filling near bottom of box (33)		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7803 SHEET No: 8
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
45°	103.12	104.99	1.87				Top of Box 34		
							Dark grey claystone with irregular light grey sandstone bands (laminae) with fish scales, minor bioturbation and some soft sediment deformation		
						339'/103.33			
	104.99	105.17	0.18				Same as above		
							Top of Box 35		
	105.17	106.17	1.00				Same as above		
						349'/106.38			
	106.17	107.32	1.15				Same as above: core good condition		
							Top of Box 36		
						359'/109.42			
	107.32	109.40	2.08				Dark grey claystone; same as above, from 2 cm to 7 cm below top of box 36 is 5 cm light grey current laminae sandstone band		
							Top of Box 37		
	109.40	111.20	1.80				Dark grey claystone with minor thin light grey sandstone laminae		
						365'/111.25	108 cm		
	111.20	111.60	0.40				Same as above, top of box 37 10 cm calcareous band		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7803 SHEET No: 9
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 38		
	111.60	113.80	2.20				Dark grey claystone with thin light grey siltstone laminae		
							Top of Box 39		
	113.80	114.25	0.45				Dark grey claystone with light grey siltstone and sandstone laminae		
						375'/114.30			
	114.25	116.04	1.79				Same as above		
							Top of Box 40		
45°	116.04	117.40	1.36				Same as above		
						385'/117.35			
	117.40	118.20	0.80				Same as above		
							Top of Box 41		
	118.20	120.45	2.25				Same as above		
						395'/120.40			
							Top of Box 42		
45°	120.45	122.61	2.16				Dark grey claystone with light grey siltstone laminations and occasional bands, occasional channelling; fish scales		
							Top of Box 43		
	122.61	123.98	1.37				As above with minor soft sediment deformation and worm burrows		
						405'/123.44			
	123.98	124.82	0.84				As above		
							Top of Box 44		
	124.82	126.52	1.70				As above with more regular siltstone banding/broken mottled lystric surfaces		
						415'/126.49			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7803 SHEET No: 10

DATE BEGUN: DEPTH: BEARING: U.T.M.:

DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:

LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
						415'/126.49			
45°	126.52	126.97	0.45				Same as above Top of Box 45		
	126.97	129.21	2.24				Dark grey claystone with very minor siltstone laminations		
							Top of Box 46		
	129.21	129.48	0.27				Same as above		
						425'/129.54			
	129.48	129.81	0.33				Same as above		
	129.81	131.45	1.64				Dark grey claystone with abundant current bands and laminae (light grey siltstone)		
							Top of Box 47		
	131.45	132.64	1.19				Same as above with decreasing number of siltstone bands		
						435'/132.59			
45°	132.64	133.61	0.97				Same as above		
							Top of Box 48		
	133.61	135.81	2.20				Same as above		
						445'/135.64			
							Top of Box 49		
45°	135.81	137.99	2.18				Same as above, lystric surfaces at top of box		
							Top of Box 50		
45°	137.99	138.93	0.94				Same as above with lystric surfaces at marker		
						455'/138.68			
45°	138.93	139.90	0.97				Dark grey claystone with light grey siltstone/sandstone bands and laminae		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7803 SHEET No: 11
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	139.90	141.62	1.72				Top of Box 51 Dark grey claystone with light grey sandstone and siltstone bands and laminae, limestone bands (less than 1 cm) deformed		
						465'/141.73			
	141.62	141.97	.35				Same as above, few siltstone bands		
							Top of Box 52		
	141.97	144.18	2.21				Same as above, siltstone laminae, very minor limestone bands		
							Top of Box 53		
45°	144.18	144.75	.57				Same as above, minor limestone lenses, light grey siltstone laminae, convoluted		
						475'/144.78			
	144.75	146.38	1.63				Same as above, 15 and 75 below mark listric surfaces, fish scales at box bottom Top of Box 54		
	146.38	148.45	2.07				Same as above		
						485'/147.83	Bottom of box		
	148.45	150.64	2.19				Top of Box 55 Dark grey claystone, thin light grey siltstone bands and laminae Top of Box 56		
40°	150.64	150.86	.22				Same as above, with calcareous lenses		
						495'/150.87			
	150.86	152.83	1.97				Same as above		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7803 SHEET No: 12
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 57		
40°	152.83	153.85	1.02				Same as above, listric surfaces at marker 505		
						505'/153.92			
	153.85	154.96	1.11				Same as above, broken core above marker 505		
							Top of Box 58		
	154.96	156.96	2.00				Same as above		
						515'/156.97			
	156.96	157.17	.21				Same as above		
							Top of Box 59		
45°	157.17	159.33	2.16				Same as above, core broken near bottom, listric surfaces		
							Top of Box 60		
	159.33	159.93	.60				Dark grey claystone with minor light grey siltstone-sandstone bands and laminae, calcite filled veinlets near top, broken core, listric surfaces		
						525'/160.02			
	159.93	161.38	1.45				Same as above		
							Top of Box 61		
	161.38	163.46	2.08				Same as above		
						535'/163.07			
45°	163.46	163.51	.05				Same as above		

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(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7803 SHEET No: 13

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 62		
	163.51	165.58	2.07				Dark grey claystone, same as above, friable		
							Top of Box 63		
45°	165.58	165.84	.26				Same as above		
						545'/166.12			
	165.84	166.87	1.03				Same as above		
	166.87	167.74	.87				Dark grey claystone with very thin irregular stringers of light grey material (probable plant remains)		
							Top of Box 64		
	167.74	169.40	1.66				Same as above		
						555'/169.76			
	169.40	170.39	.99				Same as above		
							Top of Box 65		
	170.39	172.36	1.97				Same as above, .53 below top-listric surfaces		
50°						565'/172.21			
							Top of Box 66		
	172.36	173.10	.74				Same as above		
	173.10	174.52	1.42				Dark grey claystone with light grey siltstone bands and laminae, .74 above bottom of box, core broken		

DENISON MINES LIMITED
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DIAMOND DRILL CORE LOG

HOLE No. 7803 SHEET No: 14
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 67		
	174.52	175.51	.99				Same as above		
						575'/175.26			
	175.51	176.63	1.12				Same as above		
							Top of Box 68		
	176.63	178.45	1.82				Dark grey claystone with minor fine grained sandstone/siltstone lamination		
						585'/178.31			
	178.45	178.83	.38				Same as above		
							Top of Box 69		
	178.83	181.04	2.21				Same as above with calcite filled fracture, core angle - 50°		
							Top of Box 70		
	181.04	181.55	.51				Very dark claystone with white light grained sandstone/siltstone bands with disseminated sandstone		
						595'/181.36			
	181.55	183.26	1.71				As above		
							Top of Box 71		
	183.26	184.64	1.38				As above		
						605'/184.40			
	184.64	185.44	.80				As above		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7803 SHEET No: 15

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 72		
40°	185.44	186.06	.62				As above with disseminated pyrite blebs in quartz grains		
	186.06	186.10	.04				Tan siltstone-claystone		
	186.10	186.35	.25				Dark grey-black claystone with pyrite disseminated		
50°	186.35	186.70	.35				Tan calcareous cross-bedding sands -- siltstone, soft sediment deformation with quartz vein at base		
	186.70	187.56	.86				Very dark grey, friable claystone		
							Top of Box 73		
	187.56	187.69	.13				Very dark grey claystone		
						615'/187.45			
	187.69	189.78	2.09				As above		
							Top of Box 74		
	189.78	190.75	.97				As above		
						625'/190.50			
	190.75	191.37	.62				Below marker 625 - broken and ground core, friable as above		
	191.37	191.71	.34				Very broken core, possible core loss as above		
	191.71	191.87	.16				As above		
							Top of Box 75		
	191.87	192.08	.21				Broken ground core		

DENISON MINES LIMITED
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DIAMOND DRILL CORE LOG

HOLE No. 7803 SHEET No: 16

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
45°	192.08	193.49	1.41				As above, dark grey claystone		
						635'/193.55			
	193.49	194.04	.55				As above Top of Box 76		
	194.04	194.14	.10				Grey fine grained siltstone with sandstone laminations, cross-bedding 10 cm thick		
	194.14	196.19	2.05				Dark grey claystone Top of Box 77		
60°									
	196.19	196.47	.28				As above		
						645'/196.60			
	196.47	198.34	1.87				As above, core somewhat broken Top of Box 78		
	198.34	199.59	1.25				As above		
						655'/199.64			
50°	199.59	200.56	.97				As above, more light grey siltstone Top of Box 79		
	200.56	202.67	2.11				As above		
						665'/202.69			
	202.67	202.74	.07				As above		
							Top of Box 80		
50°	202.74	204.98	2.24				Dark grey claystone with occasional light grey siltstone band Top of Box 81		
	204.98	205.62	.64				As above		
	205.62	205.71	0.09				Broken core, as above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7803 SHEET No: 17
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
						675'/205.74			
	205.71	207.14	1.43				Same as above, dark grey claystone		
							Top of Box 82		
	207.14	208.78	1.64				Dark grey claystone		
						685'/208.78			
25°	208.78	209.34	0.56				As above		
							Top of Box 83		
	209.34	211.37	2.03				As above		
							Top of Box 84		
	211.37	211.56	0.19				Dark grey claystone		
						695'/211.84			
	211.56	213.57	2.01				As above		
							Top of Box 85		
	213.57	214.68	1.11				As above		
						705'/214.88			
	214.88	215.80	1.12				As above		

DENISON MINES LIMITED
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DIAMOND DRILL CORE LOG

HOLE No. 7803 SHEET No: 18

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
35°							Top of Box 86		
	215.80	217.75	1.95				Dark grey claystone		
						715'/217.93			
	217.75	217.96	0.31				As above, a fish scale		
							Top of Box 87		
	217.96	220.17	2.21				As above		
45°							Top of Box 88		
	220.17	220.78	.61			725'/270.98	Dark grey claystone		
	220.78	221.90	1.12				Dark grey claystone, with light grey siltstone, siltstone laminae bands		
	221.90	222.29	0.39				Grey silty claystone		
	222.29	222.37	.08				Dark grey claystone		
							Top of Box 89		
	222.37	223.96	1.59				Dark grey claystone		
						735'/274.03			
	223.96	224.57	0.61				As above		

DENISON MINES LIMITED
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DIAMOND DRILL CORE LOG

HOLE No. 7803 SHEET No: 19

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 90		
	224.57	226.77	2.20				Dark grey claystone, light grey siltstone bands and laminations		
							Top of Box 91		
	226.77	227.03	0.26				As above		
						745'/227.08			
	227.03	228.51	1.48				Dark grey claystone (as above)		
40°	228.51	228.62	0.11				Tan siltstone minor calcite veining		
	228.62	229.02	0.40				Dark grey claystone, with light grey siltstone bands		
							Top of Box 92		
	229.02	230.09	1.07				Dark grey claystone		
						755'/230.12			
	230.09	231.21	1.12				As above		
							Top of Box 93		
	231.21	233.12	1.91				As above		
						765'/233.17			
	233.12	233.40	0.28				As above		

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DIAMOND DRILL CORE LOG

HOLE No: 7803 SHEET No: 20

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 94		
	233.40	235.56	2.16				As above		
							Top of Box 95		
	235.56	236.24	0.68				As above		
						775'/236.22			
40°	236.24	237.77	1.53				Dark grey claystone (as above)		
							Top of Box 96		
	237.77	239.27	1.50				As above		
						785'/239.27			
	239.27	240.00	0.73				AS above		
							Top of Box 97		
40°	240.00	242.20	2.20				Dark grey claystone, light grey siltstone bands		
							Top of Box 98		
	242.20	242.32	0.12				As above		
						795'/242.32			
	242.32	244.37	2.05				As above		

DENISON MINES LIMITED
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DIAMOND DRILL CORE LOG

HOLE No. 7803 SHEET No: 21

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							Top of Box 99		
	244.37	245.56	1.19				Dark grey claystone (as above)		
						805'/245.36			
	245.56	246.51	0.95				AS above		
							Top of Box 100		
	246.51	248.43	1.92				Dark grey claystone with light grey siltstone bands		
						815'/248.41			
	248.43	248.66	0.23				As above		
40°	248.66	250.82	2.16				Top of Box 101 - As above		
							Top of Box 102		
	250.82	251.50	0.68				As above		
						825'/251.46			
	251.50	252.98	1.48				As above		
							Top of Box 103		
	252.98	254.62	1.64				Dark grey claystone light grey siltstone with laminae		
						835'/254.51			
	254.62	255.22	0.60				As above		

DENISON MINES LIMITED
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DIAMOND DRILL CORE LOG

HOLE No. 7803 SHEET No: 22
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 104		
45°	255.22	257.48	2.26				Dark grey claystone (as above)		
						845'/257.56			
							Top of Box 105		
	257.48	259.65	2.17				AS above		
							Top of Box 106		
	259.65	260.64	0.99				AS above		
						855'/260.60			
	260.64	261.85	1.21				AS above		
45°							Top of Box 107		
	261.85	263.62	1.77				Dark grey claystone (as above)		
						865'/263.65			
	263.62	264.04	0.42				As above		
							Top of Box 108		
	264.04	266.20	2.16				Dark grey Claystone with light grey siltstone band with laminae		
							Top of Box 109		
	266.20	266.76	0.56				AS above		
40°						875'/266.70			
	266.76	268.24	1.48				As above		

DENISON MINES LIMITED
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DIAMOND DRILL CORE LOG

HOLE No. 7803 SHEET No: 23

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 110		
	268.24	269.67	1.43				Dark grey claystone with light grey siltstone bands laminae		
						885'/269.75			
	269.67	270.47	0.80				As above		
							Top of Box 111		
	270.47	270.69	0.22				Dark grey claystone		
	270.69	270.72	0.03				Tan siltstone		
450	270.72	272.63	1.91				Dark grey claystone		
							Top of Box 112		
	272.63	274.83	2.20				As above with fish scales		
							Top of Box 113		
	274.83	275.74	0.91				AS above		
						905'/275.84			
	275.74	277.00	1.26				AS above		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7803 SHEET No: 24

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 114		
	277.00	277.23	0.23				AS above but broken core		
	277.23	277.99	0.76				Dark grey claystone (as above) relatively unbroken		
	277.99	278.17	0.18				Broken core (as above)		
	278.17	278.61	0.44			915'/278.89			
40°	278.61	279.15	0.54				Dark grey claystone (as above)		
							Top of Box 115		
						923.5'/281.98			
	279.15	281.34	2.19						
							Top of Box 116		
45°	281.34	283.54	2.20				As above		
							Top of Box 117		
	283.54	284.42	0.88				Dark grey claystone as above		
						934'/284.68			
	284.42	285.73	1.31				As above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7803 SHEET No: 25
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 118		
	285.73	286.69	0.96				Dark grey claystone (as above)		
						941'/286.82			
45°	286.69	287.91	1.22				Top of Box 119		
	287.91	287.96	0.05				As above		
						945'/288.04			
40°	287.96	290.04	2.08				AS above		
							Top of Box 120		
	290.04	290.97	.93				As above		
						955'/297.08			
	290.97	292.17	1.20			958'/292.00	Dark grey claystone Top of Box 121		
	292.17	294.30	2.13			965'/294.13			
							Top of Box 122		
	294.30	294.73	0.43						
						967'/294.74			
	294.73	295.31	0.58						
							END OF HOLE		

BELCOURT PROJECT

MINING SECTION SUMMARY

Hole No. BD 7804 **Bearing** 210° **Angle** 65° **Total Depth** 117.16 m

Coordinates 42179.22 N - 80750.00 E **Collar Elevation** 1389.34 m

Seam	Zone	Elevation (base)	Drilled Interval	True Thickness	Coal/Rock	Core Recovery%	Sample I.D.

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7804 SHEET No: 1
DATE BEGUN: Aug. 07/78 DEPTH: BEARING: 210° U.T.M.:
DATE FINISHED: Aug. 09/78 ELEV. COLLAR: TOTAL DEPTH: 117.6M COAL LICENSE:
LAT.: HOLE ANGLE: 65° LOGGED BY: F. B. Gigliotti CORE SIZE: HQ

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	0	33.61	CASING				Top of Box 1		
55°	33.61	34.11	0.05				Claystone- dark grey, friable, minor white and red stain mostly on bed surface.		
		34.27	0.16				Siltstone- light brown and greyish interbeds to 1 cm.		
		35.05	0.78			115'/35.05			
	35.05	35.73	0.68				Claystone- Dark grey, friable abundant fine grained sandstone interbeds, 1 cm thick		
							Top of Box 2		
		37.85	2.12						
							Top of Box 3		
		38.10	0.25			125'/38.10			
		39.62	1.52			130'/39.62			
		39.76	0.14						
	39.76	39.95	0.19				Sandstone- Dark grey well indurated		
							Top of Box 4		
		41.15	1.20			135'/41.15			
		41.95	0.80						
							Top of Box 5		
	41.95	42.59	0.64			140'/42.67	Claystone- Dark grey, frequent fine grained sandstone up to 1 cm thick		
		44.04	1.45						
45°		44.20	0.16			145'/44.20	Top of Box 6		
		45.66	1.46			150'/45.72			
		46.15	0.49						
							Top of Box 7		
		47.19	1.04			155'/47.24			

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7804 SHEET No: 2
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		48.29	1.10						
							Top of Box 8		
		48.77	0.48			160/48.77			
		50.23	1.46				approximately 0.4M broken up.		
							Top of Box 9		
						165/50.29			
45°		51.68	1.45						
	51.68	51.82	0.14			170/51.82	Claystone- Dark grey, fairly well indurated, frequent thin fine grained sandstone interbeds up to 1 cm thick, minor calcite lines.		
							Top of Box 10		
		53.34	0.96			175/53.34			
		54.51	1.17				Top of Box 11		
		54.94	0.40			180/54.86			
		56.55	1.61			185/56.39			
		56.61	0.06				occasional listric surfaces on bed planes.		
							Top of Box 12		
		58.13	1.52			191 58.22			
45°		58.73	0.60						
							Top of Box 13		
		59.76	1.03			196/59.74			
		60.89	1.13						
							Top of Box 14		
		61.21	0.32			201/61.26	same as above with frequent calcite clasts and lines.		
		62.75	1.54			206/62.75			
		63.05	0.30						

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7804 SHEET No: 3

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 15		
	63.05	64.25	1.20			211'/64.31			
45°	64.25	65.17	0.92				Frequent contort calcite fragments and lines		
							Top of Box 16		
	65.17	65.84	0.67			216'/65.84			
	65.84	67.30	1.46						
							Top of Box 17		
	67.30	67.35	0.05			221'/67.36	Claystone, dark grey		
	67.35	68.83	1.48			226'/68.88	This unit is characterized by the relative abundance of calcareous fragments and lenses		
	68.83	69.49	0.66						
							Top of Box 18 Claystone		
						231'/70.41			
	69.49	70.37	0.88				Frequent calcite lines and fragments		
	70.37	71.60	1.23				occasional fine grained sandstone interbeds (1 cm)		
							Top of Box 19		
	71.60	71.83	0.23			236'/71.93	minor calcite on bed surface		
	71.83	73.40	1.57			241'/73.46			
	73.40	73.73	0.33						
							Top of Box 20		
	73.73	74.79	1.06			246'/74.98	calcite fragments and lines as above		
42°	74.79	75.85	1.06				occasional listric surface on bed planes, occasional hairline fractures perpendicular to bed filled with calcite		
							Top of Box 21		
	75.85	77.74	1.89			256'/78.03			
	77.74	78.02	0.28						
							Top of Box 22		
	78.02	79.36	1.34			261'/79.55	Fractured listric surfaces		
40°	79.36	80.13	0.77				20° to bedding		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7804 SHEET No: 4

DATE BEGUN: DEPTH: BEARING: U.T.M.:

DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:

LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 23		
	80.13	80.87	0.74			266'/81.08			
	80.87	82.35	1.48				Listric surface on bed surfaces, calcite fractures 80° to bedding in siltstone interbed to (1.10 m)		
							Top of Box 24		
	82.35	82.49	0.14			271'/82.60	Fairly well indurated claystone		
	82.49	83.82	1.33			276'/84.12	Few calcite lines		
	83.82	84.56	0.74						
							Top of Box 25		
46°	84.56	85.00	0.44				Fractured surface (listric) 70° to bed		
	85.00	85.46	0.46			281'/85.65	Broken , probable loss		
	85.46	86.77	1.31				Farily well indurated claystone		
							Top of Box 26		
	86.77	87.02	0.25			286'/87.17			
	87.02	88.63	1.61			291'/88.70	possible fracture, occasional calcite interbeds		
	88.63	88.99	0.36				less than 1 cm		
							Top of Box 27		
	88.99	90.25	1.26			296'/90.22			
	90.25	91.16	0.91				Monotonous, no internal structure visible, minor hairline calcite filled fracture		
							Top of Box 28		
	91.16	91.76	0.60			301'/91.74			
46°	91.76	93.27	1.51				Fracture at 48° to bedding near top		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7804 SHEET No: 5
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 29		
	93.27	93.41	0.14			306'/93.27	Fracture listric surface, 80° to bedding, occasional lines and		
	93.41	94.85	1.44			311'/94.79	fragments		
	94.85	95.41	0.56						
							Top of Box 30		
	95.41	96.41	1.00			216'/96.32			
	96.41	97.58	1.17						
							Top of Box 31		
	97.58	97.93	0.35			321'/97.84	Quite friable		
	97.93	99.58	1.65			326'/99.36			
							Top of Box 32		
	99.75	101.02	1.27			331'/100.89	Claystone/siltstone		
45°	101.02	101.95	0.93				0.2 m siltstone halfway through the Box, no internal structure (occasional fine grained sandstone beds)		
							Top of Box 33		
	101.95	102.65	0.70			336'/102.41			
	102.65	103.89	1.24			340'/103.63	Siltier towards bottom of box, fractures at steep angle to bed		
							Top of Box 34		
	104.04	105.52	1.48			345'/105.16	Silty claystone, few Ø 3.0 cm pyrite blebs halfway through section		
56°	105.52	106.22	0.70				Fracturing parallel to core axis		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7804 SHEET No: 6
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 35		
	106.22	106.97	0.75			350'/106.68			
	106.97	107.87	0.90				Claystone, dark grey indurated		
44°	107.87	108.37	0.50				Fine grained sandstone, fracture at steep angle to bedding, grey calcite on fracture surfaces, fracture pairs, steep angles to bed (80°), listric surfaces parallel to bed		
							Top of Box 36		
38°	108.37	110.14	1.77			361'/110.03	Silty claystone (* measured on listric surface) listric bed surfaces, Dark grey		
	110.14	110.52	0.38						
							Top of Box 37		
	110.52	111.66	1.14			366'/111.56	Claystone, dark grey, friable, occasional silty brown interbeds up to 0.18 m thick, relatively broken		
44°	111.66	112.71	1.05						
							Top of Box 38		
	112.71	113.22	0.51			371'/113.08			
	113.22	114.81	1.59				Claystone, dark grey, well indurated, bedding unclear, fracture with listric surfaces, 20 - 40° from core axis, core broken, possible loss		
							Top of Box 39		
59°						376'/114.60			
	114.81	116.25	1.44			381'/116.13	Some silty sections, apparent fracture parallel to core axis, no internal strucutre visible		
	116.25	116.98	0.73						
							Top of Box 40		
	116.98	117.65	0.67			386'/117.65			
							END OF HOLE		

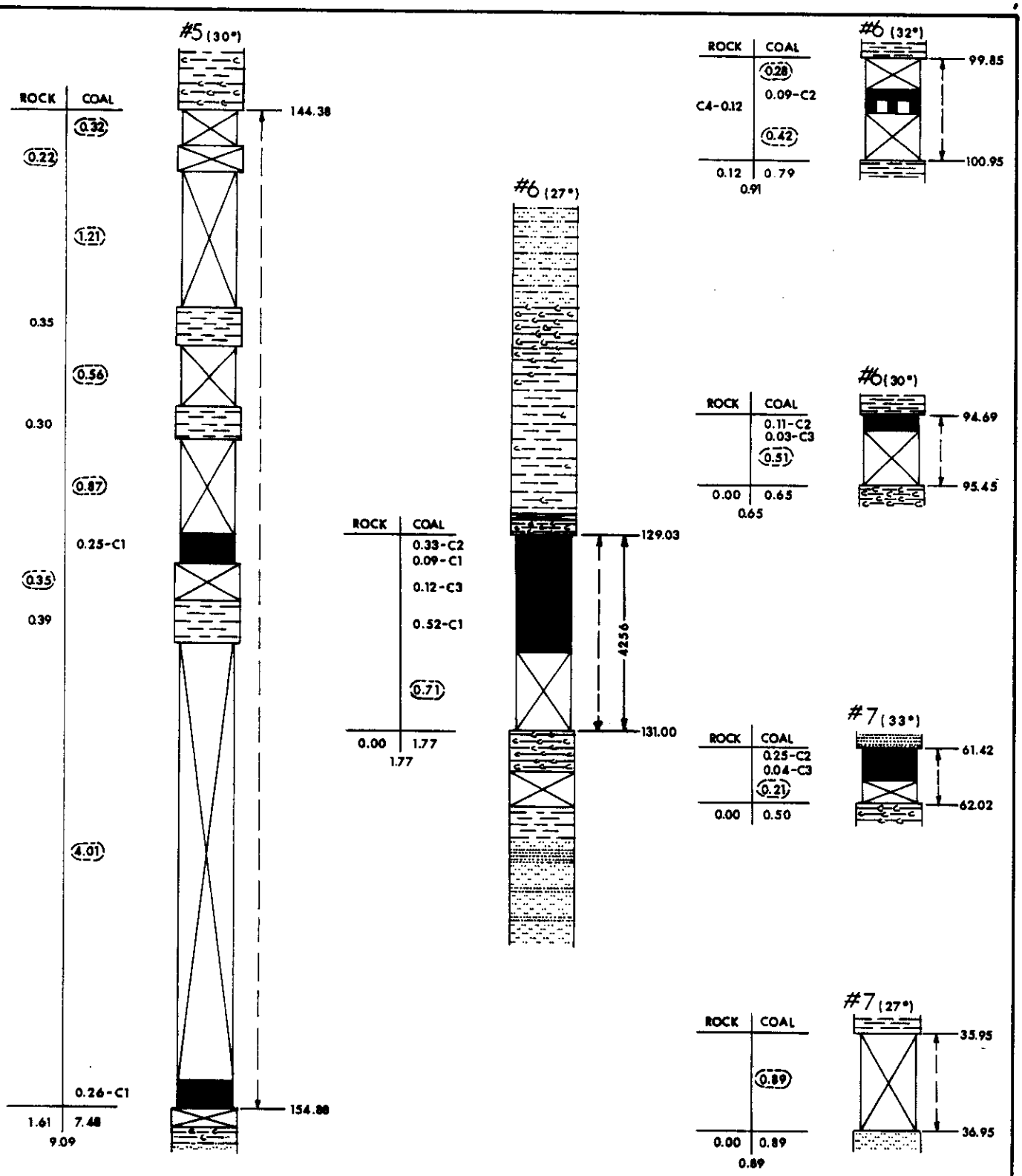
BELCOURT PROJECT

MINING SECTION SUMMARY

Hole No. BD 7305 Bearing 217° Angle 68° Total Depth 434.83 m

Coordinates 42162.40 N - 79652.46 E Collar Elevation 1488.02 m

Seam	Zone	Elevation (base)	Drilled Interval	True Thickness	Coal/Rock	Core Recovery%	Sample I.D.
5		1344.42	144.38 - 154.88	9.09	7.48/1.61	16.1	
	6	1366.56	129.03 - 131.00	1.77	1.77/0.00	64.0	4256
	6	1394.42	99.85 - 100.95	0.91	0.79/0.12	23.1	
	6	1399.52	94.69 - 95.45	0.65	0.65/0.00	21.5	
	7	1430.52	61.42 - 62.02	0.50	0.50/0.00	58.0	
	7	1453.76	35.95 - 36.95	0.89	0.89/0.00	0.00	
				13.81			



DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

BELCOURT

SEAM DETAILS

BD 7805

DRAWN BY: J. H.	DATE: FEB. 1979	SCALE: 1 : 50	
PREPARED BY: I. D.	DATE: - -	DRAWING NUMBER	
APPROVED BY: G.P.G.	DATE: - -	DCR.79-0827-B01	

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7805 SHEET No: 1
DATE BEGUN: Aug. 14/78 DEPTH: BEARING: 217° U.T.M.: 60LIZZION 679640E
DATE FINISHED: Aug. 31/78 ELEV. COLLAR: TOTAL DEPTH: 434.8 COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: I.Delas/B.P.Flynn CORE SIZE: HQ

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 1		
	0	10.14					Casing		
	10.14	11.39	125		34†	/10.36	Sandstone, fine to medium grain, grey, laminae, crossbedded, bioturbated, minor plant fragments, sandstone indurated, oxidized.		
		11.97	58				As above, plant fragment more abundant.		
		12.10	13				Sandstone, fine to medium grain, grey with black silt, laminae, hard.		
							Top of Box 2		
		12.60	50				Sandstone, medium grain, dark grey, silt, laminae, indurated calcareous.		
47°	12.60	13.04	44				Shalestone (rootlet bed), abundant plant fragments, grey to dark grey, lower 18 cm hard, indurated, bioturbated.		
	13.04	13.69	65				Sandstone, fine grain, grey with dark silty laminae, laminae parallel to contorted, silty, minor calcite veins, calcareous.		
	13.69	14.21	52				Siltstone, grey (rootlet bed) abundant plant fragments, bioturbated, core crumbly.		
							Top of Box 3		
		14.37	16				As above, plant fragments less abundant lower 14 cm.		
	14.37	15.07	70				Sandstone, fine grain, grey, dark grey silty, laminae, some bioturbation, minor rootlet beds, contact with upper unit.		

DENISON MINES LIMITED (COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7805 SHEET No: 2

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							gradation, some oxidation surfaces.		
	15.07	15.43	36				Siltstone, clayey (rootlet bed) abundant plant fragments, bioturbated.		
					53'/16.15				
		15.59	16				As above		
	15.59	15.74	15				Core loss		
	15.74	16.04	30				Shalestone, dark grey, some lime, highly fragmented due to weather, tricore from marker 55 to 70.		
					55'/16.76		70'/21.336		
	16.04	20.62	458				Core Loss		
	20.62	20.73	11				Sandstone, boulders overburden?		
							Top of Box 4		
		20.89	16				Sandstone, inter laminated, silt beds, grey.		
	20.89	21.23	34				Shalestone, clayey, abundant plant fragments, macetered, soft, grey brown, some oxidated surfaces.		
	21.23	21.77	54				Claystone, slightly silty, grey, some fine silt laminae, bioturbated, fragmented due to weather.		
	21.77	21.96	19				Siltstone, sandy, dark grey, abundant plant fragments, bioturbated, carbonaceous, some lime staining, abrupt contact above and below.		
	21.96	22.35	39		75'/22.86		Claystone, silty, dark grey, fragmented due to weather, calcareous.		
	22.35	22.48	13				Siltstone, dark grey, carbonaceous.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7805 SHEET No: 3

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	22.48	22.84	36				Sandstone, fine grain, grey, siltier towards top.		
							Top of Box 5		
	22.84	23.14	30				Siltstone, dark grey, indurated, calcareous, F.C.A. 85°, lime along fracture surfaces.		
		23.57	43				Siltstone, dark grey, some lighter sandy laminae, minor ripple clasts carbonaceous, minor plant fragments-		
		24.17	60				Siltstone, slightly sandy, dark grey, some light grey contrast, sandstone, laminae, plant fragments, calcareous, highly contorted laminae.		
	24.17	24.33	16				Claystone, silty, dark grey, transitional to upper and lower unit.		
	24.33	25.01	68				Siltstone, dark grey, some light grey, fine grain, sandstone laminae contorted, bioturbated, mottled, very calcareous.		
							Top of Box 6		
		25.33	32		85	25.91	As above		
29°	25.33	25.81	48				Sandstone, fine grain, laminae, dark grey, with silty laminae, purple laminae.		
	25.81	26.01	20				Siltstone, dark grey, plant fragments, minor.		
	26.01	26.87	86				Sandstone, fine to medium grain, medium grey, dark grey, silt laminae, parallel, lenticular and wavey laminae, bioturbated over lower 10 cm.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7805 SHEET No: 4
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
27°							venticular bedding, calcareous.		
		27.19	32				Sandstone, medium to coarse grain, dark grey, silty laminae, contact abrupt with lower unit, gradation with upper minor calcite fraction.		
							Top of Box 7		
		28.49	130				Sandstone, very fine grain, interlaminae with dark grey siltstone, scarce worm burrows, cross laminae, ripple laminae, soft sediment deformation, plant fragments on silt laminae, very calcareous.		
		28.52	03				Sandstone, fine grain, dark grey to black, silt laminae, cross laminae.		
					95'/28.96				
		29.15	63				As above, F.C.A. 85°, fracture filled with calcite 2mm thick.		
							Top of Box 8		
	29.15	29.58	43				Claystone, dark grey, plant fragments, come coalified fragments.		
	29.58	31.24	166				Sandstone, fine grain, grey, interlaminae with dark gray siltstone, cross laminae, ripple laminae, minor step faulting (soft sediment deformation) unit becomes slightly coarser grain in bottom ½, calcareous.		
							Top of Box 9		
	31.24	31.37	13				Claystone, silty dark grey, carbonaceous.		
					105'/32.00				

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7805 SHEET No: 5
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		32.10	73				As above		
	32.10	33.40	130				Sandstone, medium grain, grey, interlaminae dark grey silt, coalified plant fragments, F.C.A. 85°, large fracture filled with calcite and quartz crystals, shearing high and low angle fractures 85-50.		
							Top of Box 10		
		33.54	14				As above		
	33.54	34.46	92				Siltstone, sandy, grey, with dark grey clay laminae, laminae contorted, soft sediment deformation, ripple laminae, calcite filled fractures, F.C.A. 80o, main fracture 47° with minor horsetail fractures, calcite filled.		
					115	35.05			
		35.34	88				As above		
	35.34	35.46	12				Claystone, silty, dark grey, carbonaceous, plant fragments, coalified fragments.		
							Top of Box 11		
	35.46	35.95	49				As above, becoming siltier towards base.		
	35.95	36.95	100				Coal loss (c-4)		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7805 SHEET No: 6

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
					124'/37.80				
	36.95	37.64	69				Siltstone, dark grey, plant fragments in top 20 cm, absent over lower part of unit, unit indurated.		
							Top of Box 12		
		37.82	18				As above.		
		37.91	09				Siltstone, brown grey, indurated, very hard, biodurated, indurated mud.		
		38.03	12				Shalestone, clayey, carbonaceous, plant fragments.		
	38.03	38.09	06				Coal (C^2)		
	38.09	38.71	62		128'/39.01		Claystone, Loss.		
		39.03	32				Claystone, slightly silty, dark grey, plant fragments.		
27°	39.03	40.41	138				Sandstone, fine grain, grey with dark grey silt laminae sandstone, minor faulting.		
							Top of Box 13		
		40.46	05		135'/41.15		As above, Sandstone		
		42.58	212				As above. Lower 30 clay laminae dominant.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7805 SHEET No: 7

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 14		
22°		43.47	89				Sandstone, fine to medium grain, grey with moderate dark grey silty clay laminae, cross laminae sandstone, minor coalified fragments.		
					145'/4420				
		43.54	07				As above		
	43.54	43.73	19				Claystone, bioturbated, lystric surfaces, carbonaceous, plant fragments.		
	43.73	44.71	98				Sandstone, fine grain, with dark grey silty clay laminae, cross laminae, contorted laminae, sandstone lower 20 cm, very clayey, abundant plant fragments.		
							Top of Box 15		
		45.85	114				Sandstone, fine grain, grey, laminae, interlaminae, clayey bed, abundant plant fragments, sandstone, rip up clasts.		
	45.85	46.58	73				Siltstone, dark grey, indurated, very hard, some minor dark grey laminae, minor coalified fragments.		
					155'/47.24				
		46.81	23				As above		
							Top of Box 16		
27°	46.81	48.90	209				Sandstone, fine grain, grey, interbedded and interlaminae with dark grey siltstone, cross laminae, ripple laminae, sandstone, rip up clasts, becomes sandier and more indurated towards base.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7805 SHEET No: 8
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 17		
		49.15	25				As above		
	49.15	49.74	59		165'/50.29		Siltstone, clayey, dark grey, abundant plant fragments.		
		50.18	44				Siltstone, (rootlet bed) bioturbation, grey.		
		50.91	73				Siltstone, clayey, some plant fragments, soft, lower 12 cm coaly claystone.		
		51.06	15				Siltstone, abundant plant fragments.		
							Top of Box 18		
		51.17	11				As above		
31°	51.17	51.67	50				Sandstone, fine grain, minor dark grey siltstone laminae.		
	51.67	51.85	18				Coal Loss.		
	51.85	52.24	39				Siltstone, grey, with dark grey clay laminae, becoming silty laminae at bottom.		
	52.24	52.76	52		157'/53.34		Sandstone, medium grey, salt and pepper, plant fragments, cross bedded, minor rip up clasts, minor calcite veining.		
		53.44	68				As above, Salt and pepper.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7805 SHEET No: 9
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 19		
36°		54.06	62				As above, unit becomes fin grained laminae at base.		
	54.06	54.37	31				Siltstone, grey, rip up clasts, indurated, calcareous.		
	54.37	54.50	13				Claystone, dark grey, carbonaceous.		
					181'	/55.17			
		55.25	75				As above, unit becomes siltier from 31 to 53. Core broken at base of unit possible core loss.		
	55.25	55.65	40				Coal loss.		
							Top of Box 20		
	55.65	56.08	43				As above, abundant coalified plant fragments, some coal laminae 19 cm above base, silty.		
	56.08	56.52	44				Sandstone, very fine grain, interlaminae with dark grey silty clay, laminae beds, sandstone moderate plant fragments.		
					189'	/59.61			
		57.73	121				As above, abundant plant fragments, plant fossils, coalified plant fragments, noncalcareous, carbonaceous.		
							Top of Box 21		
	57.73	58.21	48				Claystone, silty, dark grey.		
	58.21	58.31	10				Siltstone, grey, plant fragments, slightly carbonaceous.		
	58.31	58.45	14				Coal loss (C-4)		
	58.45	58.8	36				Claystone, dark grey, carbonaceous, plant fragments, some coalified.		
	58.81	59.16	35				Siltstone, grey, plant fragments.		
	59.16	59.46	30				Coal Loss.		
	59.46	59.80	34				Claystone, silty, dark grey, plant fragments, coalified fragments, carbonaceous.		
		60.00	20				Claystone, carbonaceous, 2cm coal laminae, plant fragments.		
		60.17	17				Claystone, dark grey, light grey silt laminae, carbonaceous, minor coalified fragments.		

DENISON MINES LIMITED
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DIAMOND DRILL CORE LOG

HOLE No: BD 7805 SHEET No: 10
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 22		
	60.17	60.42	25				Claystone, dark grey, partly carbonaceous, with coal inclusion.		
37°	60.42	61.42	100				Sandstone, fine grain, cross bedded, laminae and occasional coal strings at base.		
					205'/62.48				
	61.42	61.50	08				C2		
	61.50	61.55	05				C3		
33°	61.55	61.77	22				C2		
	61.77	62.02	25				Coal loss		
	62.02	62.28	26				Coaly claystone, sheared and highly broken at top.		
		62.57	29				Core Loss.		
		62.71	14				Carbonaceous claystone, some stringers of coal.		
							Top of Box 23		
		62.86	15				As above.		
28°	62.86	63.03	17				Sandstone, fine grain, carbonaceous, irregular bedding.		
	63.03	63.39	36				Claystone, dark grey, with carbonaceous fragments, sideritic and limonite concretions.		
	63.39	63.75	36				Sandstone, fine grain, with silty bands, irregular cross bedding.		
	63.75	63.96	21				Claystone, as claystone before.		
	63.96	64.49	53				Siltstone, with sandy bands, irregular and cross bedded		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7805 SHEET No: 11
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKness True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 24		
	64.49	64.54	05				Siltstone, sandy, dark grey, bioturbated, mottled. Some light grey, fine grain, sandstone laminae, wavey laminae, some rip up clasts. (brown nodules of indurated siltstone.).		
		66.16	162		215'	/65.53	As above. F.C.A. 55°. fractures calcite filled, fracture at 59 cm from top of unit.		
	66.16	66.68	52				Claystone, silty, dark grey, some contortions, light grey siltstone, laminae, sandstone, indurated brown siltstone clasts.		
							Top of Box 25		
		67.68	100		225'	/68.58	As above, becomes more silty towards base of unit.		
		67.77	09				As above		
	67.77	67.92	15				Core loss		
	67.92	68.17	25				Claystone, dark grey, black, coal laminae, plant fragments, carbonaceous.		

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DIAMOND DRILL CORE LOG

HOLE No: BD 7805 SHEET No: 12
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	68.17	68.69	52				Claystone, dark grey, black, abundant plant pilant fragments, similar to above but no coal laminae, carbonaceous.		
	68.69	68.98	29				Siltstone, clayey,dark grey, laminae, contorted laminae.		
							Top of Box 26		
32°		70.08	110				As above. Some coal laminae at 25 cm from top, slightly calcareous.		
	70.08	70.20	12				Sandstone, coarse grain, grey, some carbonaceous silt laminae.		
	70.20	70.26	06				Conglomerate, pebbles up to 1.5 cm, matrix, calcareous.		
	70.26	70.73	47				Sandstone, medium to coarse grain, grey, calcareous, salt and pepper cross bedded, very coarse grain sandstone at base.		
					235'/71.63				
		70.85	12				As above, erosional contact at base.		
	70.85	71.13	28				Siltstone, dark grey.		
							Top of Box 27		
		71.18	05				As above		
		72.24	106				Siltstone, sandy, dark grey, becomes laminae at base, indurated, calcareous, upper part of unit is sandy.		
		72.96	72				Siltstone, clayey, dark grey, massive.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7805 SHEET No: 13

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	72.96	73.30	34				Claystone, silty, dark grey, structureless fragments due to exposure.		
							Top of Box 28		
		73.51	21				As above		
	73.51	73.73	22				Core loss.		
	73.73	73.77	04				Siltstone, dark grey, sandstone, brown siltstone clasts, bedding deformed.		
					245'	74.68			
34°		74.82	105				As above, becomes sandy from 49 to 76 from top.		
	74.82	75.49	67				Claystone, silty, dark grey to black, carbonaceous, minor lystric surfaces, minor plant fragments.		
							Top of Box 29		
		75.59	10				As above.		
23°	75.59	77.48	189				Sandstone, fine grain, grey, very bioturbated, mottled, becomes laminae over lower 70 cm unit sandy at bottom. Plant fragments, coalified fragments, sandstone calcite filled fracture at 100 cm from top. F.C.A. 80°.		
	77.48	77.65	17				Siltstone, dark grey, clayey, some laminae, calcite filled fractures.		

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DIAMOND DRILL CORE LOG

HOLE No: BD 7805 SHEET No: 14
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 30		
		79.77	212				As above, minor displacement along fracture, plant fragments, lystric surfaces, sheared, C.A. 20°, carbonaceous, calcareous, possible core loss at 66 cm from top and 110 from bottom.		
							Top of Box 31		
		79.90	13				As above.		
						265'/80.77			
		80.79	89				As above.		
	80.79	81.70	91				Claystone, silty, dark grey, some silt laminae, plant fragments, coalified fragments 3 cm thick, carbonaceous.		
		81.87	17				Claystone, abundant plant fragments, dark grey to black, similar to above but less indurated.		
							Top of Box 32		
		82.03	16				Claystone, dark grey to black, plant fragments, lystric surfaces sheared.		
		82.50	47				As above, no shearing.		
	82.50	82.80	30				Siltstone, dark grey, rootlet bed? bioturbated, carbonaceous.		
						275'/83.82			
		83.54	74				As above, carbonaceous, plant fragments.		

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DIAMOND DRILL CORE LOG

HOLE No. BD 7805 SHEET No: 15
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	83.54	83.99	45				Claystone, dark grey, black, very carbonaceous, lystric surfaces, S.C.A. 0°, some coal lenses. Core broken possible loss.		
							Top of Box 33		
		84.16	17				As above, Core broken.		
		85.53	137				Claystone, grey to dark grey, plant fragments, siltier at 58 cm to base.		
	85.53	85.81	28				Shalestone, clayey, appears bioturbated, grey, mottled.		
					285'/86.87				
		86.18	37				As above.		
							Top of Box 34		
		87.74	156				Siltstone, dark grey, massive, plant fragments scarce, very minor clacite fracture fills, possibly some bioturbation.		
		88.34	60				Siltstone, dark grey, clayey laminae, plant fragments abundant.		
							Top of Box 35		
		88.88	54				As above.		
					295'/89.92				
27°		90.49	161				As above, calcareous.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7805 SHEET No: 16
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 36		
	90.49	90.58	09				As above.		
	90.58	90.95	37				Claystone, silty, dark grey, plant fragments, coalified fragments 2 cm, unit becomes silty at bottom.		
28°	90.95	91.89	94				Sandstone, fine grain, grey, dark grey siltstone laminae, sandstone wavey and contorted bedding, calcareous, minor plant fragments, shale laminae.		
					305'/92.96				
		92.60	71				As above, sand laminae less predominant, minor shearing along clay laminae, 2 cm calcite vein parallel to bedding.		
		92.62	02				Sandstone, fine to medium grain, grey, sparce dark grey, clay laminae, some sandstone, plant fragments, minor coalified fragments, indurated, calcareous.		
							Top of Box 37		
		94.13	151				As above, becomes more silty in bottom 10 cm.		
	94.13	94.56	43				Claystone, dark grey, abundant plant fragments, top of unit sheared, lystric surfaces, possible core loss.		
	94.56	94.69	13				Core loss, claystone.		
	94.69	94.82	13				Coal, disintegrated, possible c2.		
							Top of Box 38		
	94.82	94.86	04				Coal, C3.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7805 SHEET No: 17

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	94.86	95.45	59		315'/96.01		Coal loss.		
	95.45	95.73	28				Claystone, dark grey, very carbonaceous, lystric surfaces, coaly possible core loss.		
	95.73	95.78	05				Claystone, coaly.		
	95.78	95.83	05				Coal, sheared C_3 with 1 cm band of C'		
35°	95.83	97.16	133				Siltstone, dark grey, interbedded and interlaminae with claystone dark grey, plant fragments, calcareous, minor calcite veining, some sandstone upper 46 cm, good plant fossils.		
							Top of Box 39		
	97.16	97.29	13				Claystone, black, fractures, 2mm calcite fracture filling, main fracture parallel with core axis, calcareous.		
		97.39	10		324.5'/98.91		As above, very broken, possible core loss, calcareous.		
38°	97.39	99.15	176				Siltstone, dark grey, interbedded and interlaminae with claystone, dark grey to black, some sandstone top of unit has same calcite filled fractures as units above 30 cm long, sparse calcite filled fractures F.C.A. 65°. Plant fragments, coalified fragments calcareous.		
							Top of Box 40		
		99.55	40				As above		

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(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7805 SHEET No: 18
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	99.55	99.85	30		332'/101.1		Claystone loss.		
	99.85	100.19	34	28			Coal loss.		
	100.19	100.30	11	09			Coal C2, shearing in coal, possible coal loss.		
	100.30	100.45	15	12			C4, coal broken, possibly some interbeds of C2, sheared.		
	100.45	100.95	50	42			Coal loss.		
					335'/102.11				
	100.95	101.32	37				Claystone, dark grey to black, some grey silt laminae minor, abundant plant fragments, carbonaceous..		
		101.78	46				Claystone, black, very carbonaceous, abundant plant fragments, coalified fragments, some lystric surfaces, some minor discontinues coal laminae.		
	101.78	102.30	52				Coaly claystone loss.		
	102.30	102.41	11				Coal loss (C-4)		
	102.41	102.47	06				Coal C4		
		102.49	02				Coal C1		
		102.55	06				Coal C2		
		102.60	05				Coal C3, Very broken.		
	102.60	102.90	30				Claystone, black, very carbonaceous, abundant plant fragments coalified fragments, minor lystric surfaces, core broken, possible loss.		

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DIAMOND DRILL CORE LOG

HOLE No: BD 7805 SHEET No: 19
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 41		
		103.74	84				Claystone, black, carbonaceous, abundant plant fragments, minor coalified fragments, very minor grey silt laminae.		
					344'/104.85				
		105.02	128				As above, very minor calcite vein lower 105, lacks plant fragments and plant fossils, calcareous.		
							Top of Box 42		
30°		105.62	60				As above, no plant fragments.		
		105.88	26				Claystone, silty, carbonaceous, plant fragments, core very broken, possible core loss.		
					352'/107.29				
	105.88	106.10	22				Claystone loss.		
	106.10	106.30	20				Coal C2-C3 Core broken.		
	106.30	106.56	26				Claystone, black, carbonaceous, plant fragments.		
	106.56	106.88	32				Siltstone, grey, plant fragments, bioturbated, rootlet bed.		
	106.88	107.09	21				Claystone, black, carbonaceous, plant fragments, coalified fragments and lenses.		
					355'/108.20				
		107.19	10				As above.		
	107.19	107.47	28				Sandstone, silty, fine grain, dark grey, dark grey clay silt laminae minor, some sandstone calcite filled fractures, F.C.A. 75° very calcareous.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7805 SHEET No: 20

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 43		
		107.90	43				As above, minor calcite veining, very calcareous.		
	107.90	108.27	37				Siltstone, dark grey, interlaminae with black claystone, sandstone.		
	108.27	108.52	25				Claystone, black, carbonaceous, abundant plant fragments, minor coalified fragments.		
	108.52	109.29	77				Siltstone, grey, interbedded and interlaminae with black claystone abundant plant fragments, and fossils, associated with black claystone.		
	109.29	109.69	40				Sandstone, fine grain, grey, with some clay silt laminae, sandstone, very calcareous.		
							Top of Box 44		
		109.96	27				As above, 5 cm, med grain, sandstone beds near base.		
		110.64	68				Sandstone, medium grain, light grey, salt and pepper, calcite filled fractures, F.C.A. 79°, calcite to 3 mm, minor lystric surfaces, minor scattered plant fragments.		
		110.87	23				Sandstone, fine to medium grain, grey, carbonaceous, clayey laminae some cross laminae, calcareous.		
					367 / 111.86				
		111.02	15				As above.		
	111.02	111.36	34				Claystone, black, abundant plant fragments, coalified fragments and		

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DENISON MINES LIMITED
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DIAMOND DRILL CORE LOG

HOLE No. BD 7805 SHEET No: 21
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							lenses erosional contact with upper unit , carbonaceous.		
	111.36	111.59	23				Siltstone, grey, interlaminae with sandstone and claystone, sandstone, cross laminae, very calcareous.		
	111.59	111.92	33				Claystone, black, abundant plant fragments, carbonaceous.		
							Top of Box 45		
		112.30	38				As above, very carbonaceous, coal laminae 3mm thick at base, vitrain sheared contact with lower unit, possible core loss.		
	112.30	112.48	18				Core loss.		
	112.48	112.78	30				Sandstone, fine grain, grey, claystone laminae, calcite filled fractures, F.C.A. 80° , calcareous.		
		113.18	40				Sandstone, medium grain, light grey, salt and pepper, cross bedded continuation of some calcite filled fractures as in upper unit.		
					375'/114.30				
35°		114.00	82				As above.		
	114.00	114.07	07				Claystone, black, carbonaceous, coalified fragments, minor lystric surfaces, core very broken, possible core loss.		
							Top of Box 46		
		115.38	131				Siltstone, grey, with fine grain, sandstone and black clay laminae, 10 to 15 cm, beds of claystone, black, abundant plant fragments.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7805 SHEET No: 22
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							minor coalified fragments and lenses, Sandstone is calcareous.		
	115.38	116.11	73				Sandstone, fine grain, grey, minor silt laminae, minor cross laminae, contorted bedding, shear surface at 57 cm from top/ S.C.A. 30°		
							sparse calcite filled fractures, calcareous.		
					385'/117.35				
							Top of box 47		
		116.49	38				As above, minor calcite veins and stringers.		
24°	116.49	118.24	175				Siltstone, grey, interlaminae with black claystone, laminae minor sandstone.		
							Top of Box 48		
		119.21	97				As above, laminae and interbedded with claystone, minor plant fragments.		
					395'/120.40				
		120.37	116				As above, plant fragments and fossils more abundant, hard, indurated.		
							Top of Box 49		
	120.37	122.22	185				Claystone, silty, black, abundant plant fragments, carbonaceous, minor coaly fragments and lenses. Minor lystric surfaces, calcareous.		
					405'/123.44				
		122.44	22				As above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7805 SHEET No: 23
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 50		
	122.44	122.49	05				As above.		
35°	122.49	122.82	33				Siltstone, clayey, dark grey, interlaminae with black claystone, Plant fragments, carbonaceous, interbedded and interlaminae, wavey laminae, minor sandstone.		
					407 / 124.05				
		124.60	178				As above.		
							Top of Box 51		
		126.72	212				As above, calcareous, cross bedded, wavey bedding, ripple laminae abundant plant fragments in claystone beds, claystone beds 1 to 6 cm.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7805 SHEET No: 24
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 52		
20°	126.72	127.00	28				Claystone, dark grey, with carbonaceous lime, irregular bedding,		
		127.14	14				carbonaceous claystone.		
24°		128.36	122		425/129.54		Claystone as before.		
29°		128.83	47				As above, with coaly stringers at base.		
		128.87	04				Core loss.		
							Top of Box 53		
		129.03	16				Carbonaceous claystone.		
	129.03	129.15	12	11			C2 Coal sheared, broken, partly sheared.		
					429/130.76				
	129.15	129.40	25	22			C2 Coal, sheared, highly broken, partly pulverized.		
27°	129.40	129.50	10	09	431/131.37		C1 Coal, pulverized.		
	129.50	129.63	13	12			C3 highly broken.		
	129.63	130.21	58	52			C1 Partly sheared, highly broken.		
	130.21	131.00	79	71			Coal loss.		
	131.00	131.26	26	23			Carbonaceous claystone, with coal inclusion at top, highly broken.		
					435/132.59				
		131.42	16	14			As above.		
							Top of Box 54		
		131.75	33				Core loss.		
		132.19	44	39			Carbonaceous claystone with some silty bands at the base, sandsto...		
		132.31	12	11			Sandstone, very fine grained, carbonaceous, inclusion, some plant fossils.		
24°		133.81	150	135			Siltstone, with some sandy bands, parallel bed, some carbonaceous limestone.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7805 SHEET No: 25

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 55		
	133.81	134.29	48				Siltstone, dark grey, clayey, indurated, sandstone, plant fragments, interlaminae, black claystone.		
					445'/135.64				
		136.03	174				As above.		
							Top of Box 56		
		136.97	94				As above, minor calcite veining, calcite veining becomes more predominant bottom 20 cm of unit.		
	136.97	137.40	43				Claystone, black, carbonaceous, plant fragments, coalified fragments, lystric surface, possible core loss.		
					455'/138.68				
		137.50	10				As above.		
	137.50	138.37	87				Siltstone, clayey, dark grey, calcite filled fractures, calcite stringers, indurated, F.C.A. 25°, minor shearing.		
							Top of Box 57		
		139.09	72				Siltstone, clayey, plant fragments, shearing, calcite veining and stringer plant fragments, very sheared.		
	139.09	139.29	20				Claystone, highly sheared, core very broken, possible loss, possible fault zone, carbonaceous, plant fragments.		
		139.41	12				Claystone, black, abundant plant fragments, no shearing, no veining.		
	139.41	140.30	89				Siltstone, dark grey, interlaminae with black claystone, abundant plant fragments and plant fossils associated with clust, hard and industrial.		
					464'/141.43				
		140.41	11				As above.		
	140.41	140/50	09				Sandstone, fine grain, grey with some black clay silt laminae, coaly fragments, calcite veining and stringers, F.C.A. 36°.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7805 SHEET No: 26

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 58		
	140.50	140.76	26				Sandstone, silty, very fine grain, carbonaceous, specks, few $CaCo_3$ veins, crossbedded.		
					465'	/141.73			
16°		141.17	41				As above, but more silty.		
		141.87	70				Siltstone with lim of claystone and few coal strings.		
		142.75	88				Claystone, dark to black, silty with carbonaceous fragments at top.		
							Top of Box 59		
		143.05	30				As above, more carbonaceous at base, some $CaCo_3$ veins.		
		143.14	09				Carbonaceous claystone with coal inclusion, slicks, highly broken.		
					475'	/144.78			
		143.81	67				Core loss.		
	143.81	144.38	57				As above, highly broken.		
20°	144.38	144.75	37	32			Coal loss.		
	144.75	145.00	25	22			Claystone loss.		
	145.00	146.40	150	121			Coal loss.		
					479'	/146.00			
	146.40	146.80	40	35			As above, claystone, carbonaceous-		
	146.80	147.45	65	56			Coal loss.		
					482'	/146.91			
	147.45	147.80	35	30			Carbonaceous, claystone, some coal stringers, slicks, highly broken.		
					485'	/147.83			
30°	147.80	148.81	101	87			Coal loss.		
	148.81	149.02	21	18			C1 coal, pulverized and mixed with grained coal bloom claystone.		
					490'	/149.35			
							Top of Box 60		
	149.02	149.10	08	07			C1 Coal as above.		
					493'	/150.27			
	149.10	149.50	40	35			Claystone loss.		
	149.50	149.65	15	13			Carbonaceous claystone as before.		
					495'	/150.88			
30°	149.65	149.95	30	26			Carbonaceous claystone as before.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7805 SHEET No: 27

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
					499'/157.10				
30°	149.95	154.58	463	401			Coal loss.		
					505'/153.92				
	154.58	154.88	30	26			C1 coal, pulverized as before.		
					509'/155.14				
40°	154.88	155.14	26				Claystone loss.		
	155.14	155.47	33				Carbonaceous claystone with some silty bands and few $CaCo_3$ veins slicks, highly broken.		
					513'/156.36				
		156.05	58				As above with some sandy bands, broken.		
42°	156.05	156.56	51				Claystone loss.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7805 SHEET No: 28

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
42°	156.56	157.36	80				Top of Box 61 Sandstone, fine to medium grain, some clay laminae, highly fractured and vein discontinuances, calcite stringers, abundant sheared surfaces along coaly claystone beds 3 to 5 mm thick, sandstone crossbedded, possibly fault zone.		
					518' / 157.89				
		157.84	48				As above, abundant calcite stringers, shearing along coaly claystone laminae, possible core loss. Plant fragments, coalified fragments and lenses.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7805 SHEET No: 29

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	157.84	157.93	09				Claystone, coaly, highly sheared, core broken, mostly C4?		
		158.56	63				Sandstone, fine to medium grain, grey, plant fragments, shearing along coaly claystone laminae, no calcite vein, fractures.		
							Top of Box 62		
	158.56	158.81	25				Breccia, Sandstone fragments, clayey matrix, core broken, possible loss, sheared surfacesm lystric surfaces. FAULT ZONE.		
	158.81	159.06	25				Sandstone, fine to medium grain, grey, carbonaceous, coalified fragments, lenses, shearing along coaly claystone laminae, minor calcite vein.		
	159.06	159.30	24				Breccia, as above.		
	159.30	159.60	30				Sandstone, medium grain, grey, coalified fragments, calcite veining hard.		
	159.60	160.07	47				Breccia, as above, possible core loss.		
	160.07	160.61	54				Sandstone, medium grain, grey, carbonaceous, coalified fragments, and lenses, sandstone internally stressed. Some shearing along minor coaly claystone laminae.		

DENISON MINES LIMITED
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DIAMOND DRILL CORE LOG

HOLE No: BD 7805 SHEET No: 30

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 63		
		161.10	49				Sandstone, medium to coarse grain, grey.		
52°	161.10	161.36	25				Breccia, medium grain, sandstone fragments in slickenside clayey matrix, highly sheared. Lystric surgaces, highly polished shear surfaces. Beds highly contorted.		
		162.46	110				As above. HASLER FM		
	162.46	162.82	36				Claystone, black, with contorted interbeds of fine to medium grain, sandstone		
							Top of Box 64		
		163.03	21				As above, highly polished shear surfaces.		
	163.03	164.01	98				As above, but highly sheared, highly polished sheared surfaces. (glass) core broken, highly fragmented, possible loss.		
		164.23	22				As above, slightly less sheared. Small scale faulting, minor dolomite veining.		
	164.23	164.54	31				Claystone, black, shearing, lystric surfaces, F.C.A.30°, shearing not as intense as upper unit.		
		164.93	39				Claystone, black, minor, fine grain, sandstone, laminae.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7805 SHEET No: 31

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 65		
		165.19	26		545'	/166.12	As above.		
55°		167.06	187				As above, with sandstone beds ranging from 1.7 cm.		
							Top of Box 66		
		168.19	113				As above, sandstone interbeds to 1 cm thick.		
					555'	/169.16			
46°		169.17	98				As above.		
							Top of Box 67		
		171.42	225				As above.		
							Top of Box 68		
45°		173.63	221				As above, some minor faulting in sandstone neds.		
							Top of box 69		
		174.45	82				As above, becomes siltier over lower part of unit.		
					575'	/175.26			
	174.45	175.21	76				Siltstone, clayey, interbedded with fine grain salt and pepper sandstone beds.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7805 SHEET No: 32
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							some sandstone, cross bedded, minor lystric surfaces.		
		175.69	48				As above, sandstone beds not as prominent, sandstone bedding contorted.		
							Top of box 70		
		177.44	175		585'	/178.31	As above, bedding more distinct at base of unit.		
		177.85	41				Siltstone, dark grey, interbedded with claystone and fine grain sandstone, bed 1 cm thick, sandstone. Sandstone beds cross bedded.		
							Top of Box 71		
		178.16	31				As above.		
	178.16	179.34	119				Sandstone interbedded with claystone, fine grain, cross bedded, interbedded with claystone, silty black, minor shearing and dolomite veins and stringers 80 cm from top. Sandstone beds predominately up to 4 cm thick.		
52°	179.34	179.86	52				Siltstone, clayey interbedded with fine grain sandstone, sandstone predominent.		
					593'	/180.75			
		179.90	04				As above.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7805 SHEET No: 33
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 72		
	179.90	180.63	73				Sandstone, fine to medi-m grain, cross bedded, internedded with siltstone clayey dark grey, beds are 47 cm thick, dolomite veining at 30 cm, some small scale faulting.		
45°	180.63	181.98	135				Siltstone, clayey, dark gtey, interbedded with claystone black and fine grain sandstone bed. Bed 1 cm thick, sandstone bed cross bedded, sandstone minor shear surfaces along bedding planes. S.C.A. 45°.		
							Top of box 73		
		182.62	64				As above.		
	182.62	183.00	38		6031/183.79		Claystone, dark grey, silty.		
		183.12	12				As above.		
	183.12	183.98	86				Siltstone, interbedded with black claystone and fine grain sandstone, beds 5 cm thick. Fold in core at top of unit. Shear surfaces, sliken siding, major shear surfaces parallel, core axis, core broken, possible loss, possible small fault zone.		

DENISON MINES LIMITED
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DIAMOND DRILL CORE LOG

HOLE No. BD 7805 SHEET No: 34
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 74		
		184.13	15				As above, claystone predominant, minor dolomite veins, core fragments, possible loss.		
		184.70	57				Siltstone, dark grey, interbedded with 1 cm beds of claystone black and very fine grain, laminae, sandstone bedding wavey, discontinuous sandstone.		
					609'	/185.62			
45°		185.87	117				As above.		
							Top of Box 75		
		186.50	63				As above.		
					615'	/187.45			
		188.00	150				As above.		
							Top of Box 76		
46°		189.55	155				As above, minor shearing along bedding planes.		
					625'	/190.50			
		190.13	58				As above.		
							Top of Box 77		
		192.35	222				As above.		

DENISON MINES LIMITED (COAL DIVISION)

DIAMOND DRILL CORE LOG

BD 7805 35

HOLE No: _____ SHEET No: _____

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 78		
		192.42	07		635'	/193.55	As above.		
		192.47	05				As above.		
→	192.47	192.94	46				Claystone, dark grey to black, minor silt laminae.		
41°	192.94	194.41	147				Shalestone, interbedded with 1 to 2 cm beds of claystone black and sandstone laminae and cross laminae, uneven disontinuous flazer and ventricular bedding, minor sheared surfaces along bedding plane.		
							Top of Box 79		
		195.50	109		645'	/196.60	As above.		
		196.55	105				As above.		
							Top of Box 80		
		196.75	20		649'	/197.82	As above.		
50°		198.69	194				As above, sandstone structures predominant.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7805 SHEET No: 36
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 81		
		200.82	213				As above, minor faulting within individual sandstone bedsm worm burrows, siltstone predominant, minor shear surface along bedding planes.		
							Top of Box 82		
40°		201.57	75				As above.		
					665'/202.69				
		202.91	134				As above, more evenly laminae.		
							Top of Box 83		
		204.53	162				As above.		
					675'/205.74				
		205.00	47				As above.		
							Top of Box 84		
42°		207.17	217				As above, minor sliker siding, along bedding planes.		
							Top of Box 85		
		208.28	211				As above.		

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DIAMOND DRILL CORE LOG

HOLE No. BD 7805 SHEET No: 37
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 86		
		209.95	67				As above.		
		210.53	58				As above, moderate shearing, minor dolomite vein, core broken, possible loss, F.C.A. 12°.		
	210.53	210.60	07				Core loss.		
					695'	/211.84			
45°	210.60	211.29	69				As above, core broken, possible loss, shearing along bedding planes.		
		211.91	62						
							Top of Box 87		
		214.06	215				As above, lacks shear surfaces, core is competent.		
					705'	/214.88			
							Top of Box 88		
45°		216.20	214				As above, claystone and siltstone predominant, minor shearing along bedding planes.		
							Top of Box 89		
		217.03	83				As above, siltstone predominant, sandstone structures dominant.		
					715'	/217.93			
		218.06	103				As above, core broken, possible loss, shearing, possible small fault.		
					718'	/218.85			

DENISON MINES LIMITED
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DIAMOND DRILL CORE LOG

HOLE No. BD 7805 SHEET No: 38
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		218.13	07				As above, no shearing.		
							Top of Box 90		
50°		220.25	212				As above, dolomite filled fractures 44 cm above base, minor shearing along bedding planes, F.C.A. 50°.		
							Top of Box 91		
45°		222.35	210				As above, minor shearing along bedding planes, F.C.A. 45°.		
							Top of Box 92		
		223.20	85				As above.		
					735	/224.03			
		224.46	126				As above, minor small scale faulting, sandstone, siltstone predominant.		
							Top of Box 93		
		226.12	166				As a bove, sandstone predominant.		
					745	/227.08			
50°		226.62	50				As above, minor calcite stringers 13 cm from top of unit, small scale faulting.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7805 SHEET No: 39
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 94		
55°		228.61	199				As above, minor shearing along bedding planes, F.C.A. 60°, scarce dolomite stringers.		
							Top of Box 95		
57°		229.15	54		755	/230.12	Same as above, sandstone predominant, sandstone beds 2 cm thick.		
		229.68	53				As above, core broken, possible loss.		
	228.68	229.72	04				Core loss.		
50°	229.72	230.79	107				Same as above, sandstone and siltstone predominant.		
							Top of Box 96		
		231.33	54				As above.		
		231.58	25				Shalestone, clayey, grey, core broken, possible loss.		
	231.58	231.93	35				Claystone, black with minor silty beds 1 cm thick.		
					764	/232.87			
	231.93	232.40	47				Conglomerate, pebbles .5 cm silica, some lystric surfaces.		
							KSH (HASLER) BOULDER CREEK		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7805 SHEET No: 40

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	232.40	232.80	40				Shalestone, grey, massive, weathers rubbly structures, bioturbated.		
							Top of Box 97		
		233.95	115		772	235.3	Shalestone, as above. Sandy, structureless.		
		234.98	103				As above, unit is becoming sandier towards base.		
							Top of Box 98		
		235.08	10				As above.		
		235.74	66				Shalestone, grey, structureless, rubbly weathering.		
		236.32	58				Shalestone, slightly sandy, more indurated.		
		237.03	71				Shalestone, grey, structureless, similar to above unit but less competent.		
							Top of Box 99		
		237.74	71				As above. Bioturbated, mottled.		
					785	239.27			
		237.99	25				As above.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7805 SHEET No: 41
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 100		
		240.15	216				As above, more competent.		
							Top of Box 101		
		240.32	17				As above.		
	240.32	240.92	60				Siltstone, grey, structureless, becomes dark grey and clayey towards bottom, lystric surfaces, shearing, shearing parallel to core sub axis, core broken.		
	240.92	241.21	29				Core loss.		
					795'/242.32				
	241.21	242.14	93				Siltstone, dark grey, competent.		
		242.49	35				Siltstone, sandy, grey, mottled, bioturbated, minor shear surface, core dissintegrated.		
		242.95	06				Siltstone, sandy, grey, massive.		
							Top of Box 102		
		244.21	166				As above, minor clacite filled fractures.		
					805'/245.36				
		244.75	54				As above.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7805 SHEET No: 42
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 103		
	244.75	245.30	55				As above.		
		246.22	92				Siltstone, dark grey, mottled, bioturbated, structureless, core disintegrated.		
					811'/247.35				
		246.44	22				As above, core disintegrated.		
		246.95	51				Siltstone, dark grey, similar to above, more competent.		
							Top of Box 104		
		247.55	60				As above.		
	247.55	248.30	75		818'/249.48		Claystone, silty, dark grey.		
	248.30	249.05	75				Siltstone, clayey, dark grey, minor coalified plant fragments.		
							Top of Box 105		
		249.45	40				As above.		
54°		251.25	180				Shalestone, dark grey, interbedded with very fine grain sandstone, minor claystone laminae, angle calcite filled fractures scarce, F.C.A. 70°, bed thickness varies from 1.5 cm, minor sandstone, 108 to 825 from top of unit.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7805 SHEET No: 43
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 106		
		251.86	61				As above.		
	251.86	252.45	59				Claystone, dark grey to black, interbedded with siltstone, calcite filled fractures, sub parallel to core axis, calcite veinlets and		
					831.5'/253.44		stringers. Core broken, possible loss.		
		252.80	35				Claystone, black, F.C.A. 54°. Lystric surfaces.		
51°	252.80	253.21	41				Sandstone, coarse grain, grey, massive.		
							Top of Box 107		
		254.91	170				As above.		
					840'/256.03				
		255.36	45				As above, shearing along bedding planes. Cross bedded.		
							Top of Box 108		
		256.31	95				As above. Becomes very coarse grain at base.		
50°		256.49	18				Sandstone, coarse grain to gritty.		
					845'/257.56				
		256.83	34				As above.		
53°		256.96	13				Sandstone, fine grain, grey, interbedded with claystone black and coaly laminae.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7805 SHEET No: 44
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							shearing along bedding planes.		
		257.48	51				Sandstone, very coarse grain to gritty.		
							Top of Box 109		
		257.96	48				Sandstone, medium grain, grey, salt and pepper grit band 1 cm thick at top of unit, coalified fragments and lenses over top 19 cm.		
62°	257.96	259.46	150		855	260.60	Grit, grey, clast size up to 3 mm, irregular calcite fractures sub parallel to core axis. Medium to coarse grain, crossbedded sandstone beds 7 to 10 cm thick, up the middle, and at the base, rip up clasts 2 cm long at base, calcite filled fractures.		
	259.46	259.54	08				Conglomerate, matrix, medium grain, salt and pepper sandstone the clast predominant, clast of sandstone and claystone matrix supported.		
							Top of Box 110		
		259.58	04				As above. Erosional contact with lower unit.		
	259.58	260.30	72				Sandstone, fine grain, becomes medium grain towards base. Silt laminae common near top of unit, laminae discontinues, unit highly fractured at 37 cm, calcite talc along fracture planes. Small fault.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7805 SHEET No: 45
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		260.69	39				Sandstone, fine to medium grain, light grey, calcite filled fractures sub parallel to axis, core broken, possible core loss.		
61°		261.61	92				Sandstone, medium grain, light grey, cross bedded, minor calcite filled fractures, competent, hard.		
							Top of Box 111		
		262.44	83				As above.		
					865	263.65			
		262.90	46				As above.		
		263.79	89				Sandstone, coarse grain, competent, very hard, salt and pepper cross bedded.		
							Top of Box 112		
		265.12	133				Sandstone, medium to coarse grain, light grey, F.C.A. 75°, calcite filled fractures scarse.		
		265.18	06				Sandstone, fine grain, interbedded with carbonaceous claystone laminae.		
	265.18	265.20	02				Conglomerate, grey, clasts up to 6 cm.		
	265.20	265.97	77				Claystone, silty, light grey, Pelitiforous, bioturbated, core disintegrating.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7805 SHEET No: 46

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 113		
		266.75	78				As above, core disintegrating, coloration dark grey, lythology		
							same as above, except color pettets abundant, appears oxidized to pinky orange, bioturbated.		
	266.75	267.67	92				Siltstone, light grey, competent, bioturbated.		
	267.67	268.23	56				Claystone, dark grey to black, silty at top.		
							Top of Box 114		
		268.57	34		885'/269.75		As above.		
		269.15	58				As above.		
	269.15	269.75	60				Sandstone, fine grain, interlaminae with dark grey siltstone, wavey discontinuous.		
					889'/270.97				
	269.75	269.81	06				Shalestone, sandy, grey, sandstone predominant, calcareous.		
	269.81	270.08	27				Core loss.		
	270.08	270.21	13				Claystone, dark grey.		
		270.36	15				Siltstone, clayey, dark grey, sandstone, scarce plant fragments.		
							Top of Box 115		
		271.20	84				As above, becomes sandy towards base.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7805 SHEET No: 47
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	271.20	271.57	37				Sandstone, silty, fine grain, grey, cross laminae.		
					895'/272.80				
		272.08	51				As above.		
45°		272.44	36				Sandstone, interlaminae with silty claystone laminae, carbonaceous sandstone, laminae up to5 mm, claystone laminae up to 2 mm, wavey, discontinuous.		
		273.46	102				As above, minor calcite filled fractures, calcareous, minor faulting.		
		274.62	116				Sandstone, medium grain, light grey, F.C.A. 65°, calcite filled fractures.		
							Top of Box 117		
		274.70	08				Sandstone, medium grain, grey, salt and pepper, some calcite		
					909'/277.06		filled fractures, cross bedded, competent.		
		275.35	65				As above.		
		276.06	71				As above, F.C.A. 58°, unit moderately fractured, calcite veins up to 1 cm, calcite veinlets, stringers, small scale faulting.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7805 SHEET No: 48
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		276.79	73				Sandstone, fine to medium grain, grey, cross bedded, very competent, very calcareous.		
							Top of Box 118		
		277.73	94				As above.		
					915'/278.89				
		279.00	127				As above, very indurated.		
							Top of Box 119		
55°		280.76	176				As above, less calcareous, some carbonaceous laminae.		
					925'/281.94				
		281.18	42				As above.		
							Top of Box 120		
		283.33	215				As above, minor shearing along carbonaceous laminae.		
							Top of Box 121		
		283.86	53		935'/284.99		As above.		
		284.92	106				As above.		
					939'/286.21				
		285.54	62				As above, cross bedding not dominant.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7805 SHEET No: 49

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							rip up clast 43 cm from top of unit.		
							Top of Box 122		
		285.71	17				As above.		
50°		286.20	49				Sandstone, fine to medium grain, carbonaceous laminae abundant.		
		286.83	63				Sandstone, fine to medium grain, grey, sparce calcite veins, very competent, no laminae.		
					945'/288.04				
		287.00	17				As above, some rip up clasts.		
	287.00	287.15	15				Siltstone, dark grey, clay laminae, carbonaceous.		
	287.15	287.35	20				Claystone, very carbonaceous, black, lystric surfaces.		
		287.71	36				Claystone, silty, carbonaceous, siltstone laminae, very discontinuous bioturbated, more massive at base.		
							Top of Box 123		
		289.16	145				Claystone, silty, structureless, carbonaceous, beginning to disintegrate, very porous, coalified fragments.		
	289.16	289.88	72				Siltstone, clayey, grey, bioturbated, mottled, more competent.		
							Top of Box 124		
		289.94	06				As above.		
					955'/291.08				

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7805 SHEET No: 50

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	289.94	290.26	32				As above.		
		290.89	63				Siltstone, indurated hard, bioturbated?, contact with upper unit, highly irregular, highly fractured over to 30 cm, calcite filled fractured.		
		292.03	114				Siltstone, sandy, grey, structureless.		
							Top of Box 125		
		292.75	72				As above.		
		292.93	18				Siltstone, gark grey, slicker sides, highly sheared at marker.		
					965'/294.13				
	292.93	293.22	29				Claystone, silty, dark grey,to black, highly sheared, sliken sides, shear zone.		
	293.22	293.49	27				Shalestone, grey, structureless, massive.		
	293.49	293.83	34				Claystone, silty,dark grey, to black, gradational contacts upper and lower.		
	293.83	294.04	21				Siltstone, light grey, massive, structureless.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7805 SHEET No: 51

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 126		
		294.10	06				As above.		
	294.10	294.34	24				Claystone, carbonaceous, contorted, silt laminae.		
	294.34	294.51	17				Sandstone, fine grain, grey, cross bedded.		
	294.51	294.98	47				Claystone, black, carbonaceous, plant fragments, silty laminae at base, slicken sides, fracture sub parallel to core axis.		
	294.98	295.74	76				Shalestone, interlaminae with claystone laminae up to 3 mm, base of unit clayey, calcite fractures, bed contorted, minor faults, carbonaceous.		
	295.74	296.17	43				Core loss.		
	296.17	296.54	37				Siltstone, as above.		
							Top of Box 127		
		296.77	23				As above, base of unit sandier.		
	296.77	297.27	50				Sandstone, fine grain, calcite filled fractures parallel to core axis.		
		297.65	38				Sandstone, medium grain, grey, competent, calcareous.		
	297.65	298.01	36				Claystone, black, silty, siltstone laminae towards base.		
54°	298.01	298.63	62				Sandstone, fine grain, grey, carbonaceous, claystone laminae, shearing along claystone laminae.		

DENISON MINES LIMITED
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DIAMOND DRILL CORE LOG

HOLE No: BD 7805 SHEET No: 52
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 128		
		299.05	42				As above.		
	299.05	299.15	10		985	300.23	Claystone, carbonaceous, plant fragments, dark grey.		
		300.10	95				Claystone, silty, grey, plant fragments, minor coalified fragments.		
	300.10	300.70	60				Sandstone, fine grain, grey, competent, very calcareous.		
							Top of Box 129		
60°		302.02	132				As above, cross bedded.		
	302.02	302.17	15		995	303.28	Siltstone, grey, structureless, broken core, possible loss.		
		302.78	61				As above.		
							Top of Box 130		
		303.59	81				As above.		
	303.59	304.34	75				Claystone, black, silty, core disintegrated.		
	304.34	304.92	6				Siltstone, clayey, structureless, bioturbated?, some plant fragments.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7805 SHEET No: 53
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 131		
		305.23	26				As above.		
					1005	1/306.32			
	305.23	306.35	112				Siltstone, grey, appears bioturbated, more competent than upper unit.		
	306.35	307.01	66				Sandstone, silty, very fine grain, grey, massive.		
		307.10	09				Sandstone, fine to medium grain, indurated, solocious, S.C.A. 55°.		
							Top of Box 132		
		307.83	73				As above, sliken sides, calcite filled fractures sub parallel to core axis. Some carbonaceous laminae at base.		
51°	307.83	308.24	41				Siltstone, grey, interlaminae with black claystone laminae.		
					1015	1/309.37			
	308.24	309.16	92				Sandstone, very fine grain, indurated, hard, structureless, possible bioturbation.		
							Top of Box 133		
		310.17	101				As above.		
	310.17	311.21	104				Claystone, silty, dark grey, some sandstone interbeds 5 cm thick, fine grain, gry.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7805 SHEET No: 54

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
					1025'/312.42				
	311.21	311.31	10				Shalestone, grey.		
							Top of Box 134		
		311.43	12				As above, carbonaceous, slicken siding.		
	311.43	311.73	30				Sandstone, fine grain, grey, some silt, clayey laminae, sliken siding along laminae.		
	311.73	311.98	25				Core loss.		
55°	311.98	313.32	134				Siltstone, interlaminae with claystone, shearing along bed planes, contorted laminae, some sandstone, claystone beds up to 7 cm.		
					1032'/314.55				
		313.56	24				As above.		
							Top of Box 135		
55°	313.56	315.12	156				Claystone, black, carbonaceous, some silty laminae at top of unit, shearing along bedding planes F.C.A. 55°. Plant fragments abundant, calcareous.		
	315.12	315.65	53				Shalestone, grey, calcareous, clayey, top of unit clayey becoming silty towards base, mottled.		
	315.65	315.77	12				Sandstone, very fine grain, silty, grey, cross laminae.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7805 SHEET No: 55

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 136		
		315.87					As above, calcite veining 60 cm from top.		
50°	315.87	317.03	116				Claystone, silty, interlaminae with siltstone, irregular laminae, some shearing along bedding planes, slightly calcareous, carbonaceous, plant fragments.		
	317.03	317.38	35				Core loss.		
							Top of Box 137		
	317.38	317.62	24				Claystone, as above.		
	317.62	318.88	126				Siltstone, clayey, grey, mottled, structureless, appears bioturbated, massive, non-calcareous.		
		318.93	05				As above.		
					1052'/320.65				
		319.57	64				Shalestone, solocious, hard, massive, structureless.		
							Top of Box 138		
		319.91	34				As above.		
					1055'/321.56				
		321.52	161				As above.		
	321.52	321.74	22				Sandstone, fine grain, minor calcite veins.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7805 SHEET No: 56

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 139		
56°		322.97	123				As above, occasional silty laminae, F.C.A. 57°, fine coalified fragments, minor calcite veining.		
					1065	/324.6			
		323.70	73				As above, laminae slightly less prominent.		
	323.70	323.78	08				Shalestone, clayey, with carbonaceous claystone laminae.		
							Top of Box 140		
55°		324.10	32				As above, shearing along bed planes, F.C.A. 55°.		
	324.10	324.60	50				Sandstone, fine grain, hard, silicious, grade to lower unit, calcareous.		
	324.60	325.90	130				Siltstone, clayey, claystone laminae near top, more massive and silty near bottom, plant fragments, carbonaceous, shearing at 24 cm, fracture, calcite veining, minor movement.		
							Top of Box 141		
		326.00	10				As above.		
					1075	/327.66			
		326.14	14				As above		
	326.14	326.34	20				Sandstone, fine grain, silty, solocious, hard, minor silt laminae calcareous.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7805 SHEET No: 57

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	326.34	326.88	54				Core loss.		
	326.88	328.59	171				Claystone, silty near top, dark grey to black, F.C.A. 57°, unit sheared throughout, minor calcite veins, carbonaceous, broken core, possible loss, shear zone, multiple shear orientations, 14 cm sandy bed near base.		
							Top of Box 142		
		328.73	14				As above.		
	328.73	329.55	82				Siltstone, grey, structureless, hard, solicious.		
	329.55	329.64	09		1085'/330.71		Sandstone, fine grain, solicious, hard, massive.		
		330.78	114				As above, minor shalestone laminae, carbonaceous laminae, coal laminae.		
							Top of Box 143		
55°		331.48	70				Shalestone, grey, interlaminae with carbonaceous claystone, sheared carbonaceous zone from 30 to 40 cm from top of unit, plant fragments, minor shearing along bed planes 3 mm coal laminae at 30 to 40 cm from top.		
	331.48	332.64	116				Claystone, carbonaceous, gradational at top.		
						1095'/333.76			
		332.87	23				As above.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7805 SHEET No: 58

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 144		
		333.60	73				Claystone, black, carbonaceous, plant fragments.		
	333.60	333.98	38				Shalstone, clayey, core disintegrated, structureless.		
					1100	' /335.28			
	333.98	334.12	14				Claystone, highly carbonaceous at base, coaly, highly sheared, core broken, possible loss.		
	334.12	334.49	37				Core loss.		
57°		335.31	82				Claystone, carbonaceous, coalified fragments, plant fragments.		
							Top of Box 145		
		335.74	43				Claystone, highly carbonaceous, lenses, highly sheared and broken at top, possible loss.		
					1105	' /336.80			
		337.33	159				As above, highly sheared throughout unit, shear zone, silken side surface, lystric surfaces, loss near top.		
							Top of Box 156		
		337.60	27				Claystone, carbonaceous, coalified fragments.		
	337.60	337.81	21				Coal C_3 - C_4, core broken.		
		337.99	18				C_3, stoney.		
	337.99	338.40	41				Sandstone, dark grey, fine to medium grain, plant fragments, carbonaceous.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7805 SHEET No: 59
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		339.46	106				Sandstone, medium grain, grey, pebbly at base.		
							Top of Box 147		
		340.74	128				Sandstone, medium to coarse grain, grey, pebbly lenses over top 23 cm.		
					1121	6'/341.83			
		340.95	21				As above.		
	340.95	341.59	64				Conglomerate, light grey, pebbles up to 1 cm, grain support solicious cement, pebbles well rounded.		
							Top of Box 148		
		342.80	121				As above, pebble size to 2 cm non-calcareous.		
					1129	'/344.12			
		343.64	84				As above.		
					1132	'/345.03			
							Top of Box 149		
		345.69	205				As above.		
							Top of Box 150		
	345.69	345.88	19				Sandstone, medium grain, grey, pebbly.		
	345.88	346.72	84				Conglomerate, same as previous conglomerate.		
					1142	'/348.08			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7805 SHEET No: 60

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		346.82	10				As above.		
	346.82	347.29	97				Sandstone, medium grain, grey, solicious, pebbly zone from 53 to 63 cm from top of unit.		
							Top of Box 151		
		348.04	25				As above.		
	348.04	349.28	124				Conglomerate, same as previous, some interbeds of sandstone 10 cm thick.		
48°	349.28	349.47	19				Sandstone, medium grain, grey, salt and pepper.		
	349.47	349.75	28				Conglomerate, as previous.		
					11521 /351.13				
		349.86	11				Conglomerate as above.		
							Top of Box 152		
		349.93	07				As above.		
54°	349.93	350.08	15				Sandstone, coarse grain, carbonaceous claystone laminae at base, sliken sides on claystone laminae F C A.54°.		
	350.08	351.53	145				Conglomerate, as previous.		
					11581 352.96				

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7805 SHEET No: 61

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 153		
		351.91	38				As above.		
	351.91	352.10	19				Sandstone, fine to medium grain, some coaly laminae, grey.		
	352.10	352.58	48				Conglomerate, as previous.		
	352.58	352.92	34				Sandstone, fine to medium grain, grey, cross bedded, pebble beds 1 to 3 cm thick near centre.		
	352.92	353.63	71				Conglomerate, sandy, matrix supported, gritty towards base.		
	353.63	353.73	10		1165'/355.09		Sandstone, fine to medium grain, grey, solicious.		
							Top of Box 154		
		354.09	36				As above.		
	354.09	354.46	37				Conglomerate, grey, pebbles up to 1 cm, 12 cm grit band, 9 cm from top.		
46°	354.46	355.90	144				Sandstone, fine to medium grain, grey, solicious, hard, minor shearing along bedding, pebble trains.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7805 SHEET No: 62
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 155		
		356.79	89				As above, pebble bands more scarse.		
					1175'/358.14				
		357.57	78				Sandstone, as above but devoid of pebbles, non-calcareous.		
	357.57	357.64	07				Conglomerate, matrix support pebble size up to 2 cm.		
	357.64	357.90	26				Sandstone, medium grain, grey, cross bedded, solicious.		
	357.90	357.94	04				Siltstone, hard, indurated.		
	357.94	358.06	12				Sandstone, medium grain, grey, cross bedded, solicious, hard non-calcareous.		
							Top of Box 156		
		359.80	174				Sandstone,as above.		
					1185'/361.19				
		360.02	22				Sandstone, as above, occasional pebble.		
54°		360.12	10				Sandstone, fine grain, with carbonaceous laminae, sliken sides along laminae, F.C.A. 54°.		
		360.25	13				Sandstone, fine to medium grain, grey, as previous.		
							Top of Box 157		
50°		362.46	221				Sandstone, as above, very competent.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7805 SHEET No: 63

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 158		
		362.87	41		1195'/364.24		As above.		
		364.47	160				As above.		
48°	364.47	364.49	02				Carbonaceous claystone.		
	364.49	364.56	07				Sandstone, as above.		
							Top of Box 159.		
		365.83	127		1205'/367.28		Sandstone, as above.		
		366.73	90				Sandstone, as above.		
							Top of Box 160		
		368.90	217		1215'/370.33		Sandstone, as above.		
							Top of Box 161		
		370.36	146				Sandstone, as above.		
52°	370.36	370.45	09				Claystone, carbonaceous, black, sliken sides.		
	370.45	371.06	61				Sandstone, fine grain, grey, claystone laminae, carbonaceous, sliken sides along claystone laminae, non-calcareous.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7805 SHEET No: 64
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 162		
		371.51	45				Sandstone, as above.		
54°		371.79	28				Sandstone, fine grain, with black carbonaceous claystone laminae.		
					12251	373.38			
65°	371.79	372.09	30				Claystone, black, carbonaceous, highly sheared at top of unit, minor thrust zone.		
	372.09	372.25	16				Core loss.		
	372.25	372.44	19				Sandstone, fine grain, grey, solicious.		
	372.44	373.22	78				Claystone, black, interbedded with fine grain, grey sandstone, beds 1 to 3 cm thick, sandstone.		
							Top of Box 163		
		373.50	28				As above, core broken, shearing along bedding planes.		
63°	373.50	373.77	27				Sandstone, fine grain, minor dolomite fragments.		
					12311	375.21			
	373.77	373.86	09				Claystone, black, minor slikensides, core broken, possible loss.		
	373.86	374.05	19				Core loss.		
	374.05	374.54	49				Sandstone, fine grain, silty, solicious, hard.		
	374.54	374.72	18				Claystone, black, sliken sides, core broken, possible loss, interlaminae siltstone and sandstone at top.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7805 SHEET No: 65

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	374.72	375.40	68		1236'/376.73'		Sandstone, fine grain, solicious, hard, cross bedded.		
							Top of Box 164		
		376.44	104				Sandstone, silty, very fine grain, grey, hard, solicious, F.C.A. 70°, minor dolomite filled fractures, sliken sides along scarse claystone laminae.		
					1240'/377.95				
		377.12	68				Sandstone, grey, silty, very fine grain, beds up to 10 cm thick, interbedded with black claystone, sliken sides along claystone.		
					1242'/378.56				
		377.32	20				Sandstone, very fine grain, interlaminae with siltstone and claystone.		
							Top of Box 165		
	377.32	378.32	100				Siltstone, grey, sandy, beds up to 70cm interbedded claystone beds from 1 to 7 cm, transitional between Boulder Creek and Holcrost.		
55°	378.32	378.56	24				Claystone, black.		
	378.56	378.88	32				Siltstone, grey, sandy, interbedded claystone, sandstone.		
	378.88	379.04	16				Sandstone, very fine grain, grey, hard, solicious, large cross bedds.		
					1248.5'/380.54				

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD7805 SHEET No: 66

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		379.30	26				As above, 2 cm bed of rip up clasts at base.		
	379.30	379.32	02				Siltstone, grey.		
							Boulder Creek contact gradational First sandstone thicker than 5 m Holcross.		
							Top of Box 166		
58°	379.32	381.05	173				Shalestone, grey, sandy, interbedded with black claystone beds, some sliken sides along claystone laminae, middle 50 cm very silty.		
					1255'/382.52				
		381.41	36				As above.		
							Top of Box 167		
60°		383.26	185				As above, siltstone predominant over claystone, minor sandstone.		
							At 138.5 marker 1262.57		
							Top of Box 168		
		383.87	61				As above. Claystone, siltstone equal calcite veins and stringers.		
		384.06	19				Shalestone, highly sheared, broken zone, possible loss, calcite stringers.		
					1265.5'/385.72				

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7805 SHEET No: 67
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	384.06	384.44	38				Core loss.		
	384.44	384.85	41				Siltstone, grey.		
59°	384.85	385.72	87				Claystone, black, beds 1 to 10 cm thick, interbedded with siltstone grey, hard, unit silty at top clayey at bottom, shearing along bed planes, very sheared unit at top 3 cm thick.		
							Top of Box 169		
	385.72	386.08	36				Siltstone, grey, interbedded withclaystone beds, beds 1 to 3 cm thick.		
					1271.5'/387.55				
		387.71	163				As above, shearing along bed planes, minor sandstone.		
							Top of Box 170		
		388.95	124				As above, silt predominates over claystone.		
					1281'/390.45				
55°		389.81	86				As above, siltstone,claystone = minor quartz stringers.		
							Top of Box 171		
		391.98	217				As above, no quartz stringers.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7805 SHEET No: 68

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 172		
		392.03	05				As above.		
					1291	/393.50			
		394.15	212				As above, shalestone, claystone, siltstone crossbedded, more clayey towards base.		
							Top of Box 173		
		395.08	93				As above, claystone beds, siltstone.		
					1301	/396.54			
60°		396.25	117				As above.		
							Top of Box 174		
		397.10	85				As above, siltstone = claystone beds.		
		398.30	120				As above, claystone - siltstone beds.		
					1311	/399.59			
		398.44	14				As above.		
							Top of Box 175		
57°		400.59	215				As above, shearing along bed planes.		
							Top of Box 176		
		401.32	73				As above, minor sandstone.		
					1321.5	/402.79			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD7805 SHEET No: 69

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		402.79	147				As above, beds 1 to 3 cm.		
							Top of Box 177		
54°		404.44	165				As above, silty beds, minor sandstone.		
					1332'	/405.99			
57°		405.00	56				As above.		
							Top of Box 178		
		407.18	218				As above.		
							Top of Box 179		
		407.49	31				As above.		
					1347'	/409.04			
		409.34	185				As above, siltstone, claystone, fault at 62 cm, minor calcite veins and stringers.		
							Top of Box 180		
		410.66	132				As above, siltstone, claystone beds = sandy siltstone beds, cross bedded.		
					1352'	/412.09			
		411.48	82				As above.		
							Top of Box 181		
52°		412.36	88				As above, minor shearing along claystone beds.		

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DENISON MINES LIMITED (COAL DIVISION)

DIAMOND DRILL CORE LOG

BD 7805 70

HOLE No: _____ SHEET No: _____

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	412.36	412.41	05				Claystone, carbonaceous, coal lenses, alloctonous		
		413.68	127				Claystone, black, interbedded with siltstone, sandy in places, beds vary from 5 mm to 7 cm, claystone - top of unit, cross bedded.		
					1362'/415.14				
							Top of Box 182		
		415.68	200				As above, claystone, siltstone beds = minor sandstone, sandy siltstone beds, cross laminae.		
							Top of Box 183		
	415.68	415.92	24				Core loss.		
	415.92	416.30	38				Claystone, black, massive.		
		416.88	58				Claystone, black, interbedded with siltstone, silty, sandy beds, cross laminae.		
					1372.5'/418.34				
		417.89	101				As above, occasional shearing on bed planes.		
							Top of Box 184		
		418.34	05				As above, claystone = siltstone beds.		
		418.67	33				Claystone, black, minor siltstone beds.		
	418.67	418.89	22				Shalstone. very minor clayey interlaminae, minor calcite veinlets.		
	418.89	419.97	108				Claystone, black, interbedded with siltstone, cross bedded.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7805 SHEET No: 71

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 185		
		420.69	72				As above.		
					1385'/422.15				
58°		422.13	144				As above, occasional sliken sides along bedding planes.		
							Top of Box 186		
54°		422.65	52				As above.		
					1391.5'/424.13				
60°		424.25	160				As above, claystone and siltstone beds = occasional sliken sides.		
							Top of Box 187		
68°		425.05	80				As above, shear surfaces parallel to bedding planes.		
		425.39	34				As above, core broken, highly sheared, sliken sides, possible shear zone, possible core loss.		
	425.39	426.01	62				Core loss.		
					1401'/427.02				
	426.01	426.54	53				As above, core more competent.		
		426.84	30				Claystone, black, interbedded with siltstone, cross laminae, beds vary from 1 cm-3cm thick.		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7805 SHEET No: 72

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 188		
60°		427.16	32				As above.		
					1405'/428.24				
		428.42	126				As above. Claystone beds at base.		
					1409.5'/429.62				
		428.74	32				As above.		
							Top of box 189		
59°		430.80	206				As above, siltstone and claystone beds = 15 cm claystone bed, 15 cm from base, bed varies from 1 cm-4 cm.		
							Top of Box 190		
		431.44	64				As above.		
					1420'/432.82				
		432.85	141				As above.		
							Top of Box 191		
		434.12	127				As above, siltstone cover claystone beds, sandy siltstone beds base of unit broken , possible loss, shearing along claystone beds.		
					1429'/435.56				
		434.82	70				As above.		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7805 SHEET No: 73

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
					1431	436.17			
							END OF HOLE 7805		
							LOGGED BY BRIAN FLYNN		

Form 71-0150-R04

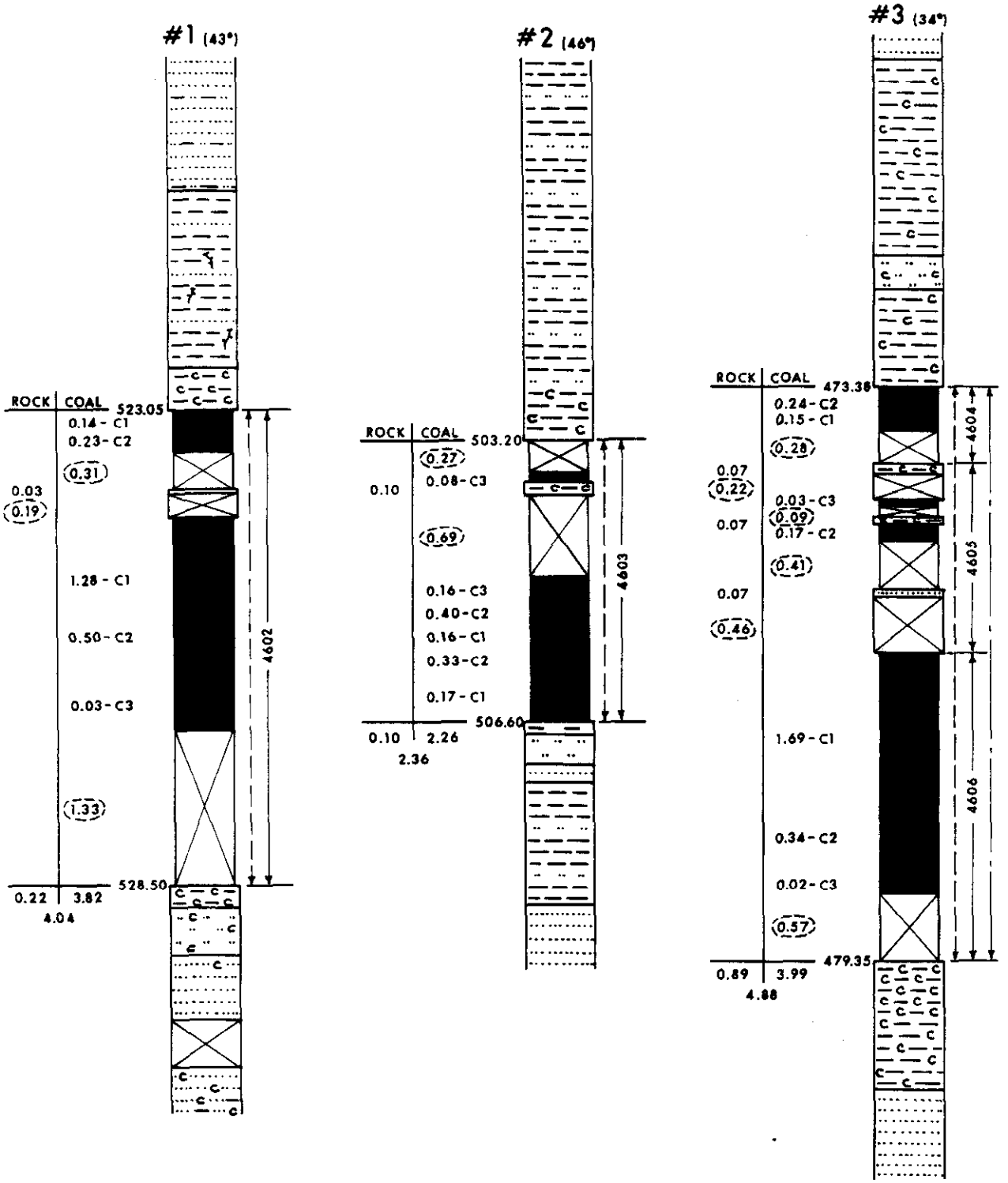
BELCOURT PROJECT

MINING SECTION SUMMARY

Hole No. BD 7806 Bearing 230° Angle 71° Total Depth 533.70 m

Coordinates 30514.60 N - 91487.44 E Collar Elevation 1706.41 m

Seam	Zone	Elevation (base)	Drilled Interval	True Thickness	Coal/Rock	Core Recovery%	Sample I.D.
1		1206.70	523.05 - 528.50	4.04	3.82/0.22	55.6	4602
2		1227.41	503.20 - 506.60	2.36	2.26/0.10	60.0	4603
3		1253.18	473.38 - 479.35	4.88	3.99/0.89	58.8	4604-4606
4		1279.65	450.33 - 451.35	0.75	0.75/0.00	100	4609
5		1285.70	439.45 - 444.95	4.65	4.40/0.25	76.0	4607
	6	1446.44	273.15 - 274.95	0.74	0.74/0.00	45.9	4610
	6	1455.94	260.70 - 264.90	2.04	1.58/0.46	63.3	4611
	6	1473.58	245.11 - 246.25	0.73	0.73/0.00	23.3	
	6	1480.76	237.30 - 238.65	0.93	0.90/0.03	100	4612
				21.12			



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

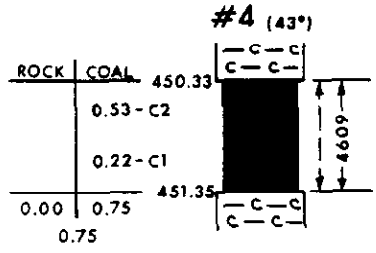
} BASED ON VISUAL ESTIMATES

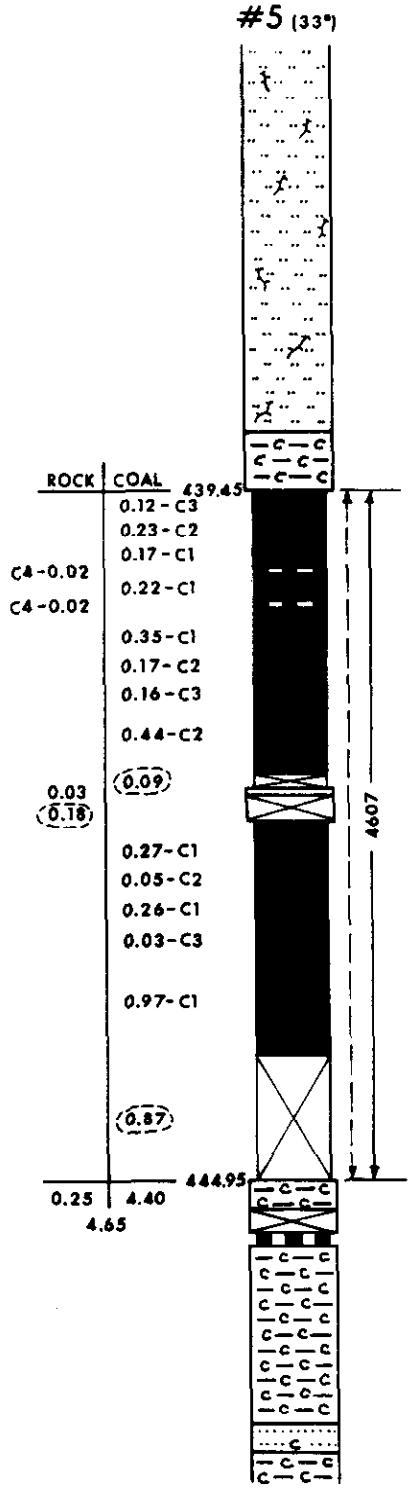
- C4 COAL >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- MINING SECTION
- SAMPLE INTERVAL & NUMBER
- COMPOSITE SAMPLE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

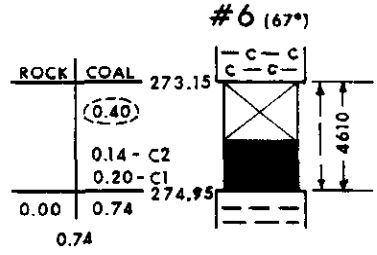
DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

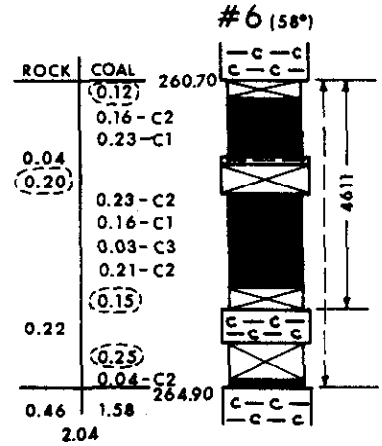
BELCOURT
SEAM DETAILS
BD 7806

DRAWN BY: R. C.	DATE: FEB. 1979	SCALE: 1 : 50
PREPARED BY: I. D.	DATE: " "	DRAWING NUMBER
APPROVED BY: G.P.G.	DATE: " "	BLCR.79-0827-R01









LEGEND

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- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

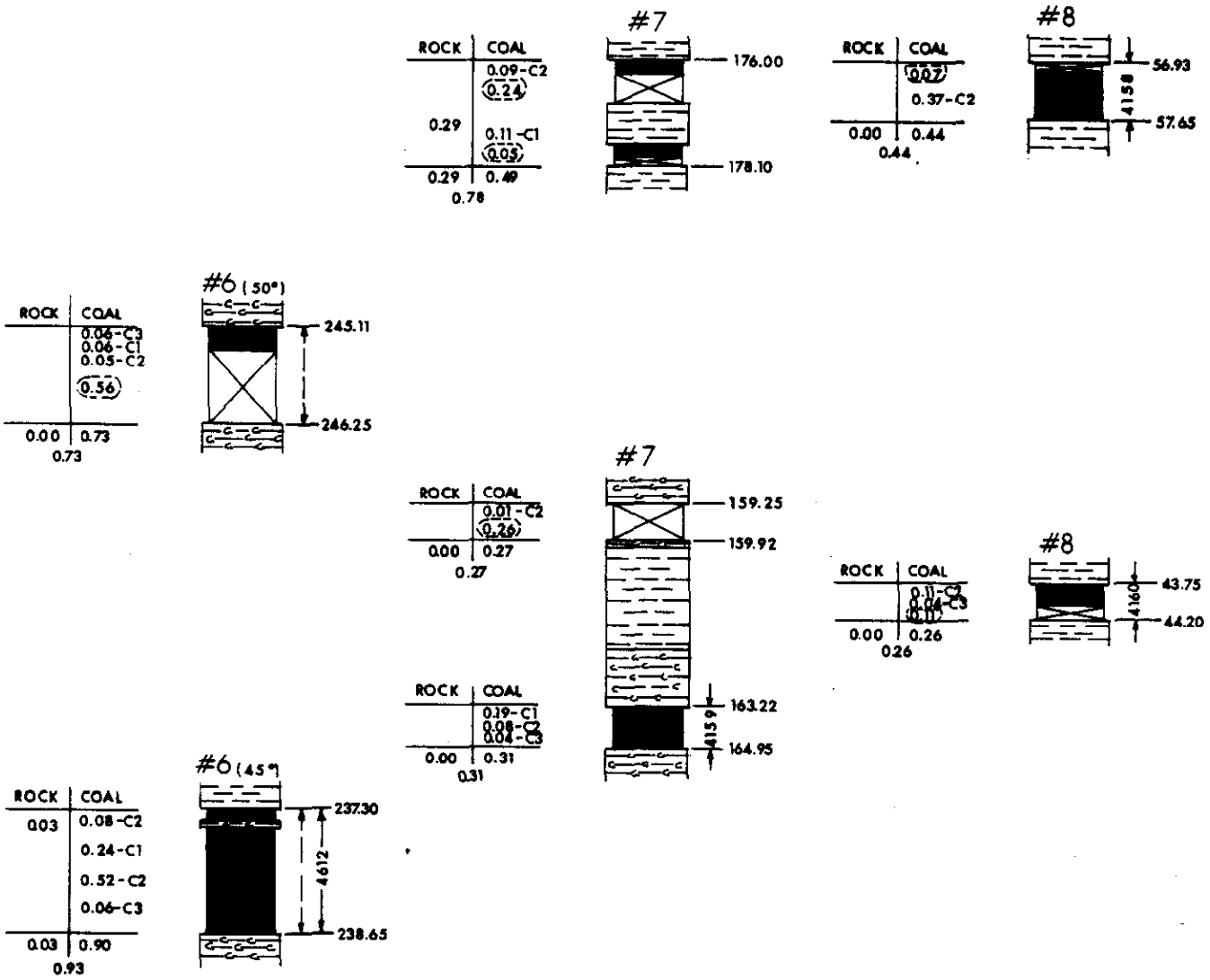
} BASED ON VISUAL ESTIMATES

- C4 COAL >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- MINING SECTION
- SAMPLE INTERVAL & NUMBER
- COMPOSITE SAMPLE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

BELCOURT
SEAM DETAILS
BD 7806

DRAWN BY: R. C.	DATE: FEB. 1979	SCALE: 1 : 50	
PREPARED BY: I. D.	DATE: " "	DRAWING NUMBER	
APPROVED BY: G.P.G.	DATE: " "	BLCR 79-0827-R01	



LEGEND

- C1 COAL 0 - 10 % ash
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- C3 COAL 21 - 30 % ash

} BASED ON VISUAL ESTIMATES

- C4 COAL >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE
- MINING SECTION
- SAMPLE INTERVAL & NUMBER
- COMPOSITE SAMPLE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

BELCOURT
SEAM DETAILS
BD 7806

DRAWN BY: J.H.	DATE: FEB. 1979	SCALE: 1 : 50
PREPARED BY: I.D.	DATE: " "	DRAWING NUMBER
APPROVED BY: G.P.G.	DATE: " "	BLCR.79-0827-R01

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7806 SHEET No: 1
DATE BEGUN: Sept. 29/78 DEPTH: BEARING: 230° U.T.M.:
DATE FINISHED: Oct. 03/78 ELEV. COLLAR: 1706.41 TOTAL DEPTH: 533.70 M COAL LICENSE:
LAT.: 54°23'00" 120°03'00" HOLE ANGLE: 71° LOGGED BY: F. Gigliotti/I. Delas CORE SIZE: HQ

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	0.00	4.34					Casing - Top of Box 1		
	4.34	4.41	7			15/4.57	Sandstone - medium grained, salt & pepper, Iron staining, broken		
	4.41	5.00	59				fracture, possible core loss, thin laminated, calcite on fracture surface. Claystone fragments, coal lines.		
	5.00	5.70	70				Claystone - dark grey, iron stained, then laminated, friable, minor fine grained sandstone broken and possible core loss		
							Top of Box 2		
	5.70	5.82	12			20/6.10			
	5.82	7.03	121						
	7.03	7.29	26				Rock loss		
	7.29	7.62	33			25/7.62	Siltstone - grained, iron stained, light bedded fine grained sand- sandstone, core very broken, possible core loss, calcite and slickensided on fracture surfaces.		
	7.62	8.75	113				Rock loss		
	8.75	9.08	33				Top of Box 3		
	9.08	9.79	71						
	9.79	10.27	48			30/4.11	Claystone - dark grey, listric surfaces, broken core, possible loss fine grained sandstone, interbedded, calcite in hairline fractures, some iron staining, friable in places.		
	10.27	11.07	80				Top of Box 4		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7806 SHEET No: 2
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	11.07	13.29	222			40/12.19			
							Top of Box 5		
	13.29	13.62	33						
	13.62	13.88	26			45/13.72	Claystone - dark grey, iron staining, fragements thin coal inter-		
	13.88	15.26	138			50/15/24	beds to ± 3 cm., very broken up, possible core loss,		
							minor siltstone.		
							Top of Box 6		
	15.26	16.50	124			55/16.76			
	16.50	16.70	20						
							Siltstone - medium grained, interbedded fine-grained grey sand-		
	16.70	17.42	72				stone up to 20 cm.,		
							Top of Box 7		
	17.42	17.93	51			60/18.29	interbedded dark grey claystone up to 35 cm., core is		
							broken		
	17.93	19.51	158			65/19.81			
							Top of Box 8		
	19.51	21.08	157			70/21.34	possible small loss, listric fractured surfaces on		
	21.08	21.68	60				bedding oxidized iron staining on bedding		
							Top of Box 9		
	21.68	22.42	74						
60°	22.42	22.63	21			75/22.86	Sandstone - fine to medium grained, light grey, dark grey claystone		
	22.63	23.89	126				interbeds, sandstone is thin laminated rip-up clasts,		
							carbonaceous plant fragments.		
							Top of Box 10		
	23.89	24.16	27			80/24.38			
	24.16	24.84	68						
	24.84	25.78	94			85/25.91	Siltstone - dark grey, iron stained, broken core, possible small		
	25.78	25.99	21				loss, plant fossils on bedding surfaces, some listric		
							surfaces where broken, then coal layers on some bedding		
							surfaces, minor calcite on broken surfaces.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7806 SHEET No: 3
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 11		
	25.99	27.39	140			91/27.34			
	27.39	27.59	20						
	27.59	28.25	66				Sandstone - medium-grained light grey, interbedded with dark grey siltstone up to 10 cm. Siltstone predominantly in thin laminated soft sediment deformation and/or bioturbated.		
							Top of Box 12		
	28.25	29.05	80			96/29.26	Sandstone - medium to coarse-grained, light grey salt and pepper,		
	29.05	29.52	47				massive fracture at B.C.A. of 76° has iron staining, minor calcite filled hairline fracture.		
	29.52	29.98	46			100	Interbedded sandstone and siltstone -		
	29.98	30.41	43			(30.48)	sandstone as above, siltstone dark grey, sandstone thinly laminated, very broken up, probably core loss, much orange iron stains.		
							Top of Box 13		
	30.41	31.44	103			95	Sandstone - medium grained, light grey, thin black laminated		
	31.44	31.80	36			(28.96)	claystone interbeds toward bottom up to a few cm. broken, possible core loss. Very fractured with iron staining and listric surfaces, slickensided calcite and quartz on some bed surfaces.		
65	31.80	32.56	76				Claystone - dark grey, very friable in places, somewhat broken, some listric bed surfaces, coal layers up to 1 cm., silty near top and bottom.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7806 SHEET No: 4
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 14		
	32.56	33.08	52			110(33.53)			
	33.08	34.70	162			116(35.36)			
							Top of Box 15		
	34.70	36.83	213						
							Top of Box 16		
	36.83	37.05	22						
58	37.05	37.81	76			126(38.40)	Sandstone - light grey, fine to medium-grained, much bioturbated,		
	37.81	38.93	112				somewhat broken, possible small loss, thinly laminated.		
							Top of Box 17		
	38.93	39.38	45			131(39.93)			
	39.38	40.60	122						
	40.60	40.94	34			136	Siltstone - interbedded dark and light grey, sandy towards top,		
	40.94	41.04	10			(41.45)	broken, possible core loss. Prominent fracture 90° B.C.A. calcite and iron on fracture surface.		
							Top of Box 18		
	41.04	41.59	55						
	41.59	42.54	95			141	Claystone - dark grey friable, some iron stains.		
	42.54	43.28	74			(42.98)			

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7806 SHEET No: 5

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 19		
58°									
	43.28	43.75	47	25			Carbon claystone - dark to black - coaly, thin layers of coal occasionally.		
	43.75	43.83	8	4			C-2 - broken		
	43.83	43.90	7	4	0		C-3		
	43.90	44.02	12	7	146	146	C-2		
						44.50			
	44.02	44.20	18	11			Coal loss		
52°	44.20	44.76	56	34			Carbon claystone - as before, broken and oxidized.		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7806 SHEET No: 6
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							(From Box 20 to 24)		
	44.76	46.34	158			156	Sandstone - fine to medium-grained, light grey, interbedded dark		
	46.34	46.88	54			(47.55)	grey siltstone (from thin laminated to 20 cm. inter-		
							beds) 20 cm. dark grey claystone near bottom, listric		
							surface with some coal in claystone, minor coal lines		
							in sandstone, much bioturbated, fractures at steep		
							B.C.A. have iron staining, core somewhat broken, poss-		
							ible small loss. Minor calcite filled hairline frac-		
							tures in sandstone.		
	46.88	47.83	95			161			
	47.83	49.01	118			(49.07)			
	49.01	49.41	40			166(50.60)			
	49.41	50.86	145			171(52.12)			
	50.86	51.06	20						
	51.06	52.41	135			176(53.64)			
	52.41	53.09	68						
	53.09	53.97	88			181(55.17)			
	53.97	55.17	120						
	55.17	55.80	63				Rock loss.		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7806 SHEET No: 7
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 25		
51°	55.80	56.07	27				Silty claystone, dark grey with carbon laminae regular parallel bedding.		
						186			
	56.07	56.38	31			56.69	As above.		
	56.38	56.78	40				Carbon claystone, shelly with coaly specks		
	56.78	56.93	15				Coaly claystone, sheared highly broken		
	56.93	57.05	12	7	4153		Coal loss.		
	57.05	57.65	60	37			C-2 sheared, highly broken.		
						191			
	57.65	57.81	16			58.22	Carbon claystone - slickensides at the top.		
54°									

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7806 SHEET No: 8
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 26		
54°	57.81	58.89	108				Claystone - dark grey friable, listric bed surfaces, minor very bright coal on bed surfaces.		
	58.89	59.53	64				Rock loss.		
62°	59.53	60.25	72				Sandstone - medium grained, fine to medium grey, thin dark laminae, bioturbated, fracture at B.C.A. of 74°.		
	60.25	60.43	18				Claystone - dark grey friable, minor coal layer to 1 cm., broken, possible loss, iron staining on fractures.		
							Top of Box 27		
	60.43	61.03	60			201(61.26)			
	61.03	62.34	131						

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7806 SHEET No: 8
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							(From Box 28 to 30)		
	62.34	62.44	10				Sandstone - fine to medium grained, light grey, dark grey silty laminae and interbeds up to 15 cm. thick, fragment calcite filled fractures, iron stains on fracture surfaces, bioturbated in siltier parts.		
	62.44	62.57	13			206	(62.79)		
	62.57	64.01	144			211	(64.31)		
	64.01	64.46	45						
	64.46	65.48	102			216	(65.84)		
	65.48	66.56	108						
	66.56	66.83	27						
							(From Box 31 to 34)		
60°	66.83	66.95	12			221	(67.36) Sandstone - very coarse grained, medium grey, fragmented		
	66.95	68.49	154			226	(68.88) carbonaceous clasts, occasional pebbles up to		
	68.49	68.61	12				1 cm., thinly laminated, salt and pepper colour,		
	68.61	69.51	90				core loss rock top half broken with possible loss, calcite and iron staining of fracture surfaces. Finer grained at bottom. Cross laminae indicate tops are up. Few small calcite filled fractures.		
	69.51	70.75	124			231	(70.41)		
	70.75	71.65	90						
	71.65	73.68	203			241	(73.46)		
	73.68	75.14	146			246	(74.98)		
	75.14	75.76	62						
	75.76	75.92	16						

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7806 SHEET No: 10
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
52°	75.92	76.49	57		(76.50)	251	Sandstone - medium grey, coarse grained, conglomerate lenses,		
	76.49	77.91	142				pebbles up to 2.5 cm., coal lenses and clasts near top, sandstone is thinly laminated.		
							Top of Box 35		
	77.91	78.03	12		(78.03)	256			
	78.03	78.09	6						
	78.09	78.65	56				Claystone - dark grey, well indurated		
	78.65	79.55	90		(79.55)	261	Sandstone - fine to medium grained, medium grey, thin silty,		
	79.55	79.70	15				carbonaceous and laminated, bioturbated.		
	79.70	80.12	42				Claystone - dark grey, fairly well indurated, interbedded with fine grained sandstone and siltstone up to 10 cm. thick, bioturbated, broken near bottom, possible small core loss, iron staining of fracture surfaces.		
							Top of Box 36		
	80.12	81.04	92		(81.08)	266			
	81.04	82.28	124						
							Top of Box 37		
	82.28	82.58	30		(82.60)	271			
	82.58	83.60	102						
	83.60	84.01	41		(84.12)	276	Sandstone - fine to medium grained, light grey, thin dark grey		
	84.01	84.37	36				laminae, bioturbated, fractured at B.C.A. of 70°, calcite and iron staining on fracture surfaces		
50°							Top of Box 38		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7806 SHEET No: 11
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	84.37	85.28	91						
	85.28	85.52	24		(85.65)	281	Claystone - dark grey, somewhat friable, slickensides and calcite		
	85.52	86.17	65				on bed surfaces.		
	86.17	86.44	27				Sandstone - fine grained, medium grey, siltstone laminae and clasts coal lines and fragments, listric bed surfaces, bio-		
							turbated, broken near bottom with possible core loss.		
							Top of Box 39		
	86.44	86.85	41		(87.17)	286			
	86.85	87.80	95						
	87.80	88.02	22		(88.70)	291	Clayey siltstone - very broken up, probably core loss, sheared with		
	88.02	88.17	15				listric surfaces and calcite fractures filling		
	88.17	88.50	33				Claystone - dark grey, somewhat friable, very broken, listric surfaces, coaly partings		
							Top of Box 40		
	88.50	88.76	26						
75°	88.76	89.62	86		(90.22)	296	Sandstone - fine grained, medium grey, then siltstone laminae and interbeds (top 40 cm are siltstone) bioturbated and/or soft sediment deformed fracture B.C.A. 65°, iron staining, core broken near top and bottom of unit, possible loss. Grades into claystone at bottom.		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7806 SHEET No: 12
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	~~SAMPLE NUMBER~~	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 41		
	89.62	90.64	102				As above.		
	90.64	91.29	65		(91.74)	301			
	91.29	91.49	20						
							(From Box 42 to 46)		
	91.49	91.94	45				Claystone - dark grey, somewhat friable, occasional silty interbeds		
	91.94	93.34	140				up to 3 cm. thick, quite broken up with many listric		
							surfaces. Silty interbed near marker 320 45 cm. thick		
							(apparent) containing abundant calcite filled dendritic		
							fractures. Coal partings in claystone near here also.		
60°	93.34	93.51	17		(93.27)	306			
	93.51	95.05	154		(94.79)	311			
	95.05	95.31	26						
	95.31	96.47	116		(96.32)	316			
	96.47	97.42	95						
	97.42	98.04	62		(97.54)	320			
	98.04	98.20	16						
68°	98.20	98.45	25				Coal loss.		
	98.45	99.44	99		(99.06)	325			
	99.44	99.75	29		(100.58)	330	Coal loss.		
	99.75	101.17	42						
	101.17	101.47	30						

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7806 SHEET No: 13
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	101.47	101.96	49	(	102.11)	335	Sandstone - fine grained, medium grey, thin dark laminae, cross		
	101.96	103.17	121				lamentations indicate tops are up, grades down into siltstone, somewhat broken with iron staining and calcite on fracture surfaces. B.C.A. for fractures is 65°. Siltstone is bioturbated. Bottom half of unit is predominantly siltstone.		
							Top of Box 47		
	103.17	103.42	25	(	103.63)	340			
	103.42	104.99	157	(	105.16)	345			
	104.99	105.21	22						
							Top of Box 48		
64°	105.21	106.49	128	(	106.98)	351	Silty claystone - dark grey, friable in places, fractured at F.C.A.		
	106.49	107.16	67				90°, coaly partings, broken and possible core		
	107.16	107.45	29				loss.		
							Top of Box 49		
	107.45	109.45	200				As above.		
							Top of Box 50		
	109.45	109.52	7				As above.		
							(From Box 51 to 57)		
60°	109.52	110.01	49	(	110.03)	361	Sandstone - thin dark grain laminae, fine to medium grey, medium grained silty interbeds up to 50 cm. thick especially near bottom. Occasional calcite filled hairline fractures (B.C.A. of fractures approximately 75°) (Fractures have lystric surfaces). Sandstone appears bioturbated and contains small rip up clasts.		
	110.01	111.53	152	(	111.56)	366			
	111.53	112.97	144	(	113.08)	371			
	112.97	113.70	73						

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7806 SHEET No: 14
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	113.70	114.53	83		(114.60)	376			
	114.53	115.81	128						
	115.81	115.92	11		(116.13)	381			
	115.92	117.45	153		(117.65)	386			
	117.45	117.84	39						
	117.84	118.96	112		(119.18)	391			
	118.96	119.63	67		(119.79)	393			
	119.63	119.98	35						
	119.98	122.08	210						
	122.08	122.80	72		(123.14)	404	Core broken with iron staining in this box.		
	122.80	124.23	143						
	124.23	124.50	27						
	124.50	124.66	16		(124.66)	409			
	124.66	124.77	11						
	124.77	126.23	146		(126.19)	414	Silty claystone - dark grey, friable where predominantly claystone, some fragmented sandstone, fractures on bed surfaces are lystric and contain calcite fractures also at B.C.A. 10°, have slickensides and calcite filling		
	126.23	126.36	13						

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7806 SHEET No: 15

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
75°	126.36	126.56	20				Sandstone - fine grained, thin silty laminae, frequent calcite filled fractures, F.C.A. 20°, somewhat broken, possible core loss.		
							Top of Box 58		
	126.56	127.77	121		(127.71)	419			
	127.77	128.06	29						
	128.06	128.66	60				Claystone - dark grey, friable, some thin interbeds, silty towards bottom.		
							Top of Box 59		
	128.66	128.91	25				S.C.R. 25°, S.C.A. 65°		
							(From Box 60 to 63)		
	128.91	129.66	75		(129.54)	425	Sandstone - fine grained, medium grey, thin dark grey laminae, silty interbeds up to 6 cm. soft sedimentary deformation, broken throughout, possible small core loss (especially Boxes 60 and 62). A few claystone interbeds containing plant fossils, sheared bed surface near bottom, B.C.A. 75°.		
	129.66	131.01	135						
	131.01	131.29	28		(131.06)	430			
	131.29	132.89	160		(132.59)	435			
	132.89	133.14	25						
	133.14	134.51	137		(134.11)	440			
	134.51	135.34	83						
75°	135.34	136.24	90		(135.94)	446			
	136.24	137.19	95		(136.86)	449			
	137.19	137.97	78						

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7806 SHEET No: 16
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
53°	137.97	138.49	52	(	138.38)	454	Claystone - silty, dark grey, thin siltstone and fine grained sandstone interbeds, abundant plant fragements, broken, possible small core loss, sheared bed surfaces (S.C.A.=B.C.A.)		
	138.49	139.26	77						
							Top of Box 64		
	139.26	139.98	72	(	139.90)	459			
	139.98	140.58	60						
							Top of Box 65		
	140.58	140.68	10	(	141.43)	464			
	140.68	141.13	45						
68°	141.13	141.95	82				Sandstone - medium grey to light grey, think dark grey laminae, F.C.A. 25° with calcite broken at bottom, possible loss, calcite.		
							(From Box 66 to 70)		
	141.95	142.61	66				Claystone - silty, occasional fine grained light grey interbeds, frequent plant fragments, occasional shearing along bed S.C.A. 55 with calcite, friable claystone towards bottom.		
	142.61	143.85	124	(	144.48)	474			
	143.85	144.77	92						
	144.77	145.43	66	(	146.00)	479			
	145.43	146.86	143						
	146.86	147.06	20	(	147.52)	484			
	147.06	148.63	157	(	149.05)	489			
	148.63	148.86	23						

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7806 SHEET No: 17
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	148.86	149.80	94		(150.88)	495			
	149.80	149.95	15				Coal loss.		
	149.95	151.02	107						
	151.02	151.84	82		(152.40)	500			
	151.84	152.29	45						
	152.29	153.05	76				Sandstone - fine grained, medium grey, S.C.A. with calcite is 38°, silty clasts		
							Top of Box 71		
	153.05	153.37	32		(153.92)	505			
	153.37	153.47	10						
	153.47	154.97	150				Siltstone - medium grey, friable at top, sandy towards bottom, S.C.A. is 37°		
	154.97	155.20	23				Sandstone - fine grained, light grey		
							Top of Box 72		
	155.20	155.32	12						
	155.32	156.52	120		(157.28)	516?	Claystone - dark grey, friable, S.C.A. is 50° with minor calcite, minor coal parting		
	156.52	157.36	84						
							Bottom Box 72		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7806 SHEET No: 18

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 73		
	157.36	158.05	69		(158.80)	521	Carbonaceous claystone - some thin coal layers		
66°	158.05	159.25	120				As above.		
	159.25	159.28	3	1			C-2 highly broken		
	159.28	159.92	64	26	(160.32)	526	Coal loss.		
	159.92	160.02	10	4			Carbonaceous claystone as before.		
							Top of Box 74		
	160.02	161.43	141	53	(161.85)	531	Claystone as in Box 72.		
	161.43	162.08	65	24			" " " " "		
							Top of Box 75		
	162.08	162.75	67	25	(163.37)	536	Carbonaceous claystone - coal inclusions		
	162.75	163.22	47	18			as above		
	163.22	163.27	5	2			C-3		
	163.27	163.36	9	4			C-2		
	163.36	163.42	6	2			C-3		
	163.42	163.95	53	19			C-1		
	163.95	164.05	10	4			C-2		
	164.05	164.13	8				Coaly claystone highly broken		
70°									
							Top of Box 76		
	164.13	164.49	36				Claystone as in Box 72.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7806 SHEET No: 19

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	164.49	165.64	115		(166.42)	546	Sandstone - fine to medium grained, medium grey, interbedded silt-		
	165.64	165.78	14				stone up to 1 cm., silty near top, claystone rip up clasts at bottom.		
70°	165.78	166.02	24				Claystone - medium to dark grey, friable in places, coal parting up to .5 cm., silty interbedded up to ± 10 cm., listric shear surfaces S.C.A. 60° (shear surfaces are 11 and sub 11 bed planes) silt and fine grained sand at bottom.		
							Top of Box 77		
	166.02	167.06	104		(167.94)	551			
	167.06	168.26	120						
							Top of Box 78		
	168.26	168.62	36		(169.47)	556			
	168.62	170.21	159		(170.99)	561			
	170.21	170.51	30						
							Top of Box 79		
	170.51	171.78	127		(172.52)	566			
	171.78	172.61	83						
							Top of Box 80		
	172.61	173.31	70		(174.04)	571			
	173.31	174.74	143						
	174.74	174.95	21		core loss		Top of Box 81		
	174.95	175.03	8		(175.56)	576	Carbonaceous claystone coal inclusion		
	175.03	176.00	97				As above.		
	176.00	176.12	12	4	(177.09)	581	C-2 highly broken)		
	176.12	176.27	15	5			C-2) COAL		
	176.27	176.95	68	24			Coal loss)		
	176.95	177.03	8	3			Coaly claystone, highly broken		
	177.03	177.48	45	17			Carbonaceous claystone as before, silty lower base.		

DENISON MINES LIMITED
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DIAMOND DRILL CORE LOG

HOLE No: BD 7806 SHEET No: 20

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 82		
	177.48	177.70	22	9			Carbonaceous claystone.		
	177.70	177.80	10	4	(178.61)	586	C-1)		
	177.80	177.97	17	7			C-1) COAL		
	177.97	178.10	13	5			Coal loss)		
	178.10	178.22	12	5			Carbonaceous claystone.		
	178.22	179.72	150		(180.18)	591	Silty claystone medium to dark grey with some carbonaceous fragments		
	179.72	179.92	20				as above uniform		
							Top of Box 83		
							(From Box 84 to 86)		
	179.92	182.14	222				Siltstone - medium grey, somewhat friable, minor fine grained sandstone clasts up to 10 cm.		
	182.14	182.85	71		(183.18)	601			
	182.85	184.35	150						
	184.35	184.38	3		(184.71)	606			
	184.38	185.92	154		(186.23)	611			
	185.92	186.54	62						
	186.54	187.42	88				Claystone - medium grey, friable		

DENISON MINES LIMITED
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DIAMOND DRILL CORE LOG

HOLE No: BD 7806 SHEET No: 21

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	~~SAMPLE NUMBER~~	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							(From Box 87 to 95)		
65°	187.42	187.52	10		(187.76)	616	Sandstone - fine to medium grained, light grey, silty near top, dark		
	187.52	188.62	110		(188.67)	619	grey laminae, abundant calcite veins, broken near top,		
	188.62	188.75	13				possible core loss, soft sediment deformation and/or		
75°							bioturbation near top, ripple drift lams near bottom		
							(bed apparently upright), siltstone intercalations common		
							near top only		
	188.75	189.72	87				Rock loss		
55°							F.C.A. near top 68°, F.C.A. near bottom 40°		
	189.72	190.45	73		(190.50)	625			
	190.45	191.85	140						
	191.85	192.08	23		(192.33)	631			
	192.08	193.73	165		(193.85)	636			
	193.73	193.90	17						
	193.90	195.29	139		(195.38)	641			
	195.29	196.03	74						
	196.03	196.92	89		(196.90)	646			
	196.92	198.16	124						
	198.16	198.35	19		(198.42)	651			
	198.35	199.71	136		(199.95)	656			
	199.71	200.11	40						
	200.11	201.19	108		(201.47)	661			
	201.19	202.09	90						

DENISON MINES LIMITED
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DIAMOND DRILL CORE LOG

HOLE No: BD 7806 SHEET No: 22
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	202.09	202.72	63		(203.00)	666			
	202.72	204.32	160		(204.52)	671			
	204.32	205.09	77				Rock Loss		
	205.09	205.75	66		(206.04)	676	Occasional carbonaceous parting.		
	205.75	206.28	53						
	206.28	207.15	87		(207.57)	681	Broken core, possible small loss.		
	207.15	208.31	116						
							(Boxes 96 and 97)		
	208.31	208.40	9				Sandstone - fine grained, light grey, thin laminae, abundant carbonaceous lines and partings. Broken, possible small core loss. F.C.A. with calcite 40°. Listric surfaces on carbonaceous partings. Bed somewhat contorted. Calcite.		
	208.40	208.75	35		(209.09)	686			
	208.75	209.81	106		(210.01)	689			
	209.81	210.54	73						
60°	210.54	211.42	88		(211.84)	695			
	211.42	211.85	43						

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7806 SHEET No: 23
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							(From Box 98 to 108)		
55°	211.85	212.69	84				Sandstone - light to medium grey, medium to coarse grained to grit,		
	212.69	213.02	33		(213.36)	700	some fine grained interbeds, the thickest of which is 34 cm., calc-		
	213.02	214.61	159		(214.88)	705	areous, frequent carbonaceous parting clasts, frequent calcite filled		
	214.61	214.89	28				fractures, shearing on carbonaceous parting, finer grained sandstone is		
	214.89	215.84	95		(216.41)	710	thinly laminated, coarser material has salt & pepper colour. Finer		
	215.84	217.02	118				grained sandstone has distorted bed and contains silty clasts. Core		
							broken in places with possible small core loss. F.C.A. (near top) 45°,		
							F.C.A. (near middle) 60°, 10°, S.C.A. (near bottom) 78°.		
	217.02	217.32	30		(217.93)	715			
	217.32	218.42	110		(219.46)	720			
	218.42	218.73	31						
	218.73	219.95	122		(220.98)	725			
	219.95	220.83	88						
	220.83	221.49	66		(222.20)	729			
	221.49	222.92	143						
	222.92	223.02	10		(223.72)	734			
	223.02	224.48	146		(225.25)	739			
	224.48	224.85	37						
65°									
	224.85	226.04	119		(226.77)	744			
	226.04	226.94	90						
	226.94	227.59	65		(228.30)	749?			
	227.59	229.02	143						
	229.02	229.19	17		(229.82)	754			
	229.19	230.77	158		(231.65)	760			
	230.77	231.04	27						

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7806 SHEET No: 24
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	231.04	232.36	132		(233.17)	765			
	232.36	233.05	69						
	233.05	233.79	74		(234.70)	770			
60°	233.79	234.43	64						
50°	234.43	235.19	76				Sandstone - fine grained, light to medium grey, thin siltstone laminae and interbeds up to 1 cm. Frequent plant fragements, frequent calcite filled fractures. F.C.A. 60°, sheared and listric bedding surfaces.		
							Top of Box 109		
	235.19	235.34	15		(236.22)	775			
	235.34	235.81	47						
45°									
	235.81	236.77	96		(237.74)	780	Claystone - dark grey, well indurated, siltstone and fine grained sand near top, occasional coal parting less than 1 cm., shearing on bed and irregular calcite filled fractures		
	236.77	237.30	53						
							Top of Box 110		
	237.30	237.42	12	8			C-2 partly sheared)		
	237.42	237.45	3	3			Carbonaceous claystone)		
	237.45	237.51	6	4			C-3)		
45°	237.51	237.82	31	22	46/12		C-2) COAL		
	237.82	237.85	3	2			C-3)		
	237.85	238.28	43	30	(239.27)	785	C-2)		
	238.28	238.62	34	24			C-1)		
	238.62	239.20	58				Carbonaceous claystone - silty at base, some slickensides.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7806 SHEET No: 25
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 111		
70°	239.20	239.60	40				Sandstone - very fine grained, light grey, thin siltstone and claystone interbeds up to 1 cm., abundant thin calcite filled fractures, bed somewhat contorted, F.C.A. 0°-15°.		
	239.60	239.66	6		(240.49)	789	Claystone - dark grey to black, frequent thin coal lines (probable		
	239.66	240.86	120		(242.32)	795?	plant fossils) occasional thin coal parting usually less		
	240.86	241.00	14				Rock Loss. than 1 cm., core at top is broken with probable loss.		
	241.00	241.25	25				Coal Loss.		
	241.25	241.50	25						

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7806 SHEET No: 26
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 112		
49°	241.50	242.23	73	48			Carbonaceous claystone with coaly inclusion		
	242.23	242.73	50	33			Claystone with some carbon fragment, uniformed massive		
	242.73	243.20	47	31	(243.54)	799	As above, carbon at the base		
	243.20	243.57	37	24			Coal loss.		
	243.57	243.80	23	15			C-1, broken - pulverized		
50°	243.80	243.96	16	10			Carbon claystone, highly broken.		
							Top of Box 113		
	243.96	245.06	110	71			Carbonaceous claystone, as above - good core.		
	245.06	245.11	5	3	(245.97)	807	Coaly claystone, highly broken.		
	245.11	245.20	9	6			C-3		
	245.20	245.30	10	6			C-1		
	245.30	245.38	8	5			C-2		
	245.38	246.25	87	56			Coal loss.		
	246.25	246.37	12	8			Carbonaceous claystone - coaly, highly broken		
	246.37	246.67	30		(247.19)	811	As above.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7806 SHEET No: 27
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 114		
	246.67	247.79	112		(248.72)	816	Claystone - same description as box 111, well indurated except poor bottom where it is somewhat friable, broken core indicates possible loss.		
	247.79	248.81	102						
							Boxes 115, 116 and 117		
	248.81	249.39	58		(250.24)	821			
	249.39	250.80	141		(251.76)	826			
	250.80	250.88	8						
	250.88	251.55	67		(253.29)	831			
	251.55	252.30	75				Coal loss.		
	252.30	253.20	90						
	253.20	253.50	30		(254.81)	836	Coal loss.		
					(256.34)	841			
	253.50	255.21	171						
							Top of Box 118 Silty near bottom, irregular silt clasts indicate bioturbation.		
	255.21	256.61	140		(257.86)	846			
	256.61	257.30	69						
	257.30	257.86	56				Core loss.		
							Sandstone - fine grained, light grey, thin dark grey laminae, thin siltstone interbeds to 1 cm. Frequent calcite filled fractures, bed contorted, tops appear to be up. Occasional carbonaceous parting.		
							Top of Box 119		
	257.86	258.36	50						

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7806 SHEET No: 28
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	258.36	258.72	36		(259.38)	851	Claystone - dark brown, friable, thin coal parting near top, sheared		
	258.72	259.37	65				bed surface, bottom 25 cm. are siltstone.		
40°	259.37	259.87	50				Sandstone - fine grained, light grey, repititious siltstone interbeds to 1 cm., calcite on sheared surfaces, 11 to bed.		
							Top of Box 120		
	259.87	260.17	30		(260.91)	856	Carbonaceous claystone - few silty bands at top.		
	260.17	260.37	20				As above.		
	260.37	260.70	33	22			Carbonaceous claystone - coaly, highly broken		
	260.70	260.87	17	12			Coal loss		
	260.87	261.11	24	16			C-2		
	261.11	261.36	25	16	(262.13)	860	C-1		
	261.36	261.48	12	7			C-1		
	261.48	261.55	7	4			Carbonaceous claystone		
58°	261.55	261.90	35	20			Claystone loss		
	261.90	262.33	43	23			C-2 - highly broken, sheared at top, pulverized at base.		
							Top of Box 121		
	262.33	262.66	33	16			C-1 - partly sheared		
	262.66	262.72	6	3			C-3		
	262.72	263.26	54	21			C-2 - broken and sheared at base.		
	263.26	263.60	34	15			Coal loss		
	263.60	263.77	17	7	(264.57)	868	Carbonaceous claystone.		
	263.77	264.12	35	15			As above.		
	264.12	264.80	68	25	(269.48)	871	Coal loss.		
	264.80	264.90	10	4			C-2		
	264.90	265.00	10	4			Carbonaceous claystone - highly broken.		
							Top of Box 122		
	265.00	265.50	50				Sandstone - bed very contorted and sheared.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7806 SHEET No: 29
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	265.50	265.89	39		(266.70)	875	Claystone - dark grey, some friable, siltstone interbeds to 20 cm.		
	265.89	266.50	61				35 cm. of siltstone at base. Abundant sheared listric surfaces		
							apparently 11 or sub 11 to bedding. Broken core possible loss.		
							Occasional thin coal partings to 1 cm.		
	266.50	266.80	30				Coal loss.		
	266.80	269.42	262						
							Top of Box 123		
	269.42	269.56	14		(268.22)	880			
	269.56	269.86	30						
70°	269.86	270.89	103		(269.75)	885	Sandstone - fine grained, light grey, thinly laminated with dark		
	270.89	271.24	35				grey laminae , clayey and silty interbeds up to 3 cm. B.C.A.		
							near bottom of Box 124) 85°. Listric bed surface is in sandstone.		
							Top of Box 124		
					(271.27)	890			
	271.24	272.08	84						
							Top of Box 125		
	272.08	272.83	75		(272.80)	895	Sandstone as above.		
	272.83	273.15	32				Claystone - carbonaceous, thin coal layers, highly broken.		
	273.15	274.18	103	40	(273.41)	897	Coal loss))		
	274.18	274.33	15	6			C-2))		
	274.33	274.59	26	11	(274.62)	901	C-1))		
	274.59	274.71	12	5			C-1) Highly broken) COAL		
	274.71	274.75	4	2			C-2))		
	274.75	274.83	8	4			C-1))		
	274.83	274.95	12	6			C-2))		

46'0

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7806 SHEET No: 30
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 126		
	274.95	275.65	70				claystone loss		
	275.65	276.90	25		(276.15)	906	claystone dark grey, broken, sheared probable and loss for first 25CM		
	275.90	276.11	21						
60°	276.11	277.42	131		(277.67)	911	sandstone, fine grained, light grey, thin dark grey laminations, soft sediment deformation, siltstone interbeds and intercalations to Top few are predominantly siltstone. FCA at marker 911-25° with calcite Coal partings		
	277.42	277.75	33						
							TOP OF BOX 127		
60°	277.75	279.01	126		(279.20)	916	claystone, dark grey, well indulated, frequent carbonaceous fossils and		
	279.01	279.10	9				limestone, sheared lystric bed surfaces, somewhat broken, pass minor and loss.		
	279.10	279.33	23				sandstone, fine grained light to medium grained, thin dark grey laminations, calcite filled fractures, soft sediment definition, carbonaceous partings.		
							(from Box 128 to 133)		
	279.33	280.13	80				claystone, dark grey, relatively well indulated, silty interbed near top (50CM) 18CM, thinly interbanded fine grained sandstone and claystone just under the upper silty interbanded frequent calcite filled fractures, abundant lystric surfaces, abundant carbonaceous fragments and/or fossils. F.C.A. (near top) 70° S.C.A. (near bottom 68° somewhat broken throughout with possible core loss, highly sheared in box 129.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7806 SHEET No: 30

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	280.13	283.85	372						
					(283.77) 931				
	283.85	284.10	25				Coal loss		
	284.10	285.00	90						
	285.00	285.25	25				Coal loss		
					(285.29)				
	285.25	292.15	690						

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7806 SHEET No: 31
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 133		
	292.15	292.75	60				siltstone, dark brown, mottled texture indicating bioturbation and/or soft sediment deformation.		
54°	292.75	292.96	21		(292.91)	961	claystone, dark grey silty in places		
	292.96	293.41	45						
							TOP OF BOX 134		
	293.41	294.49	108		(294.44)	966			
	294.49	294.66	17						

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DENISON MINES LIMITED (COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7806 SHEET No: 32

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	294.66	295.47	81				claystone, dark grey, somewhat carbonaceous, highly sheared, broken, possible core loss, occasional calcite filled fractures		
	295.47	295.59	12				TOP OF BOX 135		
	295.59	295.96	37		(295.96)	971			
	295.96	296.17	21				(from Box 136 to 139)		
	296.17	297.50	133		(297.48)	976	claystone, dark grey, relatively well indurated, thin siltstone mottled bands up to a few CM, frequent calcite filled fractures, occasional silty and calcite clasts, frequent coal lines, fragments and partings, frequently sheared lystric surfaces. Core is broken with probable loss. F.C.A. (near top) 33° (may also be B.C.A.) S.C.A. (near bottom) 75°		
60	297.50	304.23	673				TOP OF BOX 139		
	304.23	304.83	60				claystone, dark grey, frequent carbonaceous lines and partings, highly sheared and broken, probable loss.		
45°	304.83	305.19	36		(305.10)	1001	siltstone, fine grained light grey, thin laminae, contorted bed probably due to soft sediment deformation, calcite matrix grades down into siltstone.		
	305.19	306.23	104				TOP OF BOX 140		
	306.23	306.32	9				siltstone, also has calcite matrix. (lower half of unit is siltstone) sheared bed surfaces with calcite. Occasional coal partings.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7806 SHEET No: 33

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	306.32	306.67	35		(306.63)	1006	claystone, dark grey, somewhat silty in places, carbonaceous		
		307.23	56		(308.15)	1011	partings and fragments sheared, abundant calcite fractures and		
		308.06	83				irregular fragments broken, probable core loss.		
60°									
75°	308.06	309.68	162		(309.68)	1016	siltstone, clayey near top and bottom fine grained, light grey sandstone		
		310.24	56				in middle. Sandstone interbands up to 50+CM. abundant calcite filled		
							fractures.		
							TOP OF BOX 142		
	310.24	311.31	107		(311.20)	1021	broken and sheared in places with probable loss. contorted bed, probable		
		312.37	106				soft sediment deformation. occasional carbonaceous partings and		
							fragments.		
							TOP OF BOX 143		
	312.37	312.83	46		(312.72)	1026	F.C.A. varies from 15° to vertical S.C.A. (near top 84°)		
		314.39	156		(314.25)	1031			
		315.09	70				rock loss		
							TOP OF BOX 144		
		315.77	68		(315.77)	1036			
		316.22	45						
							TOP OF BOX 145		
	316.22	317.26	104		(317.30)	1041			
		317.93	67						
		318.43	50				sandstone, fine grained sandstone, light to medium grained, thinly		
							laminated thin siltstone interbands to ± 1CM, abundant calcite filled		
							fractures. shearing on some fracture surfaces. Shearing on bed		
							surfaces. broken core. possible loss		
							TOP OF BOX 146		
	318.43	318.81	38		(318.82)	1046			
	318.81	320.24	143						
	320.24	320.33	9		(320.34)	1051	siltstone, dark medium grained, grades down into fine grained, thinly		
							laminated sandstone abundant calcite filled fractures and shears F.C.A. 84°		

B.C.A. in sandstone common fracture in sandstone at F.C.A. 33° broken. Prob. core loss

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

34

HOLE No: BD 7806 SHEET No:

DATE BEGUN: DEPTH: BEARING: U.T.M.:

DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:

LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	320.33	320.52	19						
							TOP OF BOX 147		
		321.77	125		(321.87)	1056			
		322.32	55						
67°	322.32	322.65	33				siltstone, dark grey, some calcite filled fractures both paralles to bed and at steep angles to bed. sheared bed surfaces broken, possible core loss		
							TOP OF BOX 148		
		323.49	84			323.39 /1061'			
		324.30	81						
75°	324.30	324.72	42				sandstone, fine grained, thinly laminated, siltstone interbeds up to 4 CM deformed sediment possible soft sediment deformation fractures and micro faults which displace laminations are filled with calcite sheared parallel and subparallel to bed. F.C.A. 58°, F.C.A. 20		
							TOP OF BOX 149		
62°	324.72	324.92	20						
	324.92	324.97	5			324.92 /1066'	claystone, dark grey, silty, well indurated, some calcite filled fractures		
	324.97	326.51	154			326.44 /1071'	S.C.A. (Probably along bed) 55°		
	326.51	326.75	24				some broken and possible loss		
							TOP OF BOX 150		
	326.75	327.10	35						

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7806 SHEET No: 35
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	327.10	327.64	54				sandstone, fine grained light grey, thinly laminated, abundant calcite filled fractures, lystric sheared surfaces along bed. B.C.A. 70° broken core possible loss.		
55°	327.64	328.16	52			327.96 /1076'	claystone, medium dark grey, silty in places. abundant lystric surfaces, of ten parallel to bed. frequent calcite filled fractures especially near top		
		328.78	62				TOP OF BOX 151		
	328.78	329.46	68			329.49 /1081'	dark grey material tends to be more friable than medium grain		
	329.46	330.50	104			330.71 /1085'	material. Occasional coal partings less than 1CM. some broken core and possible loss. frequent plant fragments especially leaves.		
	330.50	330.88	38				TOP OF BOX 152		
							25Cm of fine grain sandstone interbanded with siltstone near bottom.		
	330.88	332.31	143			332.23 /1090'			
	332.31	333.01	70			333.15 /1093'			
							TOP OF BOX 153		
	333.01	334.48	147			334.67 /1098'			
	334.48	334.79	31						
	334.79	335.06	27				claystone, dark grey, carbonaceous. F.C.A. 60°, friable, broken, possible core loss		
							TOP OF BOX 154		
	335.06	335.51	45			335.58 /1101'			
	335.51	335.96	45						
	335.96	336.02	6				claystone, very carbonaceous, at least 50% coal, powdered core probable loss		
	336.02	336.52	50				claystone, same as unit above coal		
	336.52	336.68	16						

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7806 SHEET No: 36
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	336.68	336.80	12			336.80	/1105' claystone with coal as above (very carbonaceous at least 30° coal powdered and core loss)		
	336.80	336.92							
	336.92	337.35	43				claystone, dark grey, sheared, abundant carbonaceous plant fragments S.C.A. 50°, coal partings and fragments calcite on shears and fractures. some broken core probable loss top 30 CM is carbonaceous.		
							TOP OF BOX 155		
	337.35	338.19	84			338.33	/1110'		
		338.26	7						
	338.26	339.55	129				claystone dark grey, very well indurated siltier toward bottom and grading into fine sand.		
							TOP OF BOX 156		
	339.55	339.65	10						
23°	339.65	339.83	18			339.85	/1115' sandstone, fine grain, light to medium grain, thin lamination, calcite filled fractures parallel and near perpendicular to,		
		341.63	180				core is broken. possible loss. some shearing parallel to bed. carbonaceous partings. F.C.A. 40° thinly laminated		
							TOP OF BOX 157		
90°	341.63	343.70	207						
							TOP OF BOX 158		
60°	343.70	344.41	71						
43°	344.41	344.64	23			344.42	/1130' sandstone, light to mecium grain, thinly laminated, cross laminated top appears to be up. carbonaceous partings. abundant calcite filled		
90°	344.64	345.61	97				fractures and shear surfaces. fractures commonly parallel to bed but are also found at high angles to bed core broken throughout possible loss, possible fault zone.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7806 SHEET No: 37
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 159		
	345.61	346.17	56			345.95	/1135'		
		347.69	152						
							TOP OF BOX 160		
	347.69	347.85	16			347.47	/1140'		
		349.56	161			349.30	/1146'		
12°	349.46	349.78	32						
							TOP OF BOX 161		
							(from Box 162 to 170)		
30°	349.78	350.93	115			350.82	/1151'		
							fine to medium grain, light grey, thinly laminated cross laminated tops upright, minor siltstone interbeds near bottom up to 25CM claystone partings, minor carbonaceous partings, abundant thin calcite filled fractures, usually at a steep angle to bed. S.C.A. 60, S.C.A.70, S.C.A. 27, occasional zones of high intensity disoriented fractures filled with calcite. 9CM zone in the middle is of powdered clay. shear surfaces parallel to bed are common. calcite matrix throughout.		
	350.93	369.24	1831						

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7806 SHEET No: 38
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 170		
	369.24	369.61	37			369.11 /1211'			
20°		370.19	58						
		370.39	20			369.87 /1213.5'	sandstone, fine grain, light grey, thinly laminated, silty		
		371.34	95				interbeds up to 40 CM bedding is contorted due to soft sedi-		
						TOP OF BOX 171	ment deformation and possible bioturbation. frequent calcite		
		371.96	62			371.55 /1219'	filled fractures. shearing parallel to bed. silty partings.		
62°		373.49	153			373.08 /1224'	carbonaceous fragments on bed plains. core is broken near		
		373.55	6			TOP OF BOX 172	top with possible loss. minor carbonaceous partings.		
		374.57	102			375.21 /1231'	S.C.A. near bottom 70°		
							claystone dark grey, fine grain sandstone interbeds up to 3CM, carbona-		
		374.85	28			375.51 /1232'	ceous fragments on bed plains frequent calcite filled fractures.		
		375.07	22				sheared bed surfaces. entire unit broken up with possible		
							core loss.		
25°		375.70	63				sandstone fine grain, thin bed, cross laminated, grades down into		
						TOP OF BOX 173	sandy siltstone carbonaceous partings, highly fractured with		
		376.24	54			377.04 /1237'	abundant calcite filling. shearing on bed plain		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7806 SHEET No: 39

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	376.24	377.54	130			378.26	/1241' a 10CM sheared claystone interbed in the middle of the		
		377.68	14				unit. broken core possible loss. bed is distorted and		
80°							broken.		
60°						TOP OF BOX 174			
		378.89	121			379.78	/1246'		
		379.22	33						
		379.62	40			TOP OF BOX 175	claystone, carbonaceous, highly sheared, powdered in places,		
							possible core loss abundant plant fragments in well indurated		
		379.79	17				material near bottom. some hairline thin calcite filled		
							fractures.		
		379.89	10				powdered		
		380.16	27			381.00	/1250'		
		381.50	134			382.22	/1254'		
		381.68	18						
		381.83	15			TOP OF BOX 176			
		381.89	6				powdered		
		382.02	13						
		382.35	33			383.74	/1259' powdered and broken		
		382.41	6				broken claystone		
		382.61	20				fine grain, light grain sandstone		
		382.95	34			384.35	/1261' powdered		
66°									
		383.44	49				claystone, very carbonaceous, very sheared, powdered or at least		
							very broken in places. some occasional small calcite filled		
							fractures		
						TOP OF BOX 177			
		383.58	14						
		383.70	12				broken and powdered		
		383.95	25						
		384.40	45				broken and powdered, much carbonaceous material		
		384.76	36				Loss		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7806 SHEET No: 40

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	384.76	385.02	26			385.88	/1266' silty claystone - fine grain sandstone interbeds up to 1CM		
60°		385.85	83				carbonaceous claystone interbanded near		
		386.00	15				bottom. abundant carbonaceous plant		
							broken, sheared		
							powdered carbonaceous		
							claystone. fragments. sheared surfaces, frequent		
							calcite filled fractures.		
		386.10	10				claystone - carbonaceous, powdered		
		387.00	90				rock loss		
							(From Box 179 - 182)		
	387.00	395.37	837				Description is missing		
						TOP OF BOX 182	Claystone dark grey and so on.		
		395.70	33						
25°		396.08	38			396.54	/1301' sandstone, fine grain, light to medium grain, thinly laminated,		
		397.47	139				band contorted, soft sediment deformation and/or bioturbation,		
							interbeded siltstone up to plus or minus 5CM, rip up clasts		
						TOP OF BOX 183	of sandstone and siltstone, sheared band surfaces, minor		
		397.64	17			398.07	/1306' calcite filled fractures.		
		399.10	146						

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7806 SHEET No: 41

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
33°	399.10	399.23	13			399.59/1311'	sandstone and siltstone, very fine grain to fine grain sandstone, light grey, interbanded with very fine siltstone and claystone. Upper half of unit is predominantly sandstone and siltstone in thin interbands up to a few CMs thick. lower half of unit is predominantly well indurated claystone. Some evidence of sediment deformation. Minor calcite filled fracture. S.C.A. 80°		
		399.56	33						
						TOP OF BOX 184			
		400.73	117			401.12/1316'			
		401.69	96						
						TOP OF BOX 185			
		402.31	62			402.64/1321'			
		402.36	5						
		403.86	150			404.16/1326'	claystone, dark grey, varies from somewhat firable to very well indurated, silty in places, sheared on bed surfaces highly sheared *broken and powdered up the middle third. frequent carbonaceous partings up to 1/2 CM occasionally calcite filled fractures *probable core loss.		
						TOP OF BOX 186			
		405.34	148						
		405.44	10			405.69/1331'			
		405.70	26				sheared, broken		
		406.04	34				powdered		
						TOP OF BOX 187			
		406.76	72			406.91/1335'			
		407.67	91				broken		
		407.96	29				broken, sheared, powdered		
		408.06	10			408.43/1340'			
		408.19	13						
		408.54	35			TOP OF BOX 188	broken, sheared, powdered		
		408.59	5						
		409.82	128			409.96/1345'			
		409.94	7						
30°		410.68	74				siltstone, dark grey, interlaminated with fine grain light grey sandstone. sandstone up to 1CM thick, some sediment definition. Probably soft sediment deformation. occasional coal partings.		
						TOP OF BOX 189			
		411.48	80			411.48/1350'			

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7806 SHEET No: 42
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	411.48	412.83	135			TOP OF BOX 190			
		413.90	107				(from Box 191 to 193)		
		414.00	10			413.31 /1356'	fine grain, light to medium grain, thinly laminated, interbanded with siltstone up to 15CM. some rup up		
		415.63	163			414.83 /1361'	clasts and soft sediment deformation. claystone partings plant fragments worm burrow, sheared bed surface. abundant		
		415.89	26				calcite fractures near bottom. F.C.A. (near bottom) 75°		
	415.89	419.24	335				and 65° (fractur pair) S.C.A. 40°, core broken, possible small loss near top.		
						TOP OF BOX 193			
		419.38	14			419.40 /1376'			
		420.20	82						
							(from Box 194 to 200)		
		420.88	68			420.93 /1381'	sandstone, fine grain, light to medium grain, thinly		
		421.26	38				laminated. thin clay partings. some silty sections up to 40CM thick. good cross laminations near top, tops upright. shearing on bed surface. frequent calcite filled fractures. F.C.A. (missle) 70° (bottom) 70° calcite matrix. broken core near top, broken in middle.		
	421.26	424.42	316						
	424.42	426.52	210				rock loss		
	426.52	432.97	645						

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

43

HOLE No: BD 7806 SHEET No:
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
						TOP OF BOX 200			
	432.97	433.65	68			434.64 /1426'			
42		434.15	50						
		435.07	92				siltstone, dark grey, interbanded with fine grain, light grey, thin laminated sandstone up to 40 CM. some contorted bands. abundant calcite fractures. two very thick fractures (3 CM, 1 1/2CM) F.C.A. 60°, calcite matrix, frequent plant fragments.		
						TOP OF BOX 201			
		435.23	16			436.17 /1431'			
		436.82	159			437.69 /1436'			
		436.98	16						
						TOP OF BOX 202			
		438.24	126			439.22 /1441'			
		439.00	76						

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7806 SHEET No: 44
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 203		
35°									
	439.00	439.45	45				carbonaceous claystone, laminated with (carbonaceous) plant fossils		
	439.45	439.60	15	12			C-3 highly broken, partly sheared		
		439.69	9	7			C-2		
		439.90	21	17			C-1		
		440.09	19	16			C-2		
		440.11	2	2			C-4		
		440.24	13	11	4607		C-1		
		440.38	14	11			C-1		
		440.40	2	2			C-4		
		440.83	43	35			C-1 broken, partly sheared, pulverized at base.		
							TOP OF BOX 204		
		441.03	20	17			C-2		
						1654.6'/443.36			
		441.22	19	16			C-3 sheared		
		441.74	52	44			C-2		
		441.85	11	9			coal loss		
		441.89	4	3			coaly claystone		
		442.10	21	18			claystone loss		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7806 SHEET No: 45
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	442.10	442.35	25	21			C-1		
						1458'/444.40			
		442.42	7	6			C-1		
		442.48	6	5			C-2		
		442.79	31	26			C-1		
		442.82	3	3			C-3	132/550	24
		443.14	32	27			C-1		
							TOP OF BOX 205		
		443.95	81	70			C-1		
		444.95	100	87			coal loss		
		445.09	14	12			carbonaceous claystone		
		445.11	2	2			C-3		
		445.18	7	6			carbonaceous claystone		
		445.35	17	15			claystone loss		
		445.44	9	8	8094		C-4		
		445.55	11	10			carbonaceous claystone		
						1466'/446.84			
		445.70	15	13			coaly claystone		
30°		446.38	68	59			carbonaceous claystone		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7806 SHEET No: 46
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 206		
35°	446.38	446.84	46	38			as above		
		447.06	22	18		1471'/448.36	sandstone, fine grain, carbonaceous laminations, some coaly specks		
42°		447.78	72	54			claystone, carbonaceous fragments fossiliferous, regular bed.		
		448.42	64	48			carbonaceous claystone, coaly stringers at base. highly broken.		
		448.99	57	42		1476'/449.88	claystone loss		
							TOP OF BOX 207		
43°		450.21	122	89			carbonaceous claystone, slices at base with some $CaCo_3$		
		450.33	12	9			coaly claystone, sheared, broken		
		451.05	72	53	4609	1481'/451.41	C-2 highly broken		
							TOP OF BOX 208	102/102	100
		451.35	30	22			C-1 mostly vitrain, pulverized at base.		
		451.65	30				carbonaceous claystone		
		451.79	14				sandstone, fine grain, carbonaceous laminae		
		451.99	20				siltstone with sandt band and carbonaceous specks		
		453.07	108			1486'/452.93	sandstone, fine grain, cross beded, carbonaceous laminae, some $CaCo_3$ veins.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7806 SHEET No: 47
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	453.07	453.20	17				siltstone as siltstone before.		
							TOP OF BOX 209		
44°	453.20	453.26	6			454.46'/1491	sandstone and siltstone interbanded fine grain, light grey,		
		454.78	152			455.37'/1494	thinly laminated sandstone and dark grey siltstone beds of plus or minus		
		455.18	40				30 CM. carbonaceous partings in		
		455.86	68				loss TOP OF BOX 210 sandstone and siltstone, sheared bed		
		456.91	105			457.50'/1501	surface, minor calcite filled fractures.		
		457.87	96				claystone well indurated, minor silty clasts,		
		457.93	6				20 CM fine grain sandstone interbands		
		458.43	50			459.03'/1506	TOP OF BOX 211 near bottom. carbonaceous partings		
		459.90	147			460.55'/1511	broken, possible small core loss		
		459.95	5						
		461.42	147				loss TOP OF BOX 212		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7806 SHEET No: 48

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION (from Box 213 to 217)		RECOVERY m.Rec.	RECOVERY %
40°	461.42	461.90	48			462.08'/1516	sandstone	fine grain, light grey, thinly laminated frequent siltstone and silty claystone interbeds to 30CM. claystone partings, sheared bed surfaces, minor calcite filled fractures.		
	461.90	470.00	810							
							TOP OF BOX 217			
		470.10	10			471.22'/1546	claystone	dark grey, well indurated, silty partings minor fine grain sand stone fine fragments, coal partings, shearing on bed surfaces		
		471.55	145			472.74'/1551				
		472.03	48							

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7806 SHEET No: 49
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 218		
34°	472.03	472.38	35				siltstone, sandy, regular parallel bedding, carbonaceous laminae and inclusions		
	472.38	472.93	55			1556'/474.27	claystone with carbonaceous fragments uniformed		
	472.93	473.38	45				as above		
	473.38	473.60	22	18	4604		C-2		
	473.60	473.70	10	8			C-1		
	473.70	473.77	7	6			C-2		
						1559'/475.18			
	473.77	473.86	9	7			C-1		
	473.86	474.20	34	28			coal loss		
	474.20	474.28	8	7			coaly claystone, sheared, broken		
	474.28	474.55	27	22			claystone loss		
	474.55	474.59	4	3			C-3		
	474.59	474.70	11	9			coal loss		
					4605		TOP OF BOX 219		
	474.70	474.79	9	7			carbonaceous claystone		
	474.79	475.00	21	17			C-2		
	475.00	475.50	50	41			coal loss		
	475.50	475.59	9	7			sandstone, fine grain, carbonaceous with laminae of claystone		
	475.59	476.15	55	46			claystone loss		
	476.15	476.36	21	17			C-1		
	476.36	476.38	2	2			C-3		
	476.38	476.49	11	9			C-1		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7806 SHEET No: 50
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
						1564'/476.71			
	476.49	476.71	22	18			C-2		
	476.71	477.11	40	32			C-1		
						1567'/477.62			
	477.11	477.19	8	7			C-2		
	477.19	477.42	23	19	4606		C-1, sheared, pulverized	350/596	59
							TOP OF BOX 220		
	477.42	478.02	60	49			C-1		
						1571'/478.84			
	478.02	478.15	13	11			C-1		
	478.15	478.26	11	9			C-2		
	478.26	478.66	40	32			C-1		
	478.66	479.35	69	57		1575'/480.06	coal loss		
	479.35	479.48	13	11			carbonaceous claystone		
	479.48	479.58	10	8			coaly claystone, highly broken		
	479.58	479.71	13	11			carbonaceous claystone		
35°									

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7806 SHEET No: 51
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	479.71	479.99	28				TOP OF BOX 221		
		480.56	57			481.58'/1580	claystone — dark grey, about half of unit is silty, carbonaceous partings, plant fragments shearing with calcite on band.		
		480.66	10						
35°		482.11	145				sandstone — fine to medium grain light to medium grain, thinly laminated, some minor siltstone interbeds up to 20CM, carbonaceous partings, shearing on bed surface with calcite minor calcite filled fracturing		
							TOP OF BOX 222		
		482.18	7			483.11'/1585			
		483.68	150			484.63'/1590			
		484.25	57						
							TOP OF BOX 223		
		484.78	53						
		485.23	45			486.16'/1595	siltstone — dark grey, inter laminated with fine grain sandstone. carbonaceous plant fragments, abundant shearing on bed with calcite. core broken, possible loss. S.C.A. 70° minor calcite filled fractures		
75°		486.23	100				TOP OF BOX 224		
45°		486.30	7			489.20'/1605			
		487.20	90				claystone — dark grey, abundant plant fragments, occasional calcite filled fractures, many sheared bed surfaces. carbonaceous toward bottom.		
		487.70	50				sandstone — fine grain, thin laminae, a few thin silty interbands contorted band on a small scale, carbonaceous partings. abundant calcite filled fractures sheared bed surfaces		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7806 SHEET No: 52
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION		RECOVERY m.Rec.	RECOVERY %
	487.70	487.79	9				claystone	dark grey, highly sheared		
		487.83	4				carbonaceous claystone	broken and powdered		
		488.28	45				rock loss			
		488.63	35				claystone	dark grey, abundant small calcite fractures and fragments. carbonaceous partings.		
							TOP OF BOX 225			
40°							sandstone	fine grained, light to medium grey, thinly laminated with dark grey siltstone interlaminated.		
		489.22	59			487.68'/1600		some soft sediment deformation shearing on bed surfaces with calcite also occasional calcite filled fracture		
		490.44	122							
		490.66	22				siltstone	dark grey inter bed with claystone (30%) abundant disoriented calcite filled fractures sheared and broken to R5 probable core loss		
							TOP OF BOX 226			
		491.72	106			492.25'/1615				
		492.56	84				sandstone			
							TOP OF BOX 227			
		493.15	59			493.78'/1620		fine grained medium grey, thinly laminated inter beds with siltstone up to 25CM abundant disoriented calcite filled fractures. abundant shear surface broken core probable loss		
		494.60	145							

DENISON MINES LIMITED (COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7806 SHEET No: 53

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 228		
							claystone highly sheared and broken		
	494.60	494.69	9			495.30'/1625			
		494.82	13				claystone dark grey abundant plant fragments, highly sheared and occasional calcite fractures.		
42°		495.40	58				sandstone fine grained, medium grey thin laminae interlaminated with silty claystone. frequently shear surfaces on bedding and also at an angle to bedding S.C.A. 70°		
		496.33	93			496.82'/1630			
							TOP OF BOX 229		
		496.65	32						
							(from Box 230 to 231)		
							claystone dark grey silty interbeds relatively well		
		497.44	79				rock loss indurated coal partings, abundant plant		
		497.69	25			498.35'/1635	fragments deformed sediment possibly due to bioturbation. sheared bedding surfaces some broken core and possible loss. calcite on shear surfaces.		
	497.69	502.40	471						

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7806 SHEET No: 54

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 232		
45°	502.40	503.20	80	57			claystone, silty laminae, regular parallel bed, carbonaceous with coaly inclusions at base.		
	503.20	503.58	38	27			coal loss		
	503.58	503.70	12	8			C-3		
	503.70	503.85	14	10			carbonaceous claystone		
	503.85	504.83	98	69			coal loss		
	504.83	505.06	23	16			C-3, highly broken		
46°						1656'/504.75			
	505.06	505.64	58	40			C-2		
							TOP OF BOX 233	203/339	60
	505.64	505.76	12	8			C-1		
						1659.6'/505.85			
	505.76	505.87	11	8			C-1		
	505.87	506.35	48	33			C-2 sheared, broken		
47°						1664'/507.19			
	506.35	506.60	25	17			C-1		
	506.60	506.76	16	11			claystone with carbonaceous fragments, massive		
		507.13	37	25			siltstone -- sandy some slicks and $CaCo_3$ inclusions		
75°		507.38	25				sandstone, silty bands, joint with quartz crystals		
47°									

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Form 71-0150-R04

DENISON MINES LIMITED (COAL DIVISION)

DIAMOND DRILL CORE LOG

55

HOLE No. BD 7806 SHEET No: _____

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION		RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 234			
	507.38	507.45	7			509.02'	/1670 silty claystone	same as box 231		
		508.92	147			510.54'	/1675			
		509.11	19				sandstone	fine to medium grained, light to medium grey thinly laminated, some soft sediment deformation, carbonaceous claystone partings.		
		509.44	33							
							TOP OF BOX 235			
		510.45	101			512.06'	/1680			
		510.51	6				6CM of broken core			
							claystone	dark grey. some fine grain sandstone interbeds up to 1.5CM		
35°		511.28	77				sandstone	fine to medium grain, light to medium grey thinly laminated and cross laminated tops upright shear on bed surfaces S.C.A. 50		
		511.65	37							

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7806 SHEET No: 56
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 236		
	511.65	511.79	14				claystone, dark grey well indurated frequent silty interbeds and interlaminated. some fine grain sandstone interlaminations. coal partings abundant plant fragments in claystone. some calcite and shearing on bedding surfaces		
		512.01	22			513.59' /1685			
		513.55	154			515.11' /1690			
		514.60	105						
							TOP OF BOX 237		
		515.66	106			516.64' /1695			
		516.39	73						
							TOP OF BOX 238		
45°							sandstone, fine to medium grain, light to medium grey, regular siltstone and claystone interlaminations, soft sediment deformation. plant fragments, coal partings.		
		517.25	86			518.46' /1701			
		518.49	124						

Form 71-0150-R04

DENISON MINES LIMITED — DIAMOND DRILL CORE LOG

COAL DIVISION

HOLE No. BD 7806 SHEET No: 57

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 239		
	518.49	518.74	25			519.99'/1706			
		520.34	160			521.51'/1711			
		520.43	9				TOP OF BOX 240		
		520.67	24				claystone, dark grey sandy interbeds up to 2CM. abundant plant plant fragments. coal partings.		
		521.98	131			523.04'/1716			
		522.55	57						

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7806 SHEET No: 58

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
45°							TOP OF BOX 241		
	522.55	523.05	50				carbonaceous claystone, coal inclusions at base.		
	535.05	523.13	8	6			C-1, pulverized		
						1721'/524.56			
	523.13	523.25	12	8			C-1		
	523.25	523.57	32	23			C-2		
44°	523.57	524.00	43	31			coal loss		
	524.00	524.04	4	3			coaly claystone		
	524.04	524.30	26	19		1724'/525.48	claystone loss		
	524.30	524.86	56	40	462		C-1, highly broken, pulverized		
							TOP OF BOX 242		
						1727'/526.39			
43°	524.86	524.98	12	9			C-2		
	524.98	525.52	54	39			C-1		
	525.52	525.67	15	11			C-2		
						1730'/527.30			
	525.67	525.79	12	9			C-1		
42°	525.79	525.95	16	12			C-1		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7806 SHEET No: 59
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	525.95	526.09	14	10			C2		
	526.09	526.27	18	13			C-1		
						1733'/528.22			
	526.27	526.52	25	19					
							TOP OF BOX 243		
	526.52	526.67	15	11			C-2		
	526.67	526.71	4	3			C-3	303/545	56
	526.71	526.77	6	5			C-1 highly broken, pulverized		
	526.77	528.50	173	133			coal loss		
	528.50	528.60	10	8			Coaly claystone - highly broken		
						1737'/529.44			
	528.60	528.74	14	11			carbonaceous claystone		
39°	528.74	529.26	52	40			siltstone, carbonaceous, regular paral bed, uniformed		
	529.26	529.29	3	2			carbonaceous claystone		
40°	529.29	529.43	14	11			sandstone, fine grain, carbonaceous laminae and stringers paral bed, massive.		
						1741'/530.66			
	529.43	530.01	58				sandstone, fine grain, medium grain, salt and pepper, paral bed, massive.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE. No: BD 7806 SHEET No: 60
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	530.01	530.49	48	loss	rock		TOP OF BOX 244		
42°							sandstone, medium grained, medium grey, abundant carbonaceous fragments and partings, claystone interbeds up to 4CM. some calcite filled fractures. shearing on bedding surfaces.		
		531.44	95			532.18'/1746			
		532.62	118						
							TOP OF BOX 245		
		533.70	108			533.70'/1751			
							END OF HOLE		

Form 71-0150

PR-BELCOURT 78(3)B.

B E L C O U R T P R O J E C T

GEOLOGICAL REPORT

MARCH 1979

APPENDIX II

DESCRIPTIVE LOGS

PART 2 of 3
(BD 7807 - BD 7811)

DENISON MINES LIMITED
COAL DIVISION
VANCOUVER, B.C.

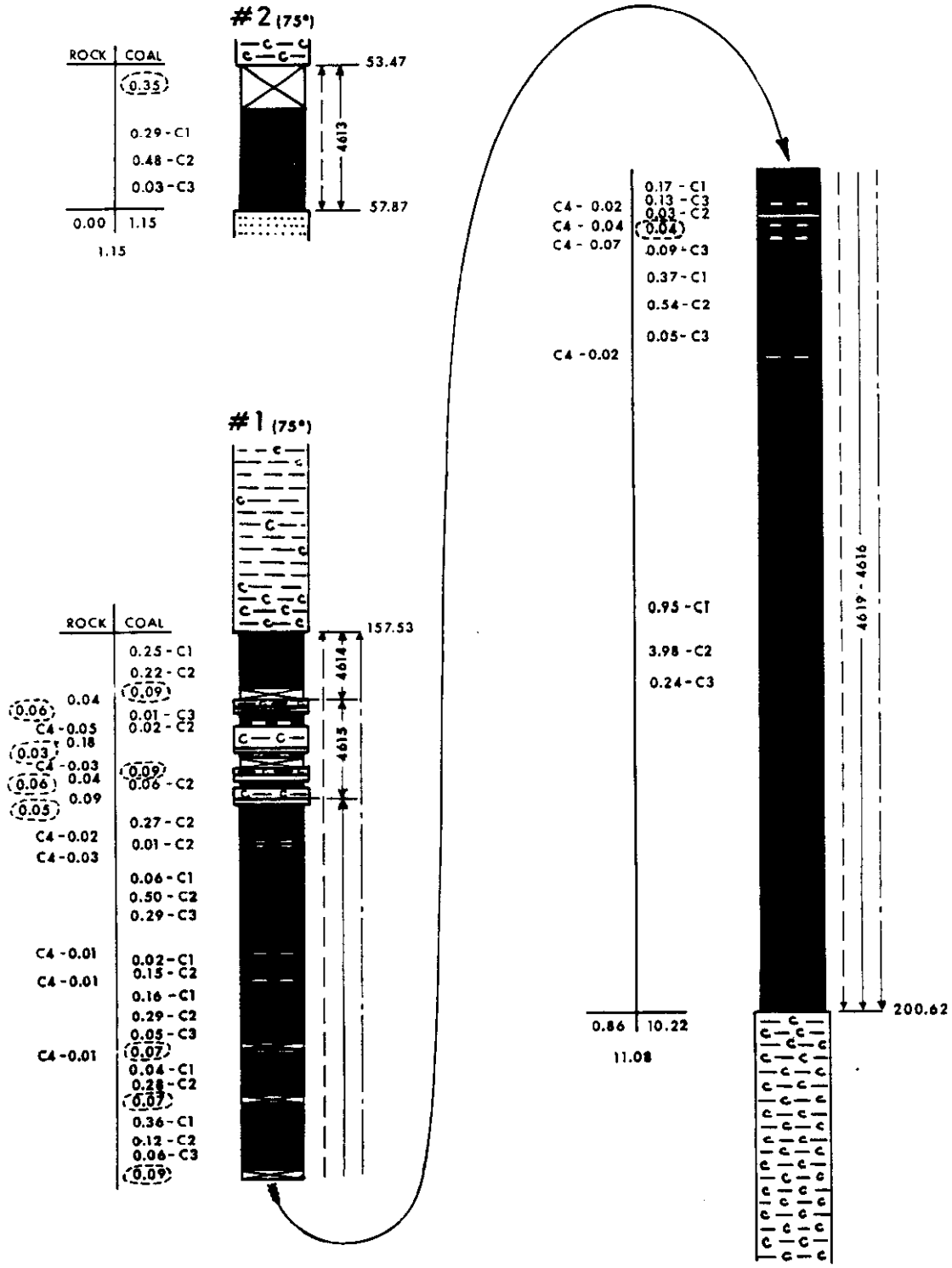
BELCOURT PROJECT

MINING SECTION SUMMARY

Hole No. BD 7807 Bearing 225° Angle 63° Total Depth 286.82 m

Coordinates 53459.28 N - 62832.99 E Collar Elevation 1697.58 m

Seam	Zone	Elevation (base)	Drilled Interval	True Thickness	Coal/Rock	Core Recovery%	Sample I.D.
1		1520.44	157.53 - 200.62	11.07	10.21/0.86	93.1	4614-4619
2		1646.48	53.47 - 57.87	1.15	1.15/0.00	69.3	4613
				12.22			



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

} BASED ON VISUAL ESTIMATES

- C4 COAL >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- MINING SECTION
- SAMPLE INTERVAL & NUMBER
- COMPOSITE SAMPLE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

BELCOURT
SEAM DETAILS
BD 7807

DRAWN BY: R. C.	DATE: FEB. 1979	SCALE: 1 : 50
PREPARED BY: I.D.	DATE: " "	DRAWING NUMBER
APPROVED BY: G.P.G.	DATE: " "	BLCR 79-0827-R01

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7807 SHEET No: 1
DATE BEGUN: Sept. 15/78 DEPTH: 286.82 BEARING: 225° U.T.M.:
DATE FINISHED: Oct/78 ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: 62.5 LOGGED BY: Prescott/Delas CORE SIZE: HQ

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	0.00	19.04	19.04				Casing TOP OF BOX 1		
	19.04	19.53	0.49				Carbon, claystone, very broken up		
						12'/3.66			
						66'/20.12			
	19.53	19.57	0.04				White quartzite (boulder) core very broken and ground		
	19.57	19.69	0.32				Dark grey claystone with carbonaceous plant fragments. Core very broken and ground.		
60°	19.69	20.80	.91				Carbonaceous claystone with plant fragments relatively unbroken.		
							TOP OF BOX 2		
	20.80	20.94	0.14				As above, lystric surfaces		
	20.94	21.09	0.15				As above, core very ground		
	21.09	21.16	0.07				Light grey siltstone		
	21.16	22.84	1.68				Light grey siltstone fragments, sandstone with claystone laminae.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7807 SHEET No: 2
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 3		
	22.84	24.31	1.47			83'/25.29	Light grey siltstone as above.		
	24.31	24.48	0.17				As above		
	24.48	24.82	0.34				Black carbonaceous claystone		
70°	24.82	24.97	0.15				As above, broken core probably ground		
							TOP OF BOX 4		
	24.97	25.60	0.63				Dark grey carbonaceous claystone and plant fragments.		
	25.60	26.10	0.50				Coal loss		
	26.10	26.45	0.35				As above, core broken		
	26.45	26.81	0.36				Claystone loss		
	26.81	27.41	0.60			92'/28.04	As above, unbroken		
	27.41	27.85	0.44				Dark grey claystone more silty toward base with lystric surfaces broken.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7807 SHEET No: 3
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 5		
	27.85	27.98	0.13				As above		
80°	27.98	29.69	1.71				light grey silty sandstone numerous calcite veins at 0°(parallel to core)		
	29.69	30.00	0.31				grey claystone with plant fragments lystric surface with carbonaceons		
							TOP OF BOX 6		
	30.00	30.15	0.15				As above, broken core		
	30.15	30.34	0.19			102'/31.09	As above, unbroken with a coal stringer and plant fragments		
80°	30.34	31.73	1.39				As above		
	31.73	31.83	0.10			107'/32.61	Broken core as above		
	31.83	32.11	0.28				As above with carbonaceous stringers		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7807 SHEET No: 4
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 7		
	32.11	33.49	1.38				As above		
	33.49	33.54	0.05				As above with calcite veining broken.		
	33.54	34.07	0.53				light grey fine grain silty sandstone. Irregular quartz veining		
						115'/35.05			
	34.07	34.24	0.17				As above (broken core)		
						115.5'/35.20			
							TOP OF BOX 8		
	34.24	34.30	0.06				As above, but unbroken		
75°	34.30	36.25	1.95				Grey silty claystone with carbonaceous particles		
							TOP OF BOX 9		
	36.25	36.79	0.54				As above		
	36.79	36.96	0.17				As above with coal stringers lystric surfaces and broken		
	36.96	37.05	0.09				As above		
						125'/38.10			
	37.05	37.68	0.63				dark grey claystone with light grey siltstone laminae, carbonaceous partings, coal stringer at base (1CM)		
	37.68	38.10	0.42				Coal loss		
	38.10	38.82	0.72				Black claystone carbonaceous with plant fragments		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7807 SHEET No: 5

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 10		
	38.82	39.58	0.76				Dark grey claystone carbonaceous partings and plant fragments		
	39.58	38.89	0.31				As above, broken core		
						135'/41.15			
	39.89	40.57	0.68				As above		
							TOP OF BOX 11		
70°	40.57	41.32	0.75				As above		
	41.32	41.55	0.23				coal loss		
	41.55	41.65	0.10				claystone, as before, core broken, lystric surfaces.		
	41.65	42.00	0.35				coal loss		
	42.00	42.47	0.47				As above, plant fragments		
						145'/44.20			
	42.47	42.67	0.20				As above		
							TOP OF BOX 12		
80°	42.67	44.20	1.53				As above.		
	44.20	44.40	0.20				coal loss (C-4)		
	44.40	44.55	0.15				C-4 with claystone		
	44.55	44.83	0.28				dark grey claystone, carbonaceous partings		
						153'/46.63			

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7807 SHEET No: 6
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 13		
70°	44.83	45.94	1.11				dark grey, carbonaceous claystone, somewhat broken; coal stringers		
	45.94	46.20	0.26				claystone loss		
	46.20	46.32	0.12				C-3 very broken		
	46.32	46.50	0.18				coal loss		
	46.50	47.31	0.81				grey claystone with carbonaceous partings and plant fragments		
						159.5'/48.61			
						159'/48.46	TOP OF BOX 14		
75°	47.31	48.17	0.86				dark grey claystone as above		
	48.17	48.39	0.22				As above, with abundant coal stringers - ground		
						164'/49.98			
	48.39	48.90	0.51				Coal loss (C-4)		
	49.90	50.01	0.11				As above, less ground		
	50.01	50.35	0.34	0.00			grey claystone with carbonaceous partings and plant fragments		
							TOP OF BOX 15		
75°	50.35	52.42	2.07	0.54			As above, some lystric surfaces.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7807 SHEET No: 7

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 16		
	52.42	53.47	1.05	0.27		174.5'/53.19	Carbonaceous claystone with coaly inclusion, highly broken		
	53.47	54.82	1.35	.35		179'/54.56	Coal loss		
	54.82	54.98	.16	.04			C-2		
	54.98	55.01	.03	.01			C-3		
	55.01	55.48	.47	.12			C-2 broken		
							TOP OF BOX 17		
	55.48	55.55	.07	.02			C-1		
	55.55	55.88	.33	.09			C-2		
						185'/56.39			
75°	55.88	56.21	.33	.09			C-2		
	56.21	56.45	.24	.06	4613		C-1		
	56.45	56.51	.06	.02			C-2	305/440	69
	56.51	56.63	.12	.03			C-1		
	56.63	56.95	.32	.08			C-2		
	56.95	57.04	.09	.02			C-3		
						189'/57.61			
	57.04	57.08	.04	.01			C-2		
	57.08	57.30	.22	.06			C-1		
							TOP OF BOX 18		
	57.30	57.77	.47	.12			C-1		
	57.77	57.87	.10	.03			C-2		
	57.87	58.02	.15	0.03			sandstone, carbonaceous partly with some CaCo3 and a few slickensides broken		
						194'/59.13			
	58.02	59.22	1.20	0.21			sandstone, fine grain silty, carbonaceous laminate cross bedded CaCo3 veins and inclusions at top.		
80°									

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7807 SHEET No: 8

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 19		
80°	59.22	60.31	1.09	0.19		202'/61.56	light grey siltstone with claystone laminae and carbonaceous partings		
	60.31	61.30	0.99	0.17			as above		
							TOP OF BOX 20		
	61.30	63.33	2.03			212'/64.62	same as above with fine grained sandstone, assorted veins of calcite.		
	63.33	63.46	0.13				as above		
							TOP OF BOX 21		
	63.46	64.31	0.85				As above, but less sand and more silt		
	64.31	64.70	0.39			217'/66.14	dark grey claystone with carbonaceous partings		
70°	64.70	65.58	0.88				dark grey claystone, light grey siltstone laminae		
							TOP OF BOX 22		
	65.58	65.74	0.16				dark grey claystone		
80°	65.74	67.24	1.50				fine grain light sandy siltstone with claystone laminae.		
	67.24	67.31	0.07			225'/68.58	as above, broken core		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7807 SHEET No: 9
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	67.31	67.73	0.42				dark grey claystone		
							TOP OF BOX 23		
	67.73	68.57	0.84				as above		
	68.57	69.97	1.40				mottled light grey siltstone very fine grained with laminated carbonaceous partings and plant fragments.		
							TOP OF BOX 24		
	69.97	70.22	0.25				As above		
						235'/71.63			
70°	70.22	71.12	0.90				as above		
	71.12	71.69	0.57				carbonaceous claystone with lystric surfaces, core broken.		
	71.69	71.91	0.22				as above, core very broken		
						242'/73.76			
							TOP OF BOX 25		
	71.91	72.19	0.28				as above with plant fragments		
	72.19	72.93	0.74				dark grey claystone with plant fragments, core relatively unbroken		
	72.93	73.56	0.63				as above, core is broken and probably ground		
						248'/75.59			
	73.56	74.10	0.54				core loss		
	74.10	75.00	0.90				as above.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7807 SHEET No: 10

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
75°	75.00	75.29	0.29				light grey silty sandstone with carbonaceous inclusions and plant fragments.		
							TOP OF BOX 26		
	75.29	76.69	1.40			254'/77.42	As above		
	76.69	77.45	0.76				As above		
							TOP OF BOX 27		
	77.45	77.91	0.46				sandstone as above		
	77.91	78.79	0.88			261'/79.55	dark grey silty claystone		
	78.79	78.91	0.12				as above, core somewhat broken with lystric surfaces and calcite veining		
	78.91	79.35	0.44				light grey, silty claystone		
70°	79.35	79.62	0.27				dark grey sandy siltstone extensive calcite veining		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7807 SHEET No: 11
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 28		
	79.62	79.78	0.16				light grey, fine grain sandstone with carbonaceous inclusions and calcite veins		
	79.78	79.85	0.07				oxidized claystone		
	79.85	80.51	0.66				medium grey siltstone with claystone bands and laminae		
	80.51	80.66	0.15				as above, core broken; calcite vein; lystric surfaces		
	80.66	81.22	0.56				as above, core relatively unbroken; carbonaceous partings; minor calcite veins		
						269'/81.99			
80°	81.22	81.81	0.59				dark grey siltstone claystone banding		
							TOP OF BOX 29		
	81.81	82.57	0.76				As above		
						275'/83.82			
	82.57	83.50	0.93				same as above to end of box minor calcite veins		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7807 SHEET No: 12
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 30		
70°	83.50	83.91	0.41			279.5'/85.19	light grey siltstone		
	83.91	85.11	1.20				light grey laminated siltstone as above with carbonaceous partings		
	85.11	85.30	0.19				as above; more fractured with lystric surfaces .		
							TOP OF BOX 31		
	85.30	85.64	0.34				dark grey, claystone with carbonaceous partings and lystric surfaces.		
	85.64	86.35	0.71				as above, broken core and with plant fragments		
	86.35	87.00	0.65			289'/88.09	core loss - rock		
	87.00	87.45	0.45				as above; broken core; probable core loss		
	87.45	87.99	0.54				core loss - claystone		
	87.99	88.50	0.51				as above; core relatively unbroken.		
							TOP OF BOX 32		
80°	88.50	89.13	0.63			269'/90.22	fragmented sandstone and siltstone with dark laminae and calcite veining (irregular)		
	89.13	90.52	1.39				same as above.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7807 SHEET No: 13
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 33		
75°	90.52	91.93	1.41			305'/92.96	light grey, sandstone and siltstone fragments; calcite veining CA - 30°		
	91.93	92.58	0.65				as above		
							TOP OF BOX 34		
70°	92.58	94.72	2.14				fragment, light grey sandstone; as above with cross beds		
							TOP OF BOX 35		
	94.72	94.94	0.22				as above		
						315'/96.01			
	94.94	96.82	1.88				as above		
							TOP OF BOX 36		
	96.82	97.98	1.16				light grey sandstone as above.		
						325'/99.06			
	97.98	98.42	0.44				as above		
60°	98.42	98.87	0.45				as above with silty laminae		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7807 SHEET No: 14
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 37		
70°	98.87	99.59	0.72				fragmented light grey laminated sandstone, irregular calcite veining. core broken up.		
						330'/100.58			
	99.59	100.83	1.24				as above		
							TOP OF BOX 38		
	100.83	101.22	0.39				as above		
						335'/102.11			
	101.22	102.97	1.75				as above		
							TOP OF BOX 39		
80°	102.97	103.94	0.97				as above		
						345'/105.16			
	103.94	104.13	0.19				as above		
	104.13	104.24	0.11				as above, core ground lystric surfaces		
	104.24	104.39	0.15				core loss - rock		
70°	104.39	105.29	0.90				light grey, fine grain sandstone, dark grey laminae.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7807 SHEET No: 15

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 40		
70°	105.29	107.20	1.91				as above with lystric surfaces, claystone laminae, parallel bedded		
						355'/108.20			
	107.20	107.34	0.14				as above, with coaly inclusions		
							TOP OF BOX 41		
	107.34	108.07	0.73				as above		
						358'/109.12			
	108.07	109.53	1.46				light grey sandstone, medium grained, parallel bedded		
							TOP OF BOX 42		
	109.53	110.00	0.47				as above with calcite veining		
80°	110.00	110.43	0.43				laminated dark grey siltstone with carbonaceous partings		
						365'/111.25			
	110.43	111.51	1.08				laminated siltstone as above		
	111.51	111.62	0.11				silty claystone with carbonaceous partings		
							TOP OF BOX 43		
75°	111.62	112.41	0.79				dark grey claystone with carbonaceous partings; coaly laminae		
						372'/113.39			
	112.41	113.68	1.27				dark grey claystone as above, plant fragments.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7807 SHEET No: 16

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 44		
	113.68	114.38	0.70				as above, becoming more silty toward base		
	114.38	115.49	1.11			382'/116.43	grey siltstone well laminated with claystone interbeds		
	115.49	115.80	0.31				as above		
							TOP OF BOX 45		
80°	115.80	117.81	2.01				dark grey claystone with light grey siltstone laminae and plant fragments and carbonaceous partings and coal band (1CM) near base.		
							TOP OF BOX 46		
	117.81	118.36	0.55			392'/119.48	as above		
80°	118.36	119.88	1.52				as above		
							TOP OF BOX 47		
70°	119.88	121.49	1.61				as above		
	121.49	122.00	0.51				as above with silty bands to 1/2CM		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7807 SHEET No: 17

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 48		
	122.00	122.82	0.82				laminated siltstone with claystone interbed, light grey fine grain		
80°	122.82	124.13	1.31				fine grain, grey parallel bedded sandstone; calcite veining		
							TOP OF BOX 49		
	124.13	124.53	0.40				as above		
						412.5'/125.73			
	124.53	125.11	0.58				sandstone, fine grain, light grey, as above.		
	125.11	125.32	0.21				dark grey claystone with plant fragments		
	125.32	126.24	0.92				sandstone, light grey fine grain parallel bedded laminae with siltstone		
							TOP OF BOX 50		
75°	126.24	126.79	0.55				as above		
	126.79	126.95	0.16				dark grey claystone with plant fragments		
	126.95	127.49	0.54				light grey sandstone as described above		
						422.5'/128.78			
	127.49	128.33	0.84				light grey sandstone as above with silty sandstone fine grain, with claystone laminae.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7807 SHEET No: 18

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 51		
	128.33	128.52	0.19				sandstone as above		
						426'/129.84			
	128.52	129.78	1.26				fine grain sandstone, light grey with claystone bands up to 2CM		
	129.78	130.46	0.68				dark grey claystone with plant fragments		
							TOP OF BOX 52		
	130.46	131.06	0.60				dark grey claystone with siltstone laminae and bands		
75°	131.06	131.52	0.46				light grey laminae silty sandstone		
						436'/132.89			
	131.52	132.61	1.09				as above		
							TOP OF BOX 53		
	132.61	134.52	1.91				light grey silty sandstone as above with mottled laminae		
						446'/135.94			
	134.52	134.80	0.28				as above		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7807 SHEET No: 19

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 54		
70°	134.80	136.89	2.09				siltstone, light grey fine grained with irregular claystone laminae		
							TOP OF BOX 55		
65°	136.89	137.52	0.63				as above		
						456'/138.98			
	137.52	139.02	1.50				as above		
							TOP OF BOX 56		
	139.02	140.68	1.66				as above		
						466'/142.04			
70°	140.68	141.21	0.53				as above		
							TOP OF BOX 57		
	141.21	142.80	1.59				as above; top section has intraclasts of tan siltstone		
70°	142.80	143.42	0.62				dark grey laminae silty claystone		
							TOP OF BOX 58		
	143.42	143.70	0.28				as above		
						476'/145.08			
	143.70	145.42	1.72				dark grey laminae silty claystone with carbonaceous partings and plant fragments.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7807 SHEET No: 20
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 59		
70°	145.42	146.23	0.81			485'/147.83	dark grey claystone with plant fragments		
	146.23	147.52	1.29				dark grey claystone with coaly stringers and plant fragments		
							TOP OF BOX 60		
	147.52	148.20	0.68				as above		
	148.20	149.44	1.24			495'/150.88	laminated light grey siltstone		
	149.44	149.55	0.11				as above		
							TOP OF BOX 61		
	149.55	150.01	0.46				core loss		
70°	150.01	150.50	0.49				light grey siltstone, thinly laminated with claystone and carbonaceous material.		
	150.50	152.03	1.53				dark grey claystone with carbonaceous inclusions and plant fragments		
							TOP OF BOX 62		
	152.03	152.90	0.87			505'/153.92	as above		
	152.90	153.95	1.05				as above		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7807 SHEET No: 21
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 63		
	153.95	155.62	1.67	0.57			as above with silty laminae		
						515'/156.97			
	155.62	155.80	0.18	0.06			as above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7807 SHEET No: 22
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 64		
	155.80	157.30	1.50	0.51			claystone, dark grey with carbonaceous fragments, fossilferous		
70°	157.30	157.53	0.23	0.08			carbonaceous claystone, highly broken		
	157.53	157.78	0.25	.06			C-2		
		157.84	.06	.02			C-1		
							TOP OF BOX 65		
		158.04	0.20	.05			C-2		
					4614	523.5'/159.56			
		158.13	.09	.02			C-2		
		158.43	0.30	.08			C-1		
		158.68	0.25	.06			C-2		
		159.26	0.58	0.15			C-1		
		159.38	0.12	.03			C-2		
	159.38	159.73	0.35	.09	*		Coal loss		
						529'/161.24			
		159.87	0.14	.04	4615		carbonaceous claystone with thin coal layers		
		160.10	0.23	.06			claystone loss		
		160.14	.04	.01			C-3		
		160.21	.07	.02			C-2		
		160.30	.09	.02			C-4 (stoney with bright stringers)		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7807 SHEET No: 23
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 66		
	160.30	160.43	0.13	.03			C-4		
		161.12	0.69	0.18			carbonaceous claystone with some sandy bands		
		161.23	0.11	.03			claystone loss		
		161.33	0.10	.03			C-4		
		161.68	0.35	.09	46/6		coal loss		
		161.71	.03	.01			coaly claystone		
						534/162.76			
		161.84	0.13	.03			coaly claystone with few sandy bands		
		162.08	0.24	.06			claystone loss		
		162.28	0.20	.05			C-2 (dull with bright stringers)		
		162.75	0.47	0.12			coal loss		
		163.11	0.36	.09			coaly claystone		
		163.32	0.21	.05			claystone loss		
		163.67	0.35	.09			C-2		
					47/6				

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7807 SHEET No: 24

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKness True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 67		
	163.67	164.36	0.69	0.18			C-2		
		164.42	.06	.02			C-4		
		164.46	.04	.01			C-2		
		164.56	0.10	.03			C-4		
		165.11	0.55	0.14			C-3 (high percentage of ash)		
						541'/164.90			
		165.24	0.13	.03			C-2		
		165.41	0.17	.04			C-3		
		165.78	0.37	0.10			C-2		
							TOP OF BOX 68		
		165.83	.05	.01	4816		C-1		
		166.23	0.40	0.10			C-2		
		166.41	0.18	.05			C-3		
		166.48	.07	.02			C-2		
		166.69	0.21	.05			C-2		
		166.84	0.15	.04			C-1		
		167.17	0.33	.09			C-2		
		167.20	.03	.01			C-3		
		167.36	0.16	.04			C-2		
		167.38	.02	.01			C-3		
		167.41	.03	.01			C-1		
		167.53	0.12	.03			C-2		
		167.70	0.17	.04			C-3		
		167.75	.05	.01			C-2		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7807 SHEET No: 25

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 69		
	167.75	167.85	0.10	.03			C-2		
		167.89	.04	.01			C-4		
		168.03	0.14	.04			C-2		
		168.09	.06	.02			C-1		
						551'/167.95			
		168.51	0.42	0.11			C-2		
		168.54	.03	.01			C-4		
		168.70	0.16	.04	4616		C-2		
		168.73	.03	.01			C-3		
		168.78	.05	.01			C-2		
		168.85	.07	.02			C-1		
		168.92	.07	.02			C-2		
		169.01	.09	.02			C-1		
		169.27	0.26	.07			C-1 highly broken and pulverized		
						556'/169.47			
		169.33	.06	.02			C-1		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7807 SHEET No: 26
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	169.33	169.43	0.10	.03			C-2 (specks of FeS_2 and limonite - sideritic)		
		169.49	.06	.02			C-2		
						556.10'/169.50			
							TOP OF BOX 70		
		169.54	.05	.01			C-1		
		170.04	0.50	0.13			C-2		
		170.18	0.14	.04			C-3		
		170.43	0.25	.06	4616		C-2 (broken and sheared)		
	170.43	170.69	0.26	.07			coal loss		
						560'/170.69			
	170.69	170.71	.02	.01			C-4		
		170.76	.05	.01			C-1		
		171.47	0.71	0.18			C-2		
		171.57	0.10	.02			C-1		
							TOP OF BOX 71		
		171.95	0.38	0.10			C-2 (partly sheared and broken)		
	171.95	172.21	0.26	.07			coal loss		
						565'/172.21			
	172.21	172.24	0.03	.01			C-3		
	172.24	172.36	0.12	.03			C-1		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7807 SHEET No: 27
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKness True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	172.36	172.51	0.15	.04	4516		C-3		
		172.83	0.32	.08			C-2		
		172.88	.05	.01			C-3		
		173.03	0.15	.04			C-2		
						568'/173.13			
		173.80	0.77	0.20			C-1 (some calcite specks)		
							TOP OF BOX 72		
		174.32	0.52	0.13			C-1		
	174.32	174.65	0.33	.09		573'/174.65	coal loss		
	174.65	175.28	0.63	0.16	4517		C-1		
		175.72	0.44	0.11			C-3		
		175.78	.06	.02			C-4		
						577'/175.87			
		175.83	.05	.01			C-1		
		175.91	.08	.02			C-3		
		176.01	0.10	.03			C-2		
	176.01	176.17	0.16	.04			coal loss		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7807 SHEET No: 28

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 73		
						578'/176.17			
	176.17	176.27	0.10	.03			C-3 (highly broken partly sheared)		
		176.36	.09	.02			C-4		
		176.42	.06	.02		580'/176.78			
		176.47	.05	.01			C-3		
		176.68	0.21	.05			C-3		
						581.6'/177.27			
		176.96	0.28	.07	4617		C-4		
		177.03	.07	.02			C-2		
		177.11	.08	.02			C-3		
		177.31	0.20	.05			C-2		
		177.38	.07	.02			C-3		
		177.92	0.54	0.14			C-2		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7807 SHEET No: 29
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 74		
	177.92	178.20	028	.0 7			C-2		
						586'/178.61			
		178.38	0.18	.0 5			C-2		
		178.70	0.32	.0 8			C-1		
		178.82	0.12	.0 3			C-2 (with some FeS_2)		
		179.20	0.38	0.10			C-2 (broken)		
						589'/179.53			
		179.97	0.77	0.20			C-1		
					4617		TOP OF BOX 75		
		180.12	0.15	.04			C-1		
		180.43	0.31	.08			C-2		
		180.63	0.20	.05			C-1		
		180.68	.05	.01			C-3		
		180.76	.08	.02			C-4		
		180.98	0.22	.06			C-2		
		181.08	0.10	.03			C-3		
						594'/181.05			
		181.14	.06	.02			C-3		
		181.20	.06	.02			C-1		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7807 SHEET No: 30

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	181.20	181.28	.08	.02			C-2		
		181.54	026	.07			C-1		
		182.01	047	012			C-2		
							TOP OF BOX 76		
		182.12	011	.03			C-1		
		182.27	015	.04			C-2		
		182.54	027	.07	7197		C-1		
		182.90	036	.09			C-2		
						602'/183.49			
		183.26	036	.09			C-2		
		183.32	.06	.02			C-3		
		183.97	065	017			C-2		
		184.02	.05	.01			C-1		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7807 SHEET No: 31
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 77		
	184.02	184.17	0.15	.04			C-1		
		184.20	.03	.01			C-3		
		184.43	0.23	.06	46017		C-2		
						607.6'/185.20			
		184.91	0.48	0.12			C-2		
		184.99	.08	.02			C-1		
		185.94	0.95	0.24			C-2		
						613'/186.84			
		186.06	0.12	.03			C-3		
							TOP OF BOX 78		
		186.09	.03	.01			C-3		
		187.97	1.88	0.49			C-2		
		188.11	0.14	.04	46018		C-3 (specks of FeS_2; siderific		
		188.18	.07	.02			C-1		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7807 SHEET No: 32
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 79		
	188.18	189.05	0.87	0.23			C-2		
						623'/189.89			
		189.46	0.41	0.11			C-1		
		190.01	0.55	0.14			C-2		
		190.30	0.29	.08			C-1		
							TOP OF BOX 80		
		190.42	0.12	.03			C-1		
		190.46	.04	.01	4618		C-3		
		191.02	0.56	0.14			C-2		
		191.17	0.15	.04			C-3		
		192.14	0.97	0.25			C-2		
						635'/193.55			
		192.30	0.16	.04			C-1		
		192.39	.09	.02			C-2		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7807 SHEET No: 33
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 81		
	192.39	192.43	.04	.01			C-2		
		192.46	.03	.01			C-3		
		193.21	0.75	0.19	4618		C-2		
		193.39	0.18	.05			C-1		
		193.93	0.54	0.14			C-2		
						640'/195.07			
		193.97	.04	.01			C-2		
		194.05	.08	.02			C-3		
		194.36	0.31	.08			C-1		
							TOP OF BOX 82		
		195.33	0.97	0.25			C-2		
						645'/196.60			
		196.28	0.25	0.25	4619		C-2		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7807 SHEET No: 34
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 83		
	196.28	196.41	0.13	.03			C-2		
		196.51	0.10	.03			C-1		
		197.26	0.75	0.19			C-2		
						651'/198.42			
		198.17	0.91	0.24			C-2		
							TOP OF BOX 84		
					4619				
		198.77	0.60	0.16			C-2		
		198.82	.05	.01			C-1		
						658'/200.56			
		199.08	0.26	.07			C-1		
		199.41	0.33	.09			C-2		
		199.69	0.28	.07			C-1	4012/4309	93
		200.22	0.53	0.14			C-2		
							TOP OF BOX 85		
		200.62	0.40	0.10			C-1		
						664'/202.39			
70°	200.62	201.23	0.61	0.21			carbonaceous claystone with coal stringers and inclusions		
						666'/202.00			
		201.56	0.32	0.11			carbonaceous claystone as above		
		202.21	0.66	0.27		667'/203.30	as above		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7807 SHEET No: 35

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 86		
70°	202.21	203.07	0.86	0.80		672.5'/204.98	dark grey claystone with carbonaceous inclusions and laminae and lystric surfaces.		
80°		204.22	1.15				as above		
							TOP OF BOX 87		
70°		206.26	2.04			682.5'/208.03			
		206.36	0.10				as above, dark grey claystone with plant fragments and coaly inclusions.		
							TOP OF BOX 88		
70°		208.46	2.10				as above		
							TOP OF BOX 89		
		209.33	0.87				similar to above with light grey siltstone bands and laminae		
						692.5'/211.07			
80°									
		210.65	1.32				As above; carbonaceous parts and more silty		
							TOP OF BOX 90		
70°	210.65	212.42	1.77				light grey, siltstone with dark grey claystone laminae		
						702'/213.97			
		212.85	0.43				as above		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7807 SHEET No: 36

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 91		
70°		214.01	1.16				siltstone as above		
	214.01	215.07	1.06				fine grained, light grey sandstone with laminae and bands of claystone and of carbonaceous material.		
							TOP OF BOX 92		
		215.51	0.44				as above		
						712'/217.02			
		216.83	1.32				as above with lystric surfaces and broken core		
		216.97	0.14				pulverized core; as above		
		218.93	1.96				core loss		
		219.14	0.21				sandstone as above; unbroken		
							TOP OF BOX 93		
	219.14	219.43	0.29				dark grey claystone with coaly inclusions and lystric surfaces		
						718.5'/218.99			
70°		221.33	1.90				similar to above with coal bands up to 1CM thick, and silty laminae		
							TOP OF BOX 94		
		221.43	0.10				broken core, dark grey claystone with coaly bands and laminae		
						726'/221.78			
60°		223.54	2.11				as above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7807 SHEET No: 37
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 95		
		224.58	1.04				as above		
						736'/224.33			
		225.06	0.48				as above slightly broken lystric surface probable core loss		
						738'/224.94			
		225.62	0.56				core unbroken dark grey carbonaceous claystone with some lystric surfaces		
							TOP OF BOX 96		
		227.59	1.97				dark grey claystone with plant fragments carbonaceous at the top, lystric surfaces.		
						746'/227.38			
		227.78	0.19				as above		
							TOP OF BOX 97		
		227.80	0.02				similar to above		
	227.80	227.95	0.15				light grey fine grain sandy siltstone with irregular bedding and coal inclusions to 1CM thickness		
							TOP OF BOX 98		
		228.60	0.65				similar to above		
						756'/230.43			
	228.60	230.15	1.55				dark grey claystone with lystric surfaces; probable core loss		
	230.15	230.52	0.37				core loss		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7807 SHEET No: 39
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 99		
		232.25	1.73				claystone similar to above		
						766'/233.48			
		232.70	0.45				as above		
							TOP OF BOX 100		
70°		234.50	1.80				as above		
	234.50	234.67	0.17				light grey, medium grain sandstone		
						774'/235.92			
		234.95	028				fine to medium grain, light grey sandstone containing carbonaceous inclusions.		
							TOP OF BOX 101		
70°		237.24	2.29				sandstone as above		
							TOP OF BOX 102		
		237.87	0.63				light grey, fine grained sandstone		
						784.4'/239.09			
		239.29	1.42				sandstone; as above		
		239.54	0.25				sandstone; as above; broken core		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7807 SHEET No: 39
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 103		
75°		241.09	1.55			794.6'/242.16	sandstone parallel bedded as above with carbonaceous partings		
		241.58	0.49				sandstone as above		
							TOP OF BOX 104		
75°		243.75	2.17				as above		
							TOP OF BOX 105		
		243.92	0.17				as above		
						803.6'/244.94			
80°		245.91	1.99				as above		
							TOP OF BOX 106		
							as above; parallel bedded sandstone		
		245.92	0.01			813.6'/247.95			
		247.02	1.10				as above		
							TOP OF BOX 107		
		249.15	2.13				as above		
						823.6'/251.00			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7807 SHEET No: 40

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 108		
80°		251.31	2.16				sandstone as above		
							TOP OF BOX 109		
		252.13	0.82				sandstone as above		
						833.6'/254.05			
		253.46	1.33				sandstone as above		
							TOP OF BOX 110		
		255.18	1.72				sandstone as above		
						843.6'/257.10			
70°		255.56	0.38				as above		
							TOP OF BOX 111		
75°		256.15	0.59				sandstone, light grey, fine grained, parallel bedded with occasional carbonaceous laminae.		
						846'/257.86			
		257.79	1.64				as above		
							TOP OF BOX 112		
		258.87	1.08				sandstone as above		
						855'/260.60			
		259.89	1.02				as above		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7807 SHEET No: 41

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 113		
85°		261.50	1.61				sandstone as above with irregular claystone bands at base of section.		
	261.50	261.87	0.37				dark grey claystone with lystric surfaces; broken core		
						865'/263.65			
		262.06	0.19				as above		
							TOP OF BOX 114		
		262.20	0.14				dark grey claystone; broken core		
	262.20	264.21	2.01				light grey, medium grained to coarse grained sandstone; parallel bedded contains inclusions of claystone; becomes coarser grained toward base (with minor pebbles).		
							TOP OF BOX 115		
		265.01	0.80				as above		
						875'/266.70			
70°		265.57	0.56				coarse grained, light grey, sandstone with claystone laminae; also with claystone inclusions.		
						877'/267.31			
		266.12	0.55				as above, somewhat broken with calcite veining		
		266.25	0.13				light grey, medium grained sandstone contains assorted pebbles.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7807 SHEET No: 42
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 116		
		266.96	0.71				sandstone, as above includes 28CM pebble band in middle		
65°		268.14	1.18				fine grained, light grey sandstone parallel bedded		
						886'/270.05			
		268.41	0.27				as above		
		268.86	0.45				core loss		
							TOP OF BOX 117		
70°		271.04	2.18				sandstone as above		
							TOP OF BOX 118		
		271.66	0.62				as above		
						896'/273.10			
		273.00	1.34				sandstone as above		
55°	273.00	273.18	0.18				dark grey claystone		
							TOP OF BOX 119		
		273.91	0.73				dark grey claystone; minor calcite veining		
70°	273.91	274.71	0.80				light grey, fine grained sandstone; includes 8CM pebble band		
80°		275.32	0.61				fine grained, light grey sandstone		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7807 SHEET No: 43
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 120		
		277.48	2.16				as above with minor claystone inclusions		
							TOP OF BOX 121		
		277.71	0.23				as above		
						916'/279.20			
		279.67	1.96				sandstone as above.		
							TOP OF BOX 122		
		280.72	1.05				sandstone as above		
						926'/282.24			
70°		281.60	0.88				sandstone as above		
		281.83	0.23				sandstone as above with tan siltstone inclusions		
	281.83	283.22	1.39				core loss		
							TOP OF BOX 123		
		284.56	1.34				light grey, fine grained sandstone; occasional claystone inclusions and pebbles.		
		284.66	0.10				as above with tan siltstone inclusions		
60°		285.11	0.45				light grey, fine grained sandstone		
						935.5'/285.14			
		285.34	0.23				sandstone as above.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7807 SHEET No: 44
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 124		
		286.82	1.48				sandstone as above		
						941'/286.82			
							END OF HOLE		

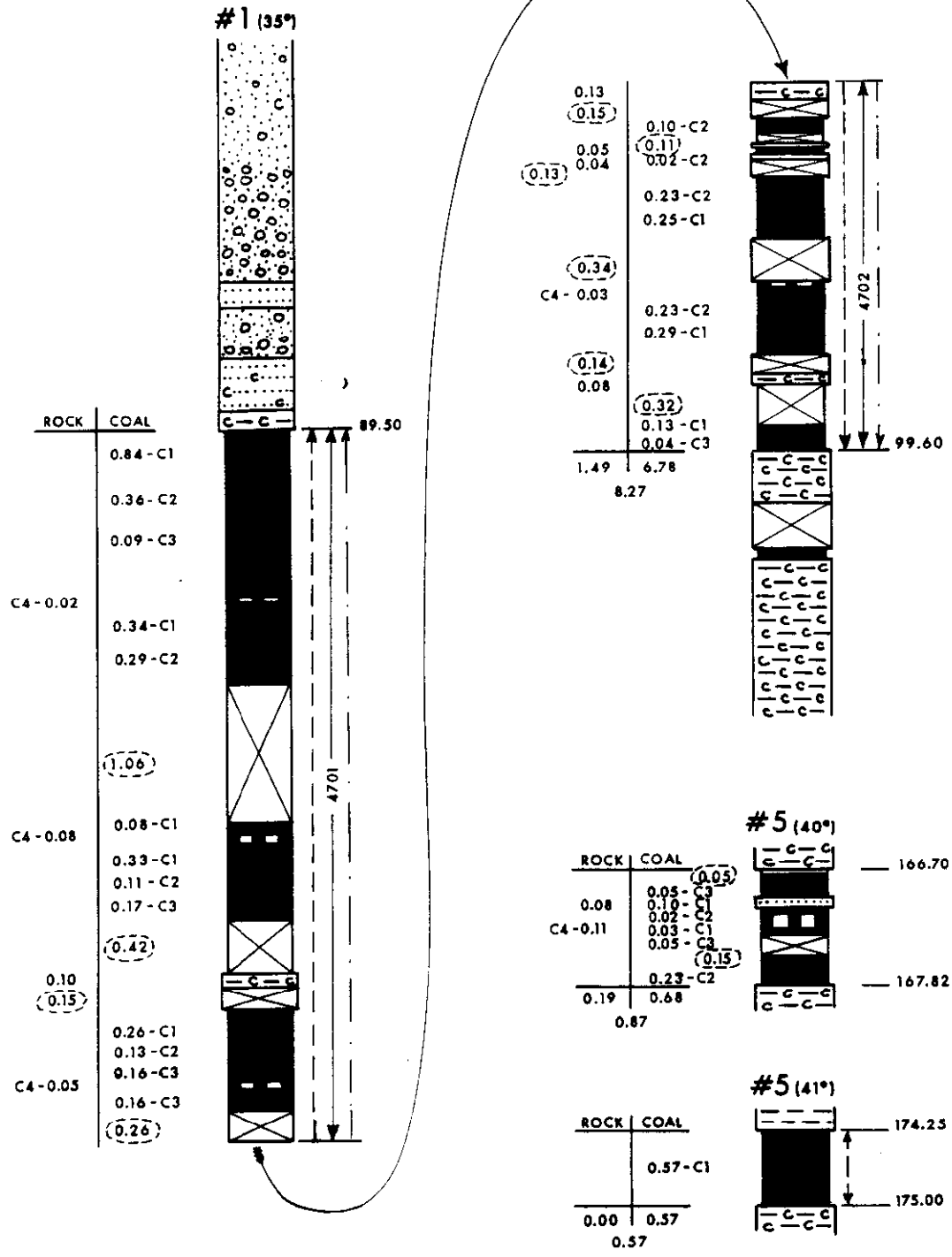
BELCOURT PROJECT

MINING SECTION SUMMARY

Hole No. BD 7808 Bearing 30° Angle 63° Total Depth 467.85 m

Coordinates 37923.06 N - 84368.29 E Collar Elevation 1635.52

Seam	Zone	Elevation (base)	Drilled Interval	True Thickness	Coal/Rock	Core Recovery%	Sample I.D.
1		1546.78	89.50 - 99.60	8.27	6.78/1.49	62.9	4701-4702
5		1479.59	174.25 - 175.00	~~0.57~~	0.57/0.00	1.00	
	6	1434.29	222.75 - 225.85	1.99	1.53/0.46	27.1	4703
	6	1412.90	248.65 - 249.85	~~0.85~~	0.85/0.00	67.1	
	7	1384.26	280.38 - 282.00	1.04	0.79/0.25	76.9	4704
	8	1275.73	402.20 - 403.80	1.29	1.01/0.28	93.0	4705
				14.01			
				12.59			



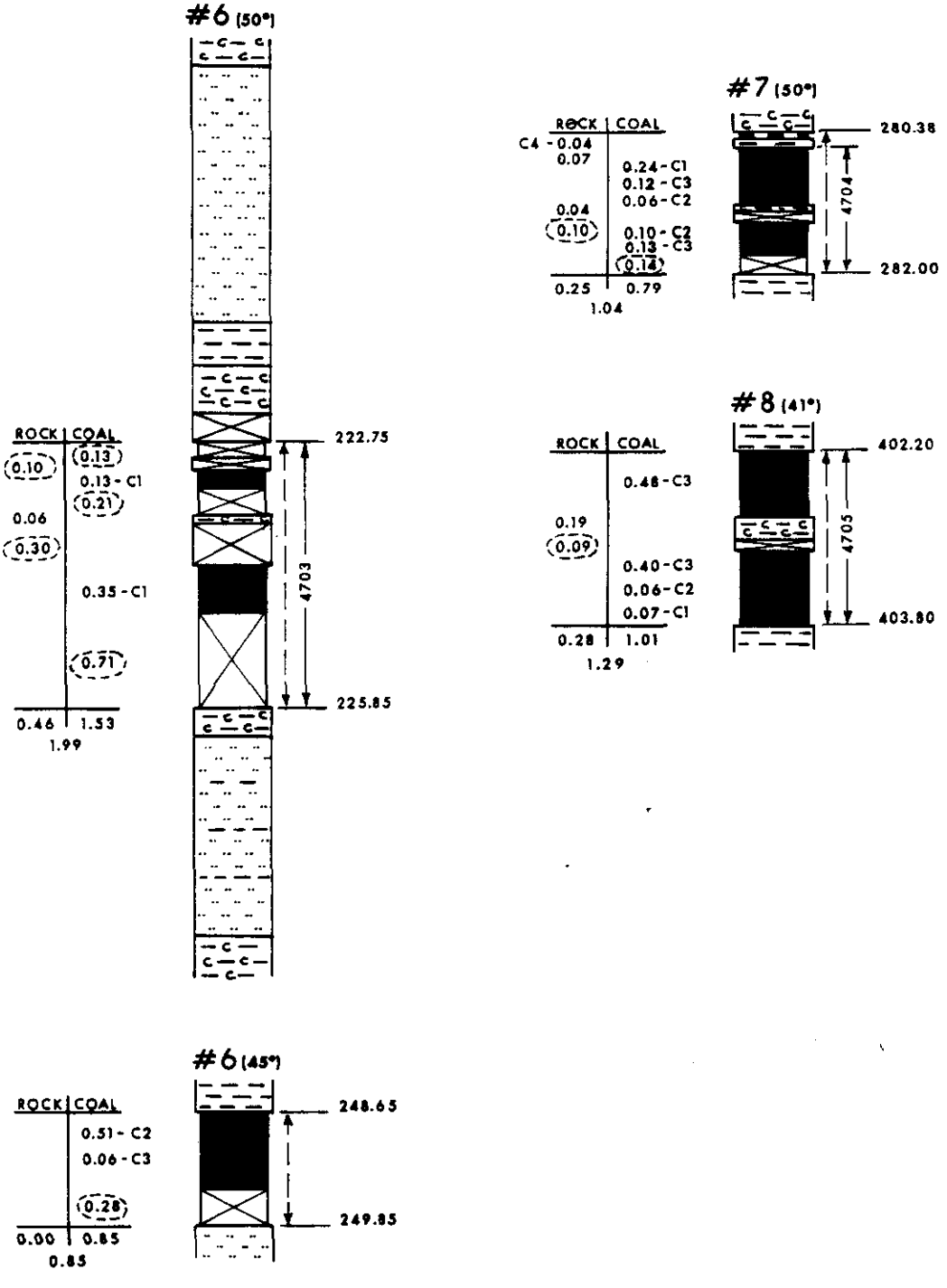
LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash
- } BASED ON VISUAL ESTIMATES
- C4 COAL >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE
- MINING SECTION
- SAMPLE INTERVAL & NUMBER
- COMPOSITE SAMPLE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

BELCOURT
SEAM DETAILS
BD 7808

DRAWN BY: R. C.	DATE: FEB. 1979	SCALE: 1 : 50	
PREPARED BY: I.D.	DATE: " "	DRAWING NUMBER	
APPROVED BY: G.P.G.	DATE: " "	BLCR 79-0827-R01	



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

} BASED ON VISUAL ESTIMATES

- C4 COAL >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE
- MINING SECTION
- SAMPLE INTERVAL & NUMBER
- COMPOSITE SAMPLE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

BELCOURT
SEAM DETAILS
BD 7808

DRAWN BY: R. C.	DATE: FEB. 1979	SCALE: 1 : 50	
PREPARED BY: I.D.	DATE: " "	DRAWING NUMBER	
APPROVED BY: G.P.G	DATE: " "	BLCR 79-0827-R01	

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7808 SHEET No: 1
DATE BEGUN: DEPTH: BEARING: 030° U.T.M.:
DATE FINISHED: October, 1978 ELEV. COLLAR: 1635.52 TOTAL DEPTH: 467.85 M COAL LICENSE:
LAT.: HOLE ANGLE: 63° LOGGED BY: I. Delas, W.S. ~~Prescott~~ CORE SIZE: HQ

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	0	10.79					Casing		
							Top of Box 1		
	10.79	11.44	0.65				fine grained sandstone, limonite stained; broken core		
	11.44	12.19	0.75				Sandstone silty, fine grained, light grey, parallel bedded		
						40'/12.19			
		12.88	0.69				light grey, silty sandstone as above		
							Top of Box 2		
		13.29	0.41				Light grey, laminated silty sandstone (with Mica on laminated surfaces)		
		13.51	0.22			43'/13.11	as above (sandstone)		
		14.12	0.61				As above; more sandy; limonite stained		
						46'/14.02			
		14.33	0.21				As above		
		14.84	0.51				Banded silty sandstone and claystone		
						48'/14.63			
							Top of Box 3		
		14.94	0.10				as above		
		15.67	0.73				sandstone, silty; limonite stained		
		16.01	0.34				as above; broken core		
		16.52	0.51				light grey, banded silty sandstone		
						53'/16.15			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7808 SHEET No: 2

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		17.02	0.50				as before Top of Box 4		
		17.31	0.29				Sandstone as before		
						55'/16.76			
		17.47	0.16				Sandstone as above		
		17.69	0.22				banded siltstone and claystone		
		18.83	1.14				light grey, fine grained silty sandstone (banded)		
						60'/18.29			
		19.04	0.21				As above, broken core, stained with limonite, probable core loss, calcite veining at CA 90°		
							Top of Box 5		
		19.89	0.85				AS before with limonite staining, calcite veining and same broken core		
		20.50	0.61				Laminae, grey siltstone with claystone bands		
						65'/19.81			
		21.09	0.59				As above		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7808 SHEET No: 3
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
35°							Top of Box 6		
							Banded claystone some limonite staining		
		23.07	1.98				12 cm siltstone band at base		
							Top of Box 7		
		23.50	0.43				AS before		
						75'/22.86			
		23.94	0.44				Claystone as before with narrow siltstone band which shows cross-bedding; claystone shows worm burrows and soft sediment deformation		
		24.20	0.26				fine grained light grey, parallel bedded and laminated silty sandstone		
		24.99	0.79				interbanded claystone and laminated siltstone		
						80'/24.38			
							Top of Box 8		
		25.09	0.10				As above		
		25.43	0.34				Light grey, laminated sandstone		
		26.49	1.06				dark grey claystone interlayered with laminated siltstone		
25°						85'/25.91			
		27.07	0.58				as above		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7808 SHEET No: 4
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 9		
		28.05	0.98				as above, interbanded claystone and siltstone; worm burrows and cross-beds in siltstone; soft sediment deformation		
						90'/27.43			
		29.11	1.06				As above		
							Top of Box 10		
		29.48	0.37				as above interbanded claystone and siltstone		
						95'/28.96			
		29.58	0.10				as above		
35°		29.71	0.13				sandstone, silty laminae, fine grained, light grey		
		30.98	1.27				interbanded dark grey claystone and laminated siltstone		
						100'/30.48			
							Top of Box 11		
		31.83	0.85				as above		
30°		32.51	0.68				laminated fine grained, lignt grey sandstone minor claystone interbands		
						105'/32.00			
		33.04	0.53				as above		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7808 SHEET No: 5
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 12		
35°		34.05	1.01				interbanded siltstone and claystone; cross-beds indicate tops down		
						110'/33.53			
		35.14	1.09				as above		
							Top of Box 13		
30°		35.55	0.41				mainly laminae and cross-bedding, siltstone minor claystone		
						115'/35.05			
		36.41	0.86				interbanded claystone siltstone		
		36.65	0.24				laminated, light grey sandstone		
		37.18	0.53				banded claystone siltstone		
							Top of Box 14		
						120'/36.58			
		38.51	1.33				interbanded siltstone claystone as above		
		39.24	0.73			125'/38.10	as above		
							Top of Box 15		
35°		40.25	1.01				interband sandstone silty claystone, cross-beds show tops are down		
		40.88	0.63				laminated fine grained, sandstone light grey		
		41.26	0.38				interbanded claystone and silty sandstone		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7808 SHEET No: 6
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 16		
KMb	41.26	41.46	0.20			135'/41.15	fine grained, light grey, laminated sandstone		
		41.60	0.14				as above		
		41.77	0.17				interbanded, fine grained, claystone and sandstone		
		43.06	1.29				sandstone, light grey, as before		
						140'/42.67			
		43.26	0.20				sandstone as before, minor claystone bands		
							Top of Box 17		
		44.56	1.30			145'/44.20	laminated sandstone as above with yellow iron stain		
		45.26	0.70				as above		
							Top of Box 18		
		46.00	0.74				Sandstone, as above		
		46.06	0.06				as above		
						150'/45.72			
40°									
		46.14	0.08				sandstone as above		
		46.22	0.08				broken and probably ground core		
		46.89	0.67				interbedded sandstone and claystone		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7808 SHEET No: 7
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		47.16	0.27				as above broken and probably ground core		
		47.35	0.19				as above, relatively unbroken		
							Top of Box 19		
		47.73	0.38				fine grained, brownish sandstone with carbonaceous parts, calcite veining, probable ground core		
						155'/47.24			
30°		47.93	0.20				ground weathered claystone		
		48.10	0.17				brown laminated sandstone carbonaceous material and mica on partings		
		48.21	0.11				brownish claystone oxidized		
		48.53	0.32				brown laminated sandstone with calcite veining		
		48.65	0.12				claystone pulberized		
		49.23	0.58				brown laminated sandstone as above; broken core		
						160'/48.77			
		49.37	0.14				sandstone as above		
							Top of Box 20		
						165'/50.29			
40°		50.45	1.08				light grey, fine grained laminated sandstone, minor iron stains calcite veining F.C.A. 60°		
		51.44	0.99				sandstone as above		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7808 SHEET No: 8

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 21		
	51.44	51.85	0.41				sandstone as above		
						175'/53.34			
		52.62	0.77				fine grained brownish stained sandstone, broken core, probable loss		
						177'/53.95			
	52.62	54.08	1.46				core loss - rock		
	54.08	54.86	0.78				light grey, fine grained parallel cross-bedding, sandstone		
							Top of Box 22		
						180'/54.86			
40°		56.48	1.62				Sandstone as above		
						185'/56.39			
		56.97	0.49				sandstone as above		
							Top of Box 23		
45°		58.10	1.13				sandstone as above; somewhat broken core		
						190'/57.91			
		59.12	1.02				sandstone as above; light grey, fine grained		
							Top of Box 24		
		61.19	2.07				sandstone as above some iron stain on fractures		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7808 SHEET No: 9
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 25		
		61.23	0.04				sandstone as above		
						200'/60.96			
40°		62.91	1.68				Sandstone as above, light grey, banded		
						205'/62.48			
		63.35	0.44				sandstone as above		
							Top of Box 26		
40°		64.29	0.94				sandstone as above		
		65.50	1.21				sandstone as above		
							Top of Box 27		
		65.79	0.29				sandstone as above broken minor grading		
		67.20	1.41				sandstone, light grey, fine grained, banded with minor pebbles at base		
						220'/67.06			
		67.66	0.46				sandstone as above, no pebbles		
							Top of Box 28		
		68.78	1.12				sandstone as above with carbonaceous plant fragments on partings		
						225'/68.58			
		69.71	0.93				as above without plant fragments		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7808 SHEET No: 10

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 29		
		70.31	0.60				light grey, fine grained sandstone banded		
						230'/70.10			
30°		70.50	0.19				as above		
		70.68	0.18				coarse grained sandstone		
		70.75	0.07				dark grey claystone		
		71.70	0.95				coarse grained sandstone as above with minor claystone bands and laminae		
							Top of Box 30		
						235'/71.63			
		71.95	0.25				medium grained grey sandstone with interbeds of dark claystone, broken core probably ground		
		72.93	0.98				fine to medium grained sandstone as above		
						239'/72.85			
		73.62	0.69				sandstone as above		
							Top of Box 31		
35°		74.41	0.79				sandstone as above		
						244'/74.37			
35°		75.60	1.19				sandstone as above, cross-b-edding show tops are down		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7308 SHEET No: 11
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 32		
		75.86	0.26				Light grey, medium grained banded sandstone		
						249.5'/76.05			
		76.68	.82				Sandstone as above calcite veining, C.A. 40°		
		76.94	0.26				Sandstone as above broken core		
		77.30	0.36				Sandstone as above, unbroken		
						254/77.42			
							Top of Box 33		
		78.81	1.51				Grey sandstone as above		
						259/78.94			
40°		79.36	0.55				Sandstone as above, some claystone partings		
							Top of Box 34		
		80.30	0.94				Sandstone, medium grained, light grey		
						264.5/80.62			
		81.33	1.03				Sandstone as above, coaly inclusions at base		
							Top of Box 35		
	31.33	81.56	0.23				C-3 (below Ptarmigan seam)		
						270/82.30			

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7808 SHEET No: 12

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	81.56	81.79	0.23				claystone dark grey with lystric surfaces probably ground		
45°		82.65	0.86				fine grained, light grey sandstone, fractured; with iron staining on fractures;		
		83.31	0.66			275'/83.82	medium grained sandstone with coal laminae and bands		
		83.53	0.22				TOP of Box 36		
		83.77	0.24				light grey, medium grained sandstone broken and pulverized core sandstone as above limonite stained		
						278'/84.73			
	83.77	84.61	.84				rock loss		
	84.61	85.44	0.83				sandstone as above, broken iron stained		
						280'/85.34			
		86.27	0.83	0.50			medium grained, light grey sandstone with pebbles disseminated		
							Top of Box 37		
45°		86.85	0.58	0.41			sandstone as above very minor pebbles mica on carbonaceous partings		
		86.97	0.12	0.08			pebble conglomerate		
						285'/86.87			
		88.07	1.10	0.78			pebble conglomerate with sandy matrix minor iron staining on fractures		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7808 SHEET No: 13

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	88.07	88.32	0.25	10			light grey, fine grained sandstone (wormy texture)		
							Start of coal		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7808 SHEET No: 14
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 38		
	88.32	88.80	48	37		290'/88.39			
40							sandstone conglomeratic grading to conglomerate at base, pebbles up to 2 cm		
	88.80	89.32	52	40			sandstone fine grained carbonaceous with coaly stringers		
						294'/89.61			
	89.32	89.50	18	14			Claystone -carbonaceous; oxidized plant fragments		
	89.50	89.64	14	11			C-1		
	89.64	90.16	52	43			C-1		
	90.16	90.28	12	10			C-2		
35°							Top of Box 39		
		90.56	28	23			C-1		
						299'/91.14			
		90.67	11	9			C-3, limonite specs. with bands of vitrain		
		90.99	32	26	4701		C-2		
		91.07	8	7			C-1		
		91.09	2	2			C-4		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7808 SHEET No: 15
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		91.19	10	8			C-1		
		91.54	35	29			C-2		
		91.86	32	26			C-1		
	91.86	93.15	129	106			Coal loss		
						304'/92.66			
		93.25	10	8			C-1		
		93.35	10	8			C-4		
35°		93.48	13	11			C-1		
					4701		Top of Box 40		
		93.53	5	4			C-3		
		93.80	27	22			C-1		
		93.96	16	13			C-3		
						309'/94.18			
		94.09	13	11			C-2		
	94.09	94.60	51	42			Coal loss		
						311'/94.79			
	94.60	94.72	12	10			Carbonaceous claystone		
	94.72	94.90	18	15			Claystone loss		
	94.90	94.98	8	7			C-1		
		95.14	16	13			C-2		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7808 SHEET No: 16

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	95.14	95.37	23	19		313'/95.40	C-1		
		95.57	20	16			C-3		
		95.63	6	5	4701		C-4		
35°									
		95.83	20	16			C-3		
	95.83	96.15	32	26			Coal loss		
						316'/96.32			
	96.15	96.29	14	11			carbonaceous claystone with orange clay inclusions		
					4702				

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7808 SHEET No: 17
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 41		
	96.29	96.32	3	2		320'/97.54	coaly claystone		
	96.32	96.50	18	15			claystone loss		
	96.50	96.62	12	10			C-2		
	96.62	96.75	13	11			coal loss		
	96.75	96.81	6	5			coaly claystone		
	96.81	96.84	3	2			C-2		
	96.84	96.89	5	4			carbonaceous claystone		
	96.89	97.05	16	13		322'/98.14	claystone loss		
	97.05	97.33	28	23			C-2		
35°					4702				
	97.33	97.64	31	25			C-1		
	97.64	98.06	42	34			Claystone loss		
						325.5'/99.21			
	98.06	98.10	4	3			C-4		
	98.10	98.38	28	23			C-2		
	98.38	98.73	35	29			C-1		
	98.73	98.90	17	14			claystone loss		
	98.90	99.00	10	8			coaly claystone		
	99.00	99.39	39	32			coal loss		
	99.39	99.45	6	5			C-1		
		99.50	5	4			C-3		
		99.60	10	8			C-1		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7808 SHEET No: 18
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 42		
	99.60	99.93	33	27			claystone carbonaceous, highly broken occasional silty with some thin coal layers		
						330'/100.58			
	99.93	100.08	15	12			as above		
	100.08	100.52	44	36			claystone loss		
	100.52	100.61	9	7			C-1		
	100.61	100.69	8	6			claystone carbonaceous		
35	100.69	100.70	1	1			C-1		
	100.70	100.85	15	12			coaly claystone; broken mized with coal fragments		
		101.90	1.05	86			claystone carbonaceous with few thin coal bands; fossiliferous		
		101.92	2	2			coal pulverized -1		
						335'/102.11			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7808 SHEET No: 19

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 43		
	101.92	102.10	0.18				dark grey claystone with carbonaceous plant fragments		
		103.40	1.30				mainly medium grey siltstone with irregular dark grey claystone bands with plant fragments coal stringers and narrow claystone bands (less than 10 cm)		
						340'/103.63			
		103.56	0.16				siltstone as above partly pulverized probable core loss		
30°		103.76	0.20				silty claystone unbroken		
		103.89	0.13				dark grey claystone very broken		
							Top of Box 44		
		103.95	0.06				claystone broken same as above		
		104.98	1.03				fine grained light grey sandstone minor iron stains		
						345'/105.16			
		106.00	1.02				sandstonae same as above		
							Top of Box 45		
		106.46	0.46				sandstone as above		
						350'/106.68			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7808 SHEET No: 20
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
25°	106.46	108.03	1.57				sandstone as above		
						355'/108.20			
							Top of Box 46		
30°		109.54	1.51				same as above, calcite veining C.A. 60°		
						360'/109.73			
		110.06	0.52				same as above		
							Top of Box 47		
30°		111.11	1.05				sandstone fine grained laminae		
						365'/111.25			
		112.16	1.05				laminated sandstone as above		
							Top of Box 48		
		112.58	0.42				sandstone as above		
		114.05	1.47				sandstone as above, calcite veining C.A. 80°		
						375'/114.30			
		114.18	0.13				sandstone as above with carbonaceous partings		
							Top of Box 49		
35°		115.58	1.40				coarse grained sandstone with coal stringers		
						380'/115.82			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7808 SHEET No: 21
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		116.08	0.50				sandstone as above		
		116.18	0.10				sandstone as above; broken core and calcite		
		116.28	0.10				sandstone as above, unbroken		
							Top of Box 50		
		117.22	0.94				sandstone as above; coal on fractured surfaces and coal inclusions		
						385'/117.35			
25°		118.40	1.18				sandstone as above; with lystric surfaces coal inclusions and coal laminae		
							Top of Box 51		
		118.58	0.18				sandstone as above		
						390'/118.87			
35°		120.07	1.49				sandstone as above core broken in middle minor calcite veining		
						395'/120.40			
		120.45	0.38				sandstone as above		
							Top of Box 52		
25°		120.67	0.22				sandstone fine grained, light grey, stained with iron oxide		
		121.20	0.53				pebble conglomerate coarse grained sandy matrix		
30°		121.39	0.19				sandstone medium grained minor pebbles		

DENISON MINES LIMITED (COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7808 SHEET No: 22

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	121.39	122.56	1.17				pebble conglomerate, the pebbles are matrix supported matrix is fine to medium grained sandstone		
							Top of Box 53		
		123.10	0.54				Conglomerate as above, coal inclusions		
						405'/123.44			
		124.55	1.45				pebble conglomerate		
						410'/124.97			
		124.95	0.40				as above		
							Top of Box 54		
		125.98	1.03				conglomerate as above		
		126.15	0.17				brown fine grained sandstone ground		
						414'/125.19			
		127.20	1.05				pebble conglomerate as above		
							Top of Box 55		
		127.60	0.40				as above, pebble conglomerate		
						419'/127.71			
		129.16	1.56				pebble conglomerate, as above		
		129.39	0.23			424'/129.24	as above broken coaly plant fragments		

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DENISON MINES LIMITED (COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7808 SHEET No: 23

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 56		
	29.39	130.72	1.33				pebble conglomerate as above		
						429.5'/130.91			
		131.47	0.75				as above		
							Top of Box 57		
		131.57	0.10				as above, pebble conglomerate		
35°		131.95	0.38				light grey, fine grained laminated sandstone coaly inclusions and laminae		
		132.29	0.34				pebble conglomerate		
						434.5'/132.44			
35°		133.60	1.31				pebble conglomerate with medium grained snadstone bands with carbonaceous part		
							Top of Box 58		
		133.92	0.32						
						439.5'/133.96			
45°		134.65	0.73				pebble conglomerate with sandstone bands, sandstone has coaly laminae, minor pebbles		
		135.34	0.69				sandstone band has coaly inclusions and carbonaceous laminae		
		135.46	0.12				pebble conglomerate		
						445/135.64			
		135.68	0.22				pebble conglomerate		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7808 SHEET No: 24
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 59		
	135.68	137.24	1.56				pebble conglomerate		
						450'/137.16			
		137.84	0.60				pebble conglomerate, sandy matrix pebbles are dominantly chert and claystone well rounded		
							Top of Box 60		
		138.81	0.97				pebble conglomerate as above coaly inclusions		
						455'/138.68			
		139.69	0.88				pebble conglomerate as above		
						458'/139.60			
		139.95	0.26				pebble conglomerate as above		
							Top of Box 61		
		140.25	0.30				pebble conglomerate as above		
						460'/140.21			
		141.81	1.56				pebble conglomerate as above		
						465'/141.73			
		142.07	0.26				pebble conglomerate as above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7808 SHEET No: 25
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 62		
40°	142.07	143.36	1.29				pebble conglomerate as above with 10 cm sandstone band at base		
						470'/143.26			
		144.08	0.72				pebble conglomerate as above		
40°		144.20	0.12				sandstone band; medium grained to coarse grained with coal inclusions and laminae		
							Top of Box 63		
		144.27	0.07				sandstone band as above		
		144.90	0.63				pebble conglomerate, fewer pebbles more grit		
						475'/144.78			
		145.44	0.54				pebble conglomerate with coarse grained sandstone and grit		
		145.55	0.11				brown sandstone; fine grained; limonite stained; ground probable core loss		
		146.36	0.81				pebble conglomerate as before		
							Top of Box 64		
		146.58	0.22				pebble conglomerate as above		
						480'/146.30			

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7808 SHEET No: 26
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	146.58	148.17	1.59				pebble conglomerate as above		
						485'/147.83			
		148.53	0.36				pebble conglomerate as above		
							Top of Box 65		
		149.66	1.13				pebble conglomerate matrix is coarse grained, sandstone , coal inclusions, sandy bands near base		
						490'/149.35			
		150.65	0.99				pebble conglomerate as above		
							Top of Box 66		
35°		151.27	0.62				light grey, fine grained sandstone		
						495'/150.88			
40°		152.33	1.06				sandstone, light grey fine grained with coal laminae and stringers includes 3 narrow pebble conglomerate bands		
		152.74	0.41				dark grey siltstone		
						500'/152.40			
							Top of Box 67		
		152.88	0.14				siltstone as above, broken probably ground		
		153.09	0.21				fine grain, dark grey siltstone		
		154.26	1.17				very fine grain laminae and cross-bedded siltstone		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7808 SHEET No: 27

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
						505'/153.92			
50°	154.26	154.88	0.62				fine grain sandstone as above		
							Top of Box 68		
30°		155.82	0.94				fine grain cross-bedded silty sandstone		
		155.93	0.11				dark grey silty claystone		
						510'/155.45			
		156.92	0.99				dark grey silty claystone with plant fragments, 2 narrow sandy bands		
							Top of Box 69		
		157.09	0.17				silty claystone as above dark grey		
		157.22	0.13				laminated silty claystone, light grey		
40°		157.39	0.17				tan coloured siltstone		
						515'/156.97			
40°		158.93	1.54				dominantly siltstone with claystone bands, siltstone, light grey; claystone dark grey, claystone bands contain plant fragments		
						520'/158.50			
							Top of Box 70		
		160.50	1.57				medium grey laminated siltstone		
						525'/160.02			
		160.59	.09				pulverized core - claystone		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7808 SHEET No: 28

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		160.67	0.08				pulverized core as above		
40°		160.89	0.22				siltstone as above		
		161.12	0.23				light grey, silty sandstone; micaceous		
							Top of Box 71		
		162.08	0.96			530'/161.54	fine grained light grey, sandstone with carbonaceous laminae		
45°		163.22	1.14				interbanded sandstone and claystone		
							Top of Box 72		
		163.65	0.43				light grey sandstone with carbonaceous and claystone laminae		
						535'/163.07			
		163.98	0.33				as above		
		165.15	1.17				light grey to tan siltstone with dark grey claystone bands; soft sediment deformation; minor sandstone banding		
						540'/164.59			
		165.28	0.12				siltstone as above		
							Top of Box 73		
		166.44	1.17				light grey, fine grain silty sandstone with irregular dark grey claystone bands		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7808 SHEET No: 29

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						545'/166.12			
	166.44	166.54	0.10				claystone; very dark grey; with coal bands		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7808 SHEET No: 30
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 74		
	166.54	166.70	.16				claystone carbonaceous		
	166.70	166.77	.07				coal loss		
	166.77	166.83					C-3		
		166.93	.10				C-1		
		166.96	.03				C-2		
	166.96	166.98	.02				C-1		
40°	166.98	167.08	.10				sandstone, silty; regular bedding with carbonaceous laminae		
	167.08	167.12	.04				C-1		
	167.12	167.25	.13				C-4		
	167.25	167.32	.07				C-3		
						550'/167.64			
	167.32	167.52	.20				coal loss		
	167.52	167.82	.30				C-2		
	167.82	168.53	.71				carbonaceous claystone with thin bands of coal at the top		
						555'/169.16			
	168.53	169.00	.47				coaly claystone loss		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7808 SHEET No: 31

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	169.00	169.12	0.12				C-1		
	163.12	169.30	0.18				coal loss		
	169.30	169.40	0.10				claystone carbonaceous		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7808 SHEET No: 32

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 75		
	169.40	170.22	0.82				slightly silty very dark grey to black claystone with coal bands to 1 cm		
		170.32	0.10				light grey banded siltstone		
40°						560'/170.69			
		171.45	1.13				light grey to tan banded siltstone and claystone shows soft sediment and worm burrows are overturned		
							Top of Box 76		
45°		171.78	0.33				as above lystric surfaces on partings		
						565'/172.21			
		173.23	1.45				as above		
						570'/173.74			
		173.46	0.23				similar to above with more sandstone bands; worm burrows are overturned; soft sediment deformation		
							Top of Box 77		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7808 SHEET No: 33

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							Top of Box 77		
41°		173.66	20				sandstone, very fien grained, carbonaceous laminae, cross-laminated		
	173.66	174.00	34				claystone carbonaceous, coal inclusions at base		
	174.00	174.25	25				claystone loss		
	174.25	175.00	75	57			C-1		
						575'/175.26			
	175.00	175.80	80				claystone carbonaceous, sandy at base		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7808 SHEET No: 34
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 78		
	175.80	176.49	0.69				light grey fine grain sandstone with carbonaceous bands becoming more carbonaceous towards base core broken lystric surfaces probable core loss		
						580'/176.78			
30°		176.55	0.06				sandstone as above		
		176.90	0.35				dark grey to tan coloured partly pulverized claystone		
		177.85	0.95				mottled grey and tan siltstone with claystone bands		
							Top of Box 79		
50°		178.09	0.24				siltstone, medium grained, banded		
		179.21	1.12				siltstone as above		
						590'/179.83			
		179.82	0.61				siltstone as above		
						592'/180.44			
							Top of Box 80		
		181.41	1.59				siltstone, banded, medium grained		
						597'/181.97			
		182.03	0.62				siltstone as above		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7808 SHEET No: 35
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 81		
		182.45	0.42				siltstone as above		
						600'/182.88			
		184.06	1.61				siltstone as above		
							Top of Box 82		
60°		185.53	1.47				siltstone, banded light grey and dark grey		
						610'/185.93			
		186.07	0.54				siltstone as above		
							Top of Box 83		
		187.15	1.08				siltstone as above		
						615'/187.45			
30°		188.10	0.95				siltstone, dark grey, banded, contains coal inclusions		
							Top of Box 84		
		188.23	0.13				claystone, coaly stringers and siltstone bands		
		188.36	0.13				siltstone, light grey, coaly inclusions		
35°		188.75	0.39				claystone, dark grey, plant fragments		
						620'/188.98			

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7808 SHEET No: 36
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		189.02	0.27				claystone as above		
		190.19	1.17				siltstone, and sandstone, very fine grained, light grey interbanded minor claystone		
							Top of Box 85		
30°		191.59	1.40			625'/190.05	as above, continuous carbonaceous laminae		
30°		191.84	0.25			630'/192.02	claystone, silty, with 1 cm coal band		
		192.31	0.47				siltstone, light grey, with claystone bands and laminae		
							Top of Box 86		
		193.22	0.91				siltstone, light grey, interbed with dark grey claystone, plant fragments		
		194.42	1.20			635'/193.55	same as above		
							Top of Box 87		
		194.72	0.30				siltstone as above		
		196.25	1.53			640'/195.07	siltstone as above		
		196.51	0.26			645'/196.60	siltstone as above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7808 SHEET No: 37
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 88		
40°		197.78	1.27				siltstone light grey and dark grey banded		
						650'/198.12			
		197.88	0.10				siltstone as above		
		198.70	0.82				claystone and silty claystone dark grey banded, plant fragment thin coal bands at the top		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7808 SHEET No: 38
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 89		
	198.70	199.00	0.30				claystone carbonaceous, some coal inclusions		
	199.00	199.15	0.15				C-1		
	199.15	199.30	0.15				coal loss		
	199.30	199.56	0.26				claystone carbonaceous, sitly at base		
						655'/199.64			
43°	199.56	200.26	0.70				claystone silty with carbonaceous fragments		
	200.26	200.34	0.08				C-1		
	200.34	200.42	0.08				C-3		
		200.48	0.06				C-1		
	200.48	200.68	0.20				claystone carbonaceous highly broken		
						660'/201.17			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7808 SHEET No: 39

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	200.68	200.81	0.13				claystone carbonaceous as above		
							Top of Box 90		
		200.89	0.08				carbonaceous claystone		
	200.89	201.30	0.41				claystone loss		
	201.30	201.45	0.15				C-4, ground, pulberized		
	201.45	201.68	0.23		662'	/201.78	claystone loss		
	201.68	202.34	0.66				coaly claystone		
	202.34	202.45	0.11				C-1		
	202.45	202.55	0.10				C-4		
						666'	/203.00		
44°	202.55	203.31	0.76				carbonaceous claystone with occasional thin coal layers		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7808 SHEET No: 40

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							Top of Box 91		
	203.31	203.78	0.47				claystone , dark grey to tan silty contains coal bands		
						670'/204.21			
30°		204.21	0.43				siltstone light grey banded with claystone		
		205.35	1.14				claystone, dark grey and tan silty in sections		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7808 SHEET No: 41

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 92		
		205.40	0.05				as above		
						675'/205.74			
		205.50	0.10				claystone as above		
		205.70	0.20				light grey siltstone laminae		
		206.37	0.67				dark grey siltstone contains abundant claystone		
						678'/206.65			
35°		207.40	1.03				siltstone medium grey and dark grey banded soft sediment deformation		
							Top of Box 93		
		207.80	0.40				sandstone, light grey laminae with carbonaceous material, cross laminae indicates tops are down		
						683'/208.18			
		208.45	0.65				sandstone as above		
		209.19	0.74				siltstone medium grey banded		
						688'/209.70			
		209.43	0.24				siltstone as above		
							Top of Box 94		
		209.49	0.06				siltstone as above		
						689'/210.01			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7808 SHEET No: 42

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
40°		210.91	1.42				siltstone medium grey and dark grey banded		
						694'/211.53			
		211.07	0.16				siltstonae as above		
		211.18	0.11				broken core siltstone as above		
		211.54	0.36				siltstone as above		
							Top of Box 95		
		212.75	1.21				siltstone tan and dark grey banded as above		
40°		213.57	0.82				claystone dark grey with thin coal bands		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7808 SHEET No: 43

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							Top of Box 96		
		214.11	0.54				coaly claystone, highly broken with occasional coaly bands		
		214.87	0.76				carbonaceous claystone		
43°		215.57	0.70				sandstone, silty, thin laminations, cross-bedding at top, parallel beds toward base with few calcite veins		
joint 54°									

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7808 SHEET No: 44

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 97		
		215.65	0.08				light grey siltstone		
						709.5'	216.26		
		216.24	0.59				sandstone, very fine grain silty, banded with carbonaceous laminae		
		217.25	1.01				siltstone dark grey banded, worm burrow shows tops are down, bioturbation		
						714.5	217.78		
		217.60	0.35				siltstone thin laminae dark grey		
							Top of Box 98		
		218.02	0.42				siltstone as above		
		218.41	0.39				claystone carbonaceous with plant fragments		
		218.86	0.45	0.25			siltstone as before		
						719.5'	219.30		
50		219.76	0.90	0.58			siltstone banded, dark grey and tan interbanded with claystone well indurated		
							Top of Box 99		
		220.42	0.66	0.42			siltstone as above		
						724.5'	220.83		
		221.35	0.93	0.60			siltstone as above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7808 SHEET No: 45
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
		221.83	0.48	0.31			claystone tan to dark grey broken at base probable core loss		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7808 SHEET No: 46

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKness True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 100		
		222.05	0.22	0.14			carbonaceous claystone		
						730'/222.50			
		222.41	0.36	0.23			as above with thin coal layers to 0.5 cm		
	222.41	222.75	0.34	0.22			claystone loss		
	222.75	222.95	0.20	0.13			coal loss		
	222.95	223.10	0.15	0.10			claystone loss		
	223.10	223.30	0.20	0.13			C-1, highly broken, pulverized at base		
	223.30	223.63	0.33	0.21			coal loss		
	223.63	223.73	0.10	0.06			coaly claystone sheared and highly broken		
50°	223.73	224.20	0.47	0.30			claystone loss		
	224.20	224.74	0.54	0.35			C-1, highly broken, partly pulverized		
	224.74	225.85	1.11	0.71		735'/224.03	coal loss		
50	225.85	226.13	0.28	0.18			carbonaceous claystone, broken		
		226.19	0.06	0.04			carbonaceous claystone, very coaly, broken		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7808 SHEET No: 47

DATE BEGUN: DEPTH: BEARING: U.T.M.:

DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:

LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 101		
60°		227.27	1.08	0.54			siltstone banded lgiht grey, with claystone interbeds		
						745'/227.08			
50°		228.31	1.04	0.67			siltstone as above worm burrows bioturbation soft sediment deformation		
							Top of Box 102		
		228.71	0.40				siltstone as above		
						750'/228.60			
		230.07	1.36				claystone dark grey and carbonaceous with lystric surfaces minor sulphide (pyrite)		
						755'/230.12			
		230.43	0.36				claystone as above		
							Top of Box 103		
		231.57	1.14				claystone dark grey with coaly bands		
						760'/231.65			
40°		232.60	1.03				claystone as above		
							Top of Box 104		
		233.19	0.59				claystone as above		
						765'/233.17			
		234.71	1.52				claystone as above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7808 SHEET No: 48
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 105		
						770'/234.70			
		235.56	0.85				claystone as above broken at base possible loss		
		236.08	0.52				siltstone medium grey with claystone bands		
		236.23	0.15				very fine grain sandstone, light grey, laminae with carbonaceous material		
						775'/236.22			
		236.83	0.60				sandstone as above		
							Top of Box 106		
		237.78	0.95				sandstone very fine grained, light grey laminae with worm burrows		
						780'/237.74			
40°		238.28	0.50				sandstone as above with claystone interbeds		
		238.93	0.65				siltstone with claystone interband worm burrow bioturbation		
							Top of Box 107		
		239.37	0.44				claystone dark grey silty and carbonaceous		
						785'/239.27			
		240.65	1.28				claystone dark grey with thin coal interbands lystric surfaces in middle		
						790'/240.79			
		240.87	0.22				claystone as above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7808 SHEET No: 49
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 108		
		241.85	0.98				claystone as above low grade iron sulphide		
60°		242.18	0.33				sandstone light grey fine grained laminae		
						795'/242.32			
		242.93	0.75				sandstone as above		
							Top of Box 109		
		243.15	0.22				sandstone as above with soft sediment deformation		
		243.26	0.11				carbonaceous claystone broken and pulverized		
		243.37	0.11				claystone as above broken with lystric surfaces and coaly inclusions		
		243.51	0.14				C-2 pulverized		
		243.67	0.16				dark grey claystone		
						800'/243.84			
50°		244.99	1.32				claystone banded dark grey and tan worm burrows		
							Top of Box 110		
		245.22	0.23				siltstone light grey coal band		
						805'/245.36			
		246.73	1.51				siltstone as above minor calcite veining		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7808 SHEET No: 50
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
						810'/246.89			
		247.13	0.40				similar to above		
							Top of Box 111		
		247.64	0.51				claystone dark grey with coal stringers and bands		
		248.28	0.64				claystone carbonaceous with lystric surfaces thin coal bands, minor sulphides		
						815'/248.41			
	248.28	248.65	0.37				grey claystone with plant fragments		
	248.65	249.13	0.48				C-2 with lystric surfaces		
							Top of Box 112		
45°	249.13	249.37	0.24				C-2, broken, pulverized		
	249.37	249.46	0.09				C-3, broken		
	249.46	249.60	0.14			820'/249.94	C-4 loss		
	249.60	249.85	0.25				Coal loss (C-2)		
	249.85	249.95	0.10				siltstone broken and ground core		
		250.12	0.17				siltstone unbroken		
		251.29	1.17				sandstone light grey fine grain laminae with carbonaceous material		
						825'/251.46			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7808 SHEET No: 51
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
40°		251.48	0.19				sandstone as above		
							Top of Box 113		
		252.03	0.55				sandstone becoming silty		
		252.68	0.65				claystone dark grey with lystric surfaces		
						830'/252.98			
		252.95	0.27				claystone as above		
		253.56	0.61				siltstone light grey with sandy bands		
							Top of Box 114		
		254.25	0.69				siltstone as above		
						835'/254.51			
		255.50	1.25				siltstone light grey with sandy bands coal stringers		
							Top of Box 115		
		255.67	0.17				sandstone medium grained laminae		
		257.19	1.52				sandstone silty bands		
						845'/257.56			
		257.31	0.12				sandstone		
45°		257.42	0.11				claystone dark grey with plant fragments		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7808 SHEET No: 52
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 116		
		258.02	0.60				claystone dark grey with siltstone bands, tan coloured coal stringers		
40°		258.78	0.76				siltstone dark grey and tan with claystone bands		
						850'/259.08			
		258.99	0.21				siltstone as above		
		259.48	0.49				sandstone, light grey with carbonaceous laminae		
							Top of Box 117		
		260.21	0.73				sandstone as above		
		260.34	0.13				claystone dark grey wilty bands and plant fragments coal bands and stringers		
						855'/260.60			
		261.43	1.09				claystone dark grey silty bands and plant fragment coal bands and stringers		
							Top of Box 118		
		261.84	0.41				claystone as above		
						860'/262.13			
		261.96	0.12				claystone as above		
		263.43	1.47				siltstone dark grey with claystone bands worm burrows bioturbation		
						865'/263.65			

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7808 SHEET No: 53

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 119		
		264.93	1.50				siltstone as above with coaly inclusions and bands		
						870'/265.18			
		265.67	0.74				dark grey claystone		
							Top of Box 120		
45°		266.54	0.87				siltstone banded tan and dark grey with plant fragments and soft sediment deformation		
		267.22	0.68				siltstone as above		
		267.78	0.56				sandstone fine grain light grey laminae		
							Top of Box 121		
		269.95	0.17				sandstone as above		
						880'/268.22			
		268.10	0.15				sandstone as above		
		268.76	0.66				siltstone as before		
		268.80	0.04				coal, C-4		
		269.56	0.76				siltstone as above		
						885'/269.75			
		269.84	0.28				siltstone as above with sandstone bands		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7808 SHEET No: 54
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 122		
	269.84	270.49	0.65				siltstone light grey with dark grey carbonaceous bands and laminae and plant fragments		
		270.65	0.16				claystone carbonaceous		
		270.78	0.13				claystone carbonaceous broken and pulverized core		
		270.89	0.11				siltstone medium grey		
						890'/271.27			
		271.89	1.00				sandstone silty light grey with dark grey bands and laminae worm burrow bioturbated		
							Top of Box 123		
		272.43	0.54				claystone dark grey silty coaly bands and laminae		
		272.48	0.05				sandstone fine grained laminae		
						895'/272.80			
		273.39	0.91				sandstone, fine grained as above		
		273.86	0.47				claystone dark grey with coal bands		
							Top of Box 124		
		273.92	0.06				claystone as above		
		273.98	0.06				siltstone medium grey banded		
						900'/274.32			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7808 SHEET No: 55

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	273.98	274.50	0.52				sandstone, silty very fine grained laminae, worm burrows, bioturbated		
		274.65	0.15				claystone dark grey with plant fragments		
	274.65	274.80	0.15				coal loss		
	274.80	274.96	0.16				claystone as above, broken core lystric surfaces		
		275.58	0.62				siltstone tan coaly inclusions		
						905'/275.84			
		275.99	0.41				siltstone as above		
							Top of Box 125		
		276.05	0.06				claystone carbonaceous		
	276.05	276.14	0.09				C-1		
	276.14	276.32	0.18				coal loss		
	276.32	276.42	0.10				claystone coaly		
	276.42	276.56	0.14				C-3		
	276.56	276.80	0.24				coal loss		
	276.80	276.85	0.05				claystone carbonaceous		
						910'/277.37			
		277.26	0.41				claystone carbonaceous		
		277.77	0.51				claystone silty tan		
		278.41	0.64				claystone dark grey with plant fragments		
						915'/278.89			
		278.46	0.05				claystone as above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7808 SHEET No: 56

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 126		
	278.46	278.63	0.17				carbonaceous claystone		
	278.63	278.86	0.23				claystone loss		
	278.86	279.00	0.14				C-1		
	279.00	279.82	0.82				carbonaceous claystone		
						920'/280.41			
	279.82	279.91	0.09				carbonaceous coaly claystone		
	279.91	280.38	0.47				claystone loss		
	280.38	280.44	0.06	0.04			C-4		
	280.44	280.55	0.11	0.07			carbonaceous claystone		
	280.55	280.67	0.12	0.08			C-1		
50°		280.85	0.18	0.12			C-3		
		281.10	0.25	0.16			C-1, broken partly pulverzied		
							Top of Box 127		
		281.20	0.10	0.06			C-2		
	281.20	281.26	0.06	0.04			coaly claystone		
	281.26	281.42	0.16	0.10			claystone loss		
	281.42	281.58	0.16	0.10			C-2		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7808 SHEET No: 57

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M. : _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT. : _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	281.58	281.78	0.20	0.13		925'/281.94C-3			
	281.78	282.00	0.22	0.14			coal loss		
55°	282.00	283.03	1.03				silty claystone, carbonaceous fragments		
						930'/283.46			
		283.40	0.37				as above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7808 SHEET No: 58
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 128		
	283.40	284.55	1.15				claystone silty banded dark grey		
						935'/284.99			
40°		285.47	0.92				claystone as above calcite veining core angle 60°		
							Top of Box 129		
		286.09	0.62				claystone as above banded		
						940'/286.51			
		286.52	0.43				claystone as above		
40°		287.48	0.96				sandstone silty very fine grain, light grey carbonaceous laminae		
							Top of Box 130		
		287.62	0.14				siltstone dark grey, sandy banded		
						945'/288.04			
		288.03	0.41				siltstone dark grey as above with sandstone bands plant fragments and minor claystone bands		
40°		289.18	1.15				sandstone fine grain with siltstone bands and carbonaceous laminae		
						950'/289.56			
		289.28	0.10				sandstone as above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7808 SHEET No: 59

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		289.38	0.10				dark grey siltstone		
							Top of Box 131		
45°		289.98	0.60				dilstonse dark grey banded with carbonaceous laminae		
		290.78	0.80				sandstone very fine grain with siltstone bands parallel bedded		
						955'/291.08			
		291.46	0.68				sandstone as above with carbonaceou laminae and claystone bands		
							worm burrows		
							Top of Box 132		
		291.54	0.08				claystone dark grey banded		
		291.83	0.29				sandstone, medium grey with carbonaceous laminae		
		292.21	0.38				claystone dark grey with plant fragments and coaly inclusions		
						960'/292.61			
		292.62	0.41				claystone silty bands and coaly layers		
		293.59	0.97				sandstone with carbonaceous laminae		
							Top of Box 133		
45°		293.78	0.19				sandstone as above		
						965'/294.13			
		295.27	1.49				sandstone light grey medium-grain with carbonaceous bands and laminae		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7808 SHEET No: 60
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							calcite veining core angle 60°		
						970'/295.66			
		295.71	0.44				sandstone as above		
							Top of Box 134		
		296.90	1.19				siltstone medium to dark grey with carbonaceous bands laminae and plant fragments		
						975'/297.18			
40°		297.75	0.85				carbonaceous claystone with coal bands to 1 cm		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7808 SHEET No: 61

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 135		
						980'/298.70			
	297.75	298.12	0.37				coal loss		
	298.12	298.15	0.03				C-3		
	298.15	298.57	0.42				claystone loss		
	298.57	298.72	0.15				coaly claystone		
	298.72	299.00	0.28				C-2, broken and pulverized at base, partly sheared		
		299.43	0.43				carbonaceous claystone as before		
						984'/299.92			
		299.63	0.20				siltstone interbedded with laminations of fine grained sandstone		
41°		300.28	0.65				sandstone, fine-medium grained, thin laminations, carbonaceous laminations, parallel bedding		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7808 SHEET No: 62
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 136		
		300.51	0.23				sandstone as above		
		300.76	0.25				claystone dark grey plant fragments		
		300.96	0.20				claystone as above broken core lystric surfaces		
						989'/301.45			
40°		301.42	0.46				carbonaceous claystone lystric surface		
		301.88	0.46				siltstone salt and pepper textured medium grey		
		302.30	0.42				claystone carbonaceous, broken and pulverized		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7808 SHEET No: 63
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 137		
		302.46	0.16				carbonaceous claystone		
						994'/302.97			
		302.96	0.50				as above		
		303.00	0.04				coaly claystone		
	303.00	303.10	0.10				claystone loss		
	303.10	303.32	0.22				C-2		
	303.32	304.13	0.81				claystone, dark grey, some carbonaceous fragments, compact, uniform		
						999'/304.50			
		304.49	0.36				as above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7808 SHEET No: 64
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 138		
		304.93	0.44				claystone dark grey with carbonaceous plant fragments		
		305.22	0.29				siltstone light grey and dark grey banded		
		305.74	0.52				claystone as above		
35°		306.29	0.55				claystone very dark grey coal stringers		
		306.57	0.28				siltstone medium grey banded with claystone		
							Top of Box 139		
		306.99	0.42				siltstone banded as above		
		307.29	0.30				sandstone medium grey, fine to medium grained with carbonaceous laminae and inclusions		
						1010'/307.85			
		308.75	1.46				sandstone as above, cross laminations show tops are down		
							Top of Box 140		
		308.86	0.11				sandstone		
						1015'/309.37			
30°		309.93	1.07				sandstone some coaly bands calcite veining at 70°		
		310.05	0.12				claystone, silty and carbonaceous broken and probable core loss		
		310.51	0.46				dark grey siltstone banded with worm burrows; bioturbated		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7808 SHEET No: 65

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
						1020'/310.90			
		310.68	0.17				silty claystone		
							Top of Box 141		
		312.11	1.43				siltstone, medium grey with irregular bands, sandstone claystone coaly laminae and stringers		
						1025'/312.42			
		312.54	0.43				siltstone as above		
		312.80	0.26				sandstone light grey fine grained coaly laminae		
							Top of Box 142		
		313.62	0.82				sandstone, fine grained, light and dark grey with claystone laminae and intraclasts		
						1030'/313.94			
		314.30	0.68				sandstone as above		
		314.73	0.43				silty claystone coal stringers dark grey thin banded		
							Top of Box 143		
		315.21	0.48				claystone as above		
						1035'/315.47			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7808 SHEET No: 66
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
60°		315.43	0.22				claystone as above, dark grey with plant fragments and sandy and silty bands		
		316.78	1.35				sandstone vanded dark grey and light grey, coaly inclusions and stringers (few)		
						1040' /316.99			
		316.84	0.06				sandstone as above		
							Top of Box 144		
45°		317.56	0.72				sandstone as above		
		318.38	0.82				siltstone with claystone bands tan and dark grey		
						1045' /318.52			
		318.49	0.11				similar to above		
		318.91	0.42				sandstone light grey, medium grained with coaly inclusions and laminae		
							Top of Box 145		
40°		319.71	0.80				sandstone, light grey, medium grey, bedded and laminae, with coaly layers		
						1050' /320.04			
		320.95	1.24				sandstone, as above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7808 SHEET No: 67

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 146		
		321.19	0.24				sandstone, as above		
		321.25	0.06				claystone , dark grey		
						1055'/321.56			
		321.43	0.18				claystone, carbonaceous with lystric surface		
	321.43	321.80	0.37				coal loss		
		322.23	0.43				claystone, dark grey, with coal stringers laminae and plant fragments		
		322.42	0.19				claystone, tan with plant fragments		
		322.62	0.20				carbonaceous claystone, with minor pyrite		
		322.86	0.24				siltstone, light grey and dark, thin banded, micacious on partings		
							Top of Box 147		
		323.22	0.36				siltstone, as above		
30°		323.84	0.62				sandstone, silty laminae, light and dark grey, minor calcite veining		
						1065'/324.61			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7808 SHEET No: 68
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		324.70	86				sandstone, light grey, silty banded		
							Top of Box 148		
		325.26	56				sandstone, light grey, carbonaceous laminae lystric surface, silty bands and claystone bands		
						1070'/326.14			
35°		325.55	29				siltstone, dark grey with claystone bands, plant fragments		
		326.72	1.17				sandstone, light grey, fine grained, with carbonaceous laminae		
							Top of Box 149		
						1075'/327.66			
		326.86	.14				sandstone, as above		
		328.23	1.37				claystone, dark grey to black, coal bands lystric surface, plant fragments		
						1080'/329.18			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7808 SHEET No: 69
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		328.78	.55				claystone, as above with worm burrows		
							Top of Box 150		
		328.94	.16				carbonaceous claystone, with coal bands		
	328.94	329.60	.66				claystone loss		
	329.60	329.71	.11				coal - C-2		
	329.71	329.85	.14				coal loss		
	329.85	330.41	.56				claystone, dark grey with coal stringers and plant fragments		
						1085'/330.71			
60°		331.64	1.23				claystone, as above		
							Top of Box 151		
		331.85	.21				claystone, dark grey, coal stringer and bands		
						1090'/332.23			
		332.34	.49				siltstone, dark grey, with claystone interbands		
		333.33	.99				claystone, dark grey		
		333.45	.12				sandstone, medium grained, grey		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7808 SHEET No: 70
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
						1095'/333.76			
		333.61	16				sandstone, as above		
							Top of Box 152		
55°		334.90	129				sandstone, medium grey, carbonaceous laminae, claystone bands		
						1100'/335.28			
		335.46	56				claystone, dark grey, coal bands, silty at base		
		335.60	14				sandstone, silty laminae		
							Top of Box 153		
		336.29	69				claystone, dark grey, plant fragments lystric surface coal, bands thin		
						1105'/336.80			
45°		336.43	14				carbonaceous claystone, with coal bands, thin		
		337.28	85				siltstone, light grey and tan with claystone interbeds , carbonaceous laminae		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7808 SHEET No: 71
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		337.38	10				claystone		
		337.46	8				coal, C-4		
		337.67	21				claystone, dark grey, lystric surface, coaly laminae		
							Top of Box 154		
35°		337.89	22				claystone, dark grey, lystric surfaces		
		338.07	18				siltstone, tan, laminae		
		339.25	1.18				sandstone, fine grained, with claystone bands, carbonaceous laminae worm burrows		
						1115'/339.85			
50°		339.71	46				sandstone, as above		
							Top of Box 155		
		340.34	63				sandstone, as above		
		340.76	42				claystone, dark grey with coal bands, lystric surfaces		
						1120'/341.38			

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7808 SHEET No: 72

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		340.90	14				claystone, as above		
50°		341.71	81				siltstone, medium grey, with dark grey claystone bands, carbonaceous laminae		
		342.27	56				silty claystone, dark grey, lystric surface, coaly bands		
						1125'/342.90			
		342.60	33				claystone, as above with lystric surfaces		
55°		343.01	41				sandstone, very fine grained		
		343.50	49				claystone, dark grey and tan banded, coal stringers and bands		
		343.72	22				sandstone, silty carbonaceous laminae		
						1130'/344.42			
							Top of Box 157		
		344.19	47				sandstone, banded and laminae as above		
		345.19	100				claystone, tan dark grey, coal inclusions		
						1135'/345.95			

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7808 SHEET No: 73

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		345.84	.65				claystone, as above with plant fragments		
							Top of Box 158		
		345.93	.09				claystone, as above		
		346.40	.47				sandstone, light grey, fine grained, carbonaceous laminae, worm burrows		
40°		346.68	.28				claystone, dark grey with plant fragments		
		346.77	.09				sandstone, as before		
						1140'/347.47			
		347.16	.39				sandstone, as before		
		347.85	.69				claystone, dark grey, tan, plant fragments		
							Top of Box 159		
50°		348.34	.49				sandstone, light grey, fine grained, carbonaceous laminae		
						1145'/349.00			
		349.17	.83				sandstone, as above with silty bands		
50°		350.15	.98				claystone, dark grey with plant fragments, coaly layers		
						1150'/350.52			

Form 71 0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7808 SHEET No: 74
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		350.44	.29				claystone, as above Top of Box 160		
45°		351.69	1.25				claystone, dark grey with minor plant fragments, carbonaceous bands and laminae		
						1155'/352.04			
		352.44	.75				as above Top of Box 161		
		353.24	.80				claystone, medium grey, minor plant fragments		
						1160'/353.57			
		353.86	.62				siltstone, grey with plant fragments and coaly inclusions		
		353.94	.08				coaly claystone		
	353.94	354.04	.10				coal, unbroken, C-1		
		354.15	.11				coal, broken, ground C-2		
		354.37	.22				claystone, dark grey, lystric surfaces		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7808 SHEET No: 75
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 162		
45°		354.52	15				claystone, dark grey and tan banded		
						1165'/355.09			
		355.30	78				claystone, as above		
50°		356.03	79				siltstone, dark grey		
						1170'/356.62			
		356.37	34				siltstone, dark grey as above		
							Top of Box 163		
		356.84	47				silty claystone, dark tan		
		357.11	27				claystone, dark brown, with lystric surfaces, coaly laminae, broken, probable core loss		
		357.29	18				claystone, dark grown, with coaly invlusions		
						1175'/358.14			
		357.16	32				claystone, as above, broken core		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7808 SHEET No: 76
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
35°		358.47	86				sandstone, light grey, very fine grained, silty, laminae, calcite veining, core angle 45°		
							Top of Box 164		
		358.90	43				sandstone, as above		
						1180'/359.66			
		359.19	29				sandstone, as above		
		359.58	39				siltstone, dark grey, laminae, coaly stringers		
		360.15	57				sandstone, as before		
		360.97	82				claystone, dark grey, with plant fragments, sandy towards base		
						1185'/361.19			
							Top of Box 165		
		362.05	108				claystone, drak grey with plant fragments, banded		
35°		362.59	54				sandstone, medium grey, laminae, carbonaceous, plant fragments		
						1190'/362.71			
		363.06	47				sandstone, as above		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7808 SHEET No: 77

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
		364.18	112				claystone, dark grey and carbonaceous with lystric surfaces		
						1195'/364.24			
		364.31	13				claystone as above		
30°		364.97	66				sandstone, very fine grained, with carbonaceous laminae		
		365.19	22				sandstone, silty banded		
							Top of Box 167		
		365.73	54				claystone, silty banded, light grey and dark, carbonaceous laminae		
						1200'/365.76			
45°		367.30	157				sandstone, light grey, fine grained, with carbonaceous laminae		
						1205'/367.28			
							Top of Box 168		
		368.19	89				sandstone, as above		
		368.69	50				claystone, dark grey, plant fragments		
						1210'/368.81			

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7808 SHEET No: 78
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		369.10	41				claystone, as above		
60°		369.39	29				siltstone, dark grey		
							Top of Box 169		
		370.20	81				claystone, dark grey, with coaly bands minor, minor plant fragments calcite bands		
						1215'/370.33			
		370.27	7				claystone, as above		
40°		371.39	112				sandstone, very fine grained, light grey, laminae, silty		
							Top of Box 170		
		371.73	34				sandstone, as above		
						1220'/371.86			
							calcite veins core angel 65°		
		372.00	27				sandstone, as above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7808 SHEET No: 79
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
35°		372.71	71				siltstone, sandy, laminae and banded		
		373.12	41				sandstone, very fine grained, with carbonaceous laminae and coaly inclusions		
		373.26	14				claystone, dark grey with lystric surfaces, minor calcite		
						1225'/373.38			
		373.37	11				sandstone, with claystone bands and coaly invlusions		
							Top of Box 171		
		374.34	97				sandstone, light grey, medium grained to coarse grained, calcite veining, C.A. 80°		
						1228.5'/374.45			
40°		374.63	29				sandstone, as above		
		375.14	51				claystone, sandy and carbonaceous coal stringers and inclusion		
		375.28	14				sandstone, medium grey, with carbonaceous laminae and inclusions		
							Top of Box 172		
55°		375.46	18				sandstone, medium grained, with carbonaceous laminae		
						1232'/375.51			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7808 SHEET No: 80
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		376.98	152				sandstone, as above		
						1237'/377.04			
		377.27	29				siltstone, dark grey, sandy with plant fragments, carbonaceous laminae soft sediment deformation		
							Top of Box 173		
		378.12	85				siltstone, medium grey, interbanded, with fine grained, sandstone, coal bands plant fragments		
		378.42	30				sandstone, medium grained with carbonaceous laminae and coal inclusions		
20°		379.32	90				sandstone, medium grained to fine grained as above		
							Top of Box 174		
20°		379.89	57				sandstone, light grey, banded, minor claystone band		
						1247'/380.09			
		380.18	29				claystone, dark grey, with carbonaceous stringers and laminae, lystric surfaces, plant fragments		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7808 SHEET No: 81

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
50°		381.22	104				sandstone, coarse grained with carbonaceous layers and inclusions		
							Top of Box 175		
		381.40	18				sandstone, medium grained, as above		
		382.94	154				sandstone, coarse grained, with fine grained bands, coal inclusions		
						1257'/383.13			
		383.26	32				sandstone as above		
							Top of Box 176		
60°		383.91	65				sandstone as above		
						1260'/384.05			
		385.32	141				sandstone, as above with claystone interclasts		
							Top of Box 177		
		385.41	9				sandstone as above		
						1265'/385.57			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7808 SHEET No: 82
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
25°		386.60	119				sandstone as above		
						1269'/386.79			
		387.31	71				sandstone, as above		
							Top of Box 178		
50°		388.18	87				sandstone, light grey to medium grey		
						1274'/388.32			
		389.36	118				sandstone, fine grained, with coal inclusions, thin laminae		
							Top of Box 179		
		389.75	39				sandstone as above		
						1279'/389.84			
		390.36	61				as above		
		391.36	100				siltstone, dark grey, banded, plant fragments		
						1284'/391.36			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7808 SHEET No: 83
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 180		
	391.36	392.21	85				siltstone as above		
		392.70	49				claystone, dark grey with plant fragments, lystric surfaces, coaly bands, broken core		
						1289.5'/393.04			
40°		393.17	47				sandstone, fine grained, medium grey, banded		
							Top of Box 181		
		393.30	13				sandstone as above, medium grained		
35°		394.30	100				siltstone medium grey		
						1294.5'/394.56			
		395.19	89				siltstone as above		
							Top of Box 182		
		395.92	73				siltstone medium grey sandy		
						1300'/396.24			
40°		396.21	29				siltstone as above		
		397.01	80				claystone, very dark grey with lystric surfaces, coaly laminae		
		397.20	19				siltstone, dark grey		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7808 SHEET No: 84
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 183		
		397.45	25				siltstone, dark grey as above		
						1305'/397.76			
		398.41	96				claystone dark grey with coal bands and laminae, possible core loss		
	398.41	398.83	42				coal, C-3		
						1310'/399.29			
		399.31	48				claystone, dark grey with coaly bands and lystric surfaces		
							Top of Box 184		
		400.35	104				claystone dark grey		
						1315'/400.81			
		401.46	111				claystone as above dark grey		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7808 SHEET No: 85
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 185		
		401.82	36				claystone, dark grey, some carbonaceous fragments		
						1320'/402.34			
42°		402.09	27				as above		
	402.09	402.20	11				claystone loss		
	402.20	402.83	63	48			C-3		
	402.83	403.08	25	19			carbonaceous claystone, highly broken, coaly		
	403.08	403.20	12	9			claystone loss		
	403.20	403.50	30	23			C-3		
	403.50	403.58	8	6			C-2		
41°						1325'/403.86			
							Top of Box 186		
		403.57	9	7			C-1		
	403.57	403.80	23	17			C-3		
	403.80	404.84	104				claystone, silty toward base, parallel bedding		
		404.99	15				sandstone, very fine grained, silty interbedding at top		
						1330'/405.38			
		405.08	9				as above		
40°		405.58	50				silty claystone with carbonaceous laminations and fragments, regular parallel bedding		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7808 SHEET No: 86

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							Top of Box 187		
		406.37	79				claystone, dark grey with light grey silty bands, contains plant fragments		
		406.51	14				sandstone, light grey fine grained, silty with carbonaceous laminae		
						1335'/406.91			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7808 SHEET No: 87
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		406.80	29				sandstone as above		
		407.64	84				claystone, dark grey with silty bands		
							Top of Box 188		
42°		408.04	40				claystone as above		
						1340'/408.43			
		409.57	153				siltstone, medium grey to dark grey banded with sandstone and claystone, coaly laminae and stringers within claystone bands		
							Top of Box 189		
		409.71	14				claystone carbonaceous		
	409.71	410.10	39				coal, C-3		
		410.96	86				claystone, dark grey silty		
						1350'/411.48			
		411.21	25				claystone as above		
		411.59	38				siltstone, medium grey with claystone bands		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7808 SHEET No: 88
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 190		
44°		412.48	89				siltstone as above banded		
						1355'/413.00			
		413.03	55				siltstone, as above, dark grey		
		413.64	61				sandstone, light grey, very fine grianed, banded		
							Top of Box 191		
		414.03	39				sandstone, as above		
						1360'/414.53			
43°		415.61	158				sandstone,as above		
						1365'/416.05			
		415.73	12				sandstone as above		
							Top of Box 192		
		417.01	128				sandstone, as above		
						1370'/417.58			
		417.64	63				sandstone, as above		
		417.70	6				medium grey, siltstone with plant fragments		
							Top of Box 193		
44°		418.49	79				siltstone, dark grey with light grey sandstone bands, thin coal layers		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7808 SHEET No: 89
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
						1375'/419.10			
		419.20	71				siltstone with sandstone and claystone bands as above		
		419.59	39				siltstone medium grey with light grey bands, coaly inclusions and plant fragments, sandy at base		
							Top of Box 194		
		420.00	41				sandstone, medium grey and dark grey banded		
						1380'/420.62			
		420.21	21				claystone, dark grey with coaly stringers and bands		
		420.53	32				sandstone, light grey, fine grained with carbonaceous laminae and worm burrows		
		421.00	47				claystone, dark grey carbonaceous bands and laminae		
						1385'/422.15			
43°		421.53	53				sandstone, light grey, fine grained carbonaceous laminae		
							Top of Box 195		
		422.84	131				sandstone, fine grained with carbonaceous and silty laminae and bands		
38°		423.02	18				claystone, dark grey with plant fragments		
		423.58	56				sandstone, light grey, carbonaceous laminae, coaly inclusions		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7808 SHEET No: 90
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 196		
		423.91	33				sandstone, as above with coaly inclusions		
		424.01	10				siltstone, carbonaceous		
		424.27	26				coal, with lystric surfaces, sheared		
		424.40	13				claystone, carbonaceous with lystric surfaces sheared, ground		
						1395'/425.20			
36°		425.32	92				claystone, dark grey silty bands, laminae and inclusions and plant fragments		
		425.72	40				claystone, very dark grey with coaly laminae and inclusions		
							Top of Box 197		
		425.79	7				claystone, very dark grey as above		
						1400'/426.72			
	425.79	426.72	93				claystone loss		
		426.78	6				claystone, very dark grey as above		
32°		428.23	145				claystone dark grey with plant fragments, silty bands and coaly laminae and stringers		
						1405'/428.24			
		428.65	42				claystone as above		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7808 SHEET No: 91

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 198		
		429.53	88				claystone as above		
		429.76	23				siltstone, light grey, sandy banded		
						1410'/429.77			
		430.78	102				sandstone, light grey, fien grained, silty bands, wavey, carbonaceous laminae		
							Top of Box 199		
		431.25	57				sandstone as above		
						1415'/431.29			
38°		431.93	58				siltstone, brownish and light grey bended, with claystone interbeds minor carbonaceous inclusions		
		432.77	84				sandstone, light grey fine grained, calcite veins, C.A. 45°		
						1420'/432.82			
		432.93	16				claystone, dark grey silty irregular bedding, coaly inclusions		
							Top of Box 200		
		434.24	131				claystone, dark grey and light grey banded as above		
		434.37	13				sandstone, thin banded		
						1425'/434.34			
40°		434.99	62				sandstone as above with coaly inclusions and stringers		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7808 SHEET No: 92
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 201		
		435.16	17				claystone carbonaceous with coaly plant fragments		
		435.75	59				sandstone, medium grained, carbonaceous inclusions and laminae		
						1430'/435.86			
43°		436.88	113				sandstone, light grey, fine grained, with coaly laminae and inclusions minor claystone, banding, calcite veining, C.A. 60°		
							Top of Box 202		
		437.30	42				sandstone as above calcite veining		
						1435'/437.39			
		438.71	141				sandstone as above		
						1440'/438.91			
		438.80	9				sandstone as above		
							Top of Box 203		
		439.45	65				sandstone, very fine grained silty banded with carbonaceous laminae and coaly bands		
		440.26	81				sandstone, coarse grained, medium grey with coaly inclusions		
						1445'/440.44			
		440.52	26				sandstone, coarse grained as above		
42°		440.80	28				claystone, dark grey with silty bands		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7808 SHEET No: 93

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 204		
		441.77	97				claystone as above		
						1450'/441.96			
		442.36	59				claystone as above		
		442.90	54				sandstone, medium grained, light grey contains dark grey, silty claystone intraclasts		
							Top of Box 205		
		443.37	47				sandstone as above		
						1455'/443.48			
		444.86	149				sandstone, fine grained with carbonaceous laminae claystone bands and intraclasts		
						1460'/445.01			
		444.98	12				sandstone as above		
							Top of Box 206		
		446.45	147				sandstone, medium grained with claystone laminae and bands, dark grey silty intraclasts		
						1465'/446.53			
		447.18	73				sandstone, as above thin coal band at base		
		447.99	81				sandstone, dark grey and light grey banded		
						1470'/448.06			

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7808 SHEET No: 94
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 207		
		449.35	136				sandstone as above with intraclasts		
							Top of Box 208		
		449.53	18				sandstone as above		
48°		451.02	149				sandstone as above		
						1480'/451.10			
		451.44	42				siltstone, dark grey with light grey, sandstone bands		
							Top of Box 209		
		452.56	112				siltstone as above		
						1485'/452.63			
		453.53	97				siltstone, sandy thin banded as above		
		453.63	10				sandstone, light grey with intraclasts and thin silty laminae		
							Top of Box 210		
		454.12	49				sandstone, light grey with intraclasts		
						1490'/454.15			
54°		455.76	164				sandstone, light grey fine grained with carbonaceous laminae, parallel bedded		
						1495'/955.68			

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7808 SHEET No: 95
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 211		
		457.21	145				sandstone as above		
						1500'/457.20			
40°		457.94	73				silty claystone, dark grey, plant fragments with light grey sandstone bands		
							Top of Box 212		
		458.79	85				sandstone, light grey, fine grained, dark silty bands		
						1505'/458.72			
		460.01	122				sandstone as above		
							Top of Box 213		
		460.24	23				sandstone as above		
						1510'/460.25			
38°		461.86	162				sandstone as above		
						1515'/461.77			
		462.15	29				sandstone as above		
							Top of Box 214		
		463.28	113				sandstone, fine grained, light grey, irregular, silty clasts		
						1520'/463.30			
		463.35	7				sandstone, as above		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7808 SHEET No: 96

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
44°	463.35	463.71	36				conglomerate with pebbles and grit, cross-bedding		
		463.96	25				claystone, dark grey interbanded with light grey siltstone		
		464.21	25				sandstone, light grey laminae, fine grained		
		464.31	10				dark grey claystone		
							Top of Box 215		
		464.88	57				interbanded dark grey claystone and medium grey laminae siltstone		
						1525'/464.82			
42°		466.34	146				as above		
						1530'/466.34			
							Top of Box 216		
43°		467.85	151				as above lystric surfaces		
						1535'/467.87			
							END OF HOLE		

Form 7-

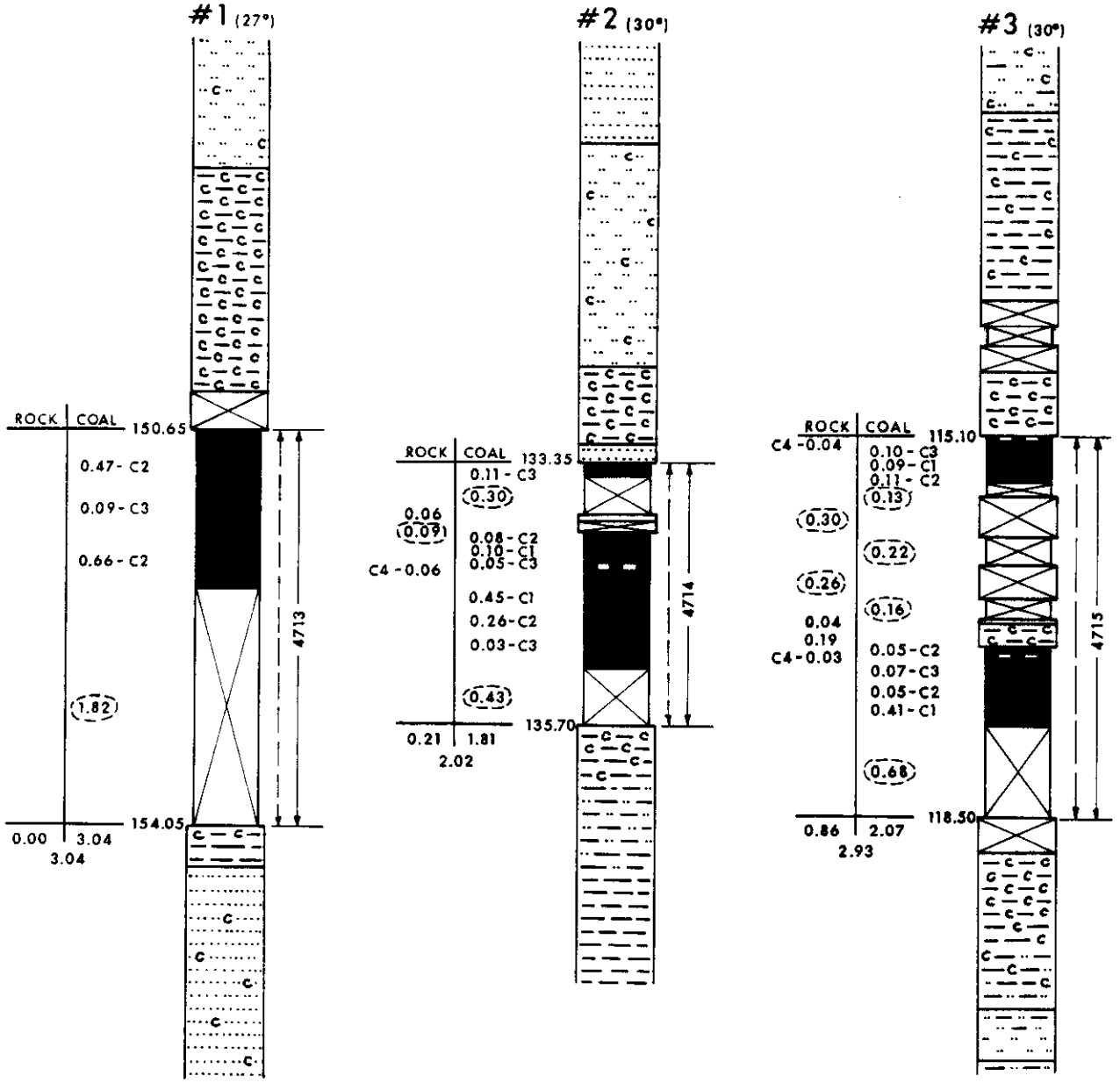
BELCOURT PROJECT

MINING SECTION SUMMARY

Hole No. BD 7809 Bearing 225° Angle 60° Total Depth 197.60 m

Coordinates 31650.68 N - 89771.14 E Collar Elevation 1782.76 m

Seam	Zone	Elevation (base)	Drilled Interval	True Thickness	Coal/Rock	Core Recovery%	Sample I.D.
1		1649.35	150.65 - 154.05	3.04	3.04/0.00	40.0	4713
2		1665.24	133.35 - 135.70	2.02	1.81/0.21	59.6	4714
3		1680.14	115.10 - 118.50	2.93	2.07/0.86	39.1	4715
4		1697.63	97.38 - 98.30	0.86	0.86/0.00	36.0	
5		1706.03	81.03 - 88.60	6.76	6.29/0.47	52.7	4716
	6	1758.10	27.80 - 28.48	0.61	0.61/0.00	100	
	6	1774.97	8.00 - 9.00	0.91	0.91/0.00	6.5	
				17.13			



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

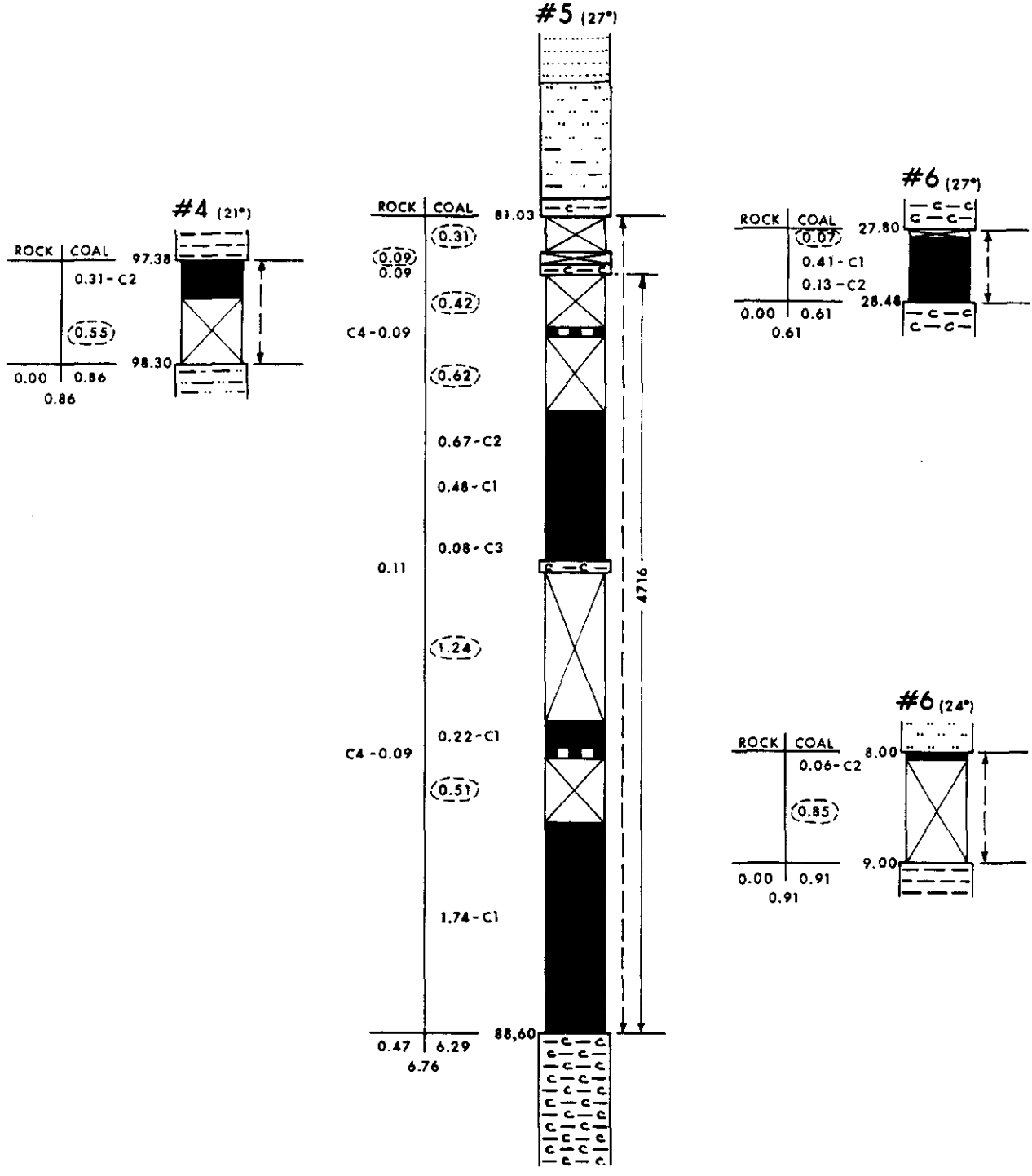
} BASED ON VISUAL ESTIMATES

- C4 COAL >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- MINING SECTION
- SAMPLE INTERVAL & NUMBER
- COMPOSITE SAMPLE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

BELCOURT
SEAM DETAILS
BD 7809

DRAWN BY: R.C.	DATE: FEB. 1979	SCALE: 1 : 50	
PREPARED BY: I.D.	DATE: " "	DRAWING NUMBER	
APPROVED BY: G.P.G	DATE: " "	DLCR 79-0827-RQ1	



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash
- BASED ON VISUAL ESTIMATES
- C4 COAL >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE
- MINING SECTION
- SAMPLE INTERVAL & NUMBER
- COMPOSITE SAMPLE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

BELCOURT
SEAM DETAILS
BD 7809

DRAWN BY: R.C.	DATE: FEB. 1979	SCALE: 1 : 50
PREPARED BY: I.D.	DATE: " "	DRAWING NUMBER
APPROVED BY: G.P.G	DATE: " "	DLCR 79-0822-R01

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7809 SHEET No: 1
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: 1782.76 TOTAL DEPTH: 197.60 M COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: D. Johnson/I. Delas CORE SIZE: HQ

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	0.00	4.37					Casing - Top of Box 1		
		4.45	8				Sandstone - fine grained, light brown (weathered) massive, peppery, calcareous		
		5.63	1 18				Siltstone - very dark grey, very fine grained sandstone, calcareous, laminae (less than 0.05 cm), minor calcite filled fractures, unit fractured with rusty weathered zones around fractures, sandstone increases towards base, minor coal lenses less than 2 mm. thick.		
						21/6.40			
		6.20	57				- as above, sandy towards top.		
							Top of Box 2		
		6.29	9				as above, broken		
						25/7.62			
	6.29	7.62	1 33				Siltstone - Missing		
	7.62	8.00	38				As above, some carbonaceous laminae up to 1 cm., broken		
24°	8.00	8.07	7				Coal - C2		
	8.07	9.00	93				Coal Missing		
						30/9.14			
	9.00	9.25	25				Claystone - Missing		
	9.25	10.21	96				claystone, black, carbonaceous, coaly claystone zone, 2 cm in centre, sheared and broken at top.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7809 SHEET No: 2

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
24°							possible minor fault, coal laminae up to 2 mm, calcite along fracture surface.		
						35/10.67			
		10.56	35				as above, rusty weathered inclusions, grades to siltstone below.		
		10.79	23				siltstone, dark grey, minor weathering along fracture, clayey.		
							Top of Box 3		
		11.71	92				as above, minor calcite filled fractures, calcareous. Bands up to 20 cm predominantly claystone.		
						41/12.50			
20°		12.36	65				as above, slightly carbonaceous. Minor coal lenses up to 2 mm. Very clayey.		
		12.39	3				Coaly Claystone - Broken (loss)		
		12.79	40				Claystone - silty		
		13.28	49				Claystone - missing		
		13.42	14				claystone, black, very carbonaceous, plant fragments, narrow coal laminae, core very broken. Core loss.		
						46/14.02			
	13.42	13.70	28				Coal Missing		
	13.70	13.77	7				Coal - C3 with C4 band		
		13.80	3				Coal - as above		
	13.80	14.63	83				Claystone very carbonaceous, silty towards base to dark grey, remains, carbonaceous, very broken, core loss, limonitic stains on fractures.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7809 SHEET No: 3

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
						51/15.54			
		15.03	40				As above silty in places with limonitic stains.		
		15.35	32				Claystone missing		
	15.35	15.42	7				Coal - C3 Broken at base		
	15.42	15.45	3				Coal Missing		
	15.45	15.52	12				Claystone very carbonaceous to coaly		
	15.52	15.77	20				Claystone missing		
	15.77	15.81	4				Coal C3 Broken		
	15.81	16.07	26				Coal Missing		
		16.41	34				Sandstone - medium grained, grey and peppery, massive to slightly laminated, carbonaceous, calcite filled fractures 0.5 cm thick.		
						57/17.37			
		16.58	17				as above		
							Top of Box 5		
		17.25	67				as above, becomes fine grained to very fine grained, grey to dark grey and more distinctly laminated, some claystone and siltstone laminae up to 0.5 cm.		
		17.68	43				Claystone very dark grey to black, carbonaceous, narrow coal laminae less than 0.5 mm, silty at top, fairly competent.		
						61/18.59			

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7809 SHEET No: 4
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		18.73	105				as above, coal lenses up to 0.5 cm.		
							Top of Box 6		
		19.20	47				as above, bottom 5 cm very coaly and completely broken.		
						66/20.12			
		20.50	130				as above, very carbonaceous in top 15 cm, silty in centre. Bottom half is very coaly and broken with coal zones up to 3 cm., coaly zones at bottom and 30 cm from bottom which are sheared and rusty.		
						71/21.64			
		21.03	53				Core missing rock		
		21.12	9				as above, competent		
							Top of Box 7		
		21.18	6				as above, grades to siltstone below		
23°		22.25	107				siltstone, very dark grey, laminae, interbeds with very fine sandstone and claystone, carbonaceous and calcareous at base. Some fine grained sandstone beds up to 3 cm thick. Becomes slightly more carbonaceous towards base with more coal lenses. Bedding is soft sediment deformed at base.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7809 SHEET No: 5
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		22.39	14				Claystone black, coaly, coal lenses up to 1 cm, Abundant laminae and lenses up to 1 mm, some shearing along coal laminae.		
						76/23.16			
		22.55	16				Core missing (coaly claystone)		
		22.98	43				as above, top 4 cm very coaly and broken, Core Loss.		
		23.22	24				siltstone, very dark grey, laminae, claystone laminae up to 2 mm, carbonaceous and not calcareous.		
							Top of Box 8		
		23.30	8				as above		
28°	23.30	23.91	61				Sandstone medium grained, grey, laminae, carbonaceous laminae, calcite filled fractures 0.5 cm, calcareous, cross bedded.		
						81/24.69			
		25.32	141				as above, rusty brown carbonaceous zone 19 cm from bottom.		
							Top of Box 9		
		25.43	11				as above		
						86/26.21			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7809 SHEET No: 6
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		26.88	145				as above, becomes fine to very fine grained at base.		
		27.06	18				Core Loss (Carbonaceous Claystone)		
		27.13	7				Claystone, black, carbonaceous		
						91/27.74			
		27.64	51				as above, becomes coaly and broken particularly at top where it is sheared and rusty, coaly laminae up to 3 mm.		
							Top of Box 10		
	27.64	27.80	16				Carbonaceous Claystone Broken thin coaly layers		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7809 SHEET No: 7
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	27.80	27.88	8	7			Coal Loss		
27	27.88	27.98	10	9			C1		
	27.98	28.12	14	13			C2	60/68	88
	28.12	28.48	36	32			C1		
						96/29.26			
		28.85	37				Claystone dark grey, partly carbonaceous with coal stringers		
		29.10	25				Silty Claystone with carhonaceous specks, siltier at base.		
		29.70	60				Sandstone silty interbedded very fine grained with carbonaceous laminae and some cross bedding visible.		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

7809 8

HOLE No: _____ SHEET No: _____

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 11		
		30.03	33				Siltstone interbedded with very fine to fine sandstone, dark grey, carbonaceous, very dark grey to black claystone, carbonaceous, interbeds range from 1 mm to 3 cm, finer towards base, coaly laminae and lenses up to 3 mm, contact between beds are gradational and soft sediment deformed, unit is calcareous becomes less carbonaceous towards base, minor calcite filled fractures.		
						101/30.78			
		31.54	151				as above		
						106/32.31			
		31.61	7				as above		
							Top of Box 12		
		33.06	145				as above		
						111/33.83			
		33.63	57				as above		

Form 71-0150 R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7809 SHEET No: 9
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 13		
24°		34.45	82				as above		
		34.58	13				Claystone very dark grey, gradational from above unit, silty, calcareous.		
						116/35.36			
		34.92	34				as above, silty, calcareous, carbonaceous.		
	34.92	35.65	73				as above, carbonaceous throughout, coaly claystone bands up to 2 cm, coal lenses up to 4 mm.		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7809 SHEET No: 10
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 14		
		35.83	18				Carbonaceous Claystone with coal inclusions		
		36.05	22				Core Missing (Coaly Claystone)		
						121/36.88			
		36.40	35				Coal (pulverized highly broken mixed with claystone, not possible to distinguish coal from rock)		
		36.95	55				Coaly Claystone missing		
		37.63	68				Carbonaceous Claystone with silty layers, regular bedded.		
						126/38.46			
		38.35	72				as above		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. Bd 7809 SHEET No: 11
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 15		
		39.15	80				Claystone silty, carbonaceous, calcareous, very dark grey, minor coaly lenses and stringers up to 1 mm.		
						131/39.93			
		40.43	128				as above, central 60 cm is not silty or calcareous and contains coaly lenses and stringers up to 0.5 cm, some shearing along coaly laminae.		
							Top of Box 16		
		40.68	25				as above, silty claystone, calcareous.		
						136/41.45			
		41.53	85				as above 27 cm from top of this interval is a 20 cm zone of coaly claystone, broken and sheared		
		41.71	18				Coaly Claystone lost		
		42.23	52				Siltstone dark grey, carbonaceous, calcareous, clayey, grades from above claystone		
						141/42.98			
		42.71	46				as above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7809 SHEET No: 12

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 17		
32°		43.74	103				as above, becomes interbedded with very fine sandstone and dark grey clayey bands up to 0.5 cm, bedding soft sediment deformed		
						146/44.50			
50°	43.74	44.89	115				Sandstone very fine, dark grey, silty, grades from siltstone above becomes fine sandstone at base with very minor clayey and silty laminae at the top. Siltstone laminae up to 1 cm. Several narrow calcite filled fractures parallel, (F.C.A. 45°) carbonaceous and calcareous, some carbonaceous laminae.		
							Top of Box 18		
		44.92	3				as above, very fine		
	44.80	45.26	34				Claystone silty, in places may be considered a clayey siltstone, very dark grey, carbonaceous and calcareous, coal lenses and laminae up to 2 mm.		
						151/46.02			
		46.73	147				as above, 30 cm from top a 20 cm coaly claystone zone, minor shearing along coal laminae, zone broken.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7809 SHEET No: 13
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 19		
		46.79	6			156/47.55	as above		
43°		48.31	152				as above top 23 cm very coaly, remainder is very silty (clayey siltstone), coaly zone is very pyritic.		
						161/49.07			
		48.70	39				as above, very silty		
							Top of Box 20		
29°		49.69	99				as above, top half very silty, remainder predominantly claystone, with coal lenses up to 4 mm.		
						166/50.60			
		50.75	106				as above, slightly silty and calcareous, coal lenses up to 1 cm and associated pyrite lenses up to 1cm (20 cm from base) bottom 20 cm slightly sheared		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7809 SHEET No: 14
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 21		
		50.96	21				Claystone very carbonaceous, calcareous, coal stringers up to 2 mm.		
		51.95	99				as above, coaly claystone, minor shearing along coaly laminae, very dark grey - black. At centre very coaly and broken, sheared, at base coal stringers up to 1 cm. Bottom half broken and sheared (Core Loss)		
		52.89	94				Core Lost (Coal, Claystone)		
						176/53.64			
41°		53.65	76				Siltstone very dark grey, carbonaceous, calcareous. Interbedded with very fine siltstone and sandstone, laminae less than 1 cm.		
							Top of Box 22		
		53.72	7				as above		
		54.43	71				Claystone carbonaceous and calcareous, competent, very dark grey.		
						181/55.17			
		55.25	82				as above, becomes silty towards base, coal stringers up to 1 mm. Very fine calcite fractures parallel to bedding, grades to siltstone at below.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7809 SHEET No: 15

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
34°		55.72	47				Siltstone dark grey, brownish, carbonaceous, very calcareous, minor shearing along coaly laminae, clayey throughout, some silty claystone bands up to 3 cm, fine calcite fractures parallel to bedding.		
							Top of Box 23		
		55.81	9				as above		
		55.95	14				Sandstone very fine to finegrained, interbedded with clayey siltstone bands up to 3 cm, dark grey, calcareous. Siltstone bands carbonaceous.		
						186/55.69			
		57.47	152				as above calcite fractures up to 0.5 cm, across bedding (irregular)		
						191/58.22			
		57.90	43				as above, very silty and clayey, slightly carbonaceous.		
							Top of Box 24		
33°		58.99	109				as above, predominantly fine grained sandstone. Still a few large irregular calcite filled fractures. A couple of minor sub parallel fractures of calcite, almost perpendicular to bedding. FCA 58°. Sandstone becomes very fine and clayey towards base.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7809 SHEET No: 16

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
						196/59.74			
		59.98	99				as above, very fine and clayey at top grading to fine sandstone		
							Top of Box 25		
		60.49	51				as above		
	60.49	60.52	3				Claystone very dark grey, not carbonaceous, calcareous, very fine sandstone bands up to 13 cm, silty in places.		
						201/61.26			
		62.05	153				as above		
							Top of Box 26		
						206/62.79			
		62.36	31				as above, grades to sandstone below		
							next several measurements :		
							Sandstone very fine to fine grained, interbedded occasionallywith claystone and siltstone particularily near top, grey to dark grey, minor carbonaceous material in clayey zones, minor shearing along coaly laminae, may also have calcite along sheared surfaces.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7809 SHEET No: 17
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	62.36	63.57	121				Sandstone		
33°		64.11	54				as above, minor sub parallel calcite fractures across bedding FCA 65°.		
							Top of Box 27		
		65.10	99				as above, slightly broken in places with minor shearing		
						216/65.84			
		66.16	106				as above		
							Top of Box 28		
		66.44	28				as above, silty		
						221/67.36			
		67.97	153			226/68.88	as above		
		68.23	26				as above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. Bd 7809 SHEET No: 18

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 29		
		69.50	127				as above		
						231/70.14			
30°		70.21	71				as above		
							Top of Box 30		
		71.03	82				as above		
						236/71.93			
		72.22	119				as above		
		72.36	14				Siltstone with very fine sandstone bands up to 2 cm, dark grey to very dark grey, calcareous.		
							Top of Box 31		
		72.58	22			241/73.46	as above, very sandy, very fine sandstone at base		
						246/74.98			
		74.11	153						

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7809 SHEET No: 19
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		74.39	28				as above		
							Top of Box 32		
		74.48	9				As above		
27°		74.99	51				Sandstone very fine to fine, irregular calcite filled fractures, grey		
		75.72	73				Siltstone dark grey, clayey zones up to 4 cm, calcareous, minor very fine sandstone laminae.		
						251/76.50			
		76.60	88				as above, coaly stringers, minor carbonaceous material		
							Top of Box 33		
35°		77.37	77				as above, more carbonaceous material, calcite along carbonaceous laminae, dark brownish grey		
						256/78.03			
36		78.58	121	98			as above		
						261/79.55			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7809 SHEET No: 20
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		78.62	4	3			as above		
		78.86	24	15			Sandstone very fine, dark grey, silty, slightly carbonaceous, calcareous		
							Top of Box 34		
		79.85	99	80			as above, becomes slightly coarser with fine sandstone bands up to 10 cm, slightly carbonaceous, grey. At base grades to siltstone.		
		80.24	39	32			Siltstone dark grey, brownish, carbonaceous		
						266/81.08			
		80.83	59	48			as above, clayey		
36°		80.95	12	10			Claystone light tan grey, slightly carbonaceous, not calcareous, kaolinitic(?)		
		81.03	8	6			Claystone very dark grey-black, coaly, sheared		
							Top of Box 35		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7809 SHEET No: 21

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	81.03	81.38	35	31		271	Coal Loss		
	81.38	81.48	10	9		/82.60	Claystone Loss		
	81.48	81.58	10	9			Carbonaceous Claystone with coal inclusions, highly broken		
	81.58	82.05	47	42			Coal Loss		
	82.05	82.15	10	9			C4		
	82.15	82.85	70	62			Coal Loss		
		83.25	40	36			C2 highly broken		
		83.36	11	10			C1		
27°		83.51	15	13			C2		
		83.94	43	38			C1		
		83.98	4	4	9/74		C3		
						276/84.12			
		84.18	20	18			C2		
		84.23	5	4			C3		
	84.23	84.35	12	11			Carbonaceous Claystone		
	84.35	85.74	139	124			Coal Loss		
	85.74	85.87	13	12			C1 - highly broken, pulverized		

DENISON MINES LIMITED (COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7809 SHEET No: 22

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 36		
	85.87	85.98	11	10			C1 as above		
						281/85.65			
	85.98	86.08	10	9			C4		
	86.08	86.65	57	51			Coal Loss		
		87.05	40	36	47/6		C1		
						286/87.17			
		87.95	90	80			C1		
						291/88.70			
		88.32	37	33			C1 as above		
							Top of Box 37		
		88.60	28	25			C1		
						296/90.22			
		89.18	58	52			Carbonaceous Claystone Partly sheared with specks of limonite		
						299/91.14			
		89.46	28	26			as above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7809 SHEET No: 23

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Box 37 cont'd		
						301/91.74			
		89.79	33	31			Claystone carbonaceous, silty bands towards base		
18		91.47	168	160			Coal Missing (C4)		
	91.47	91.81	34	32			Sandstone silty, very fine grained with carbonaceous fragments and coaly specks, more silty towards top.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7809 SHEET No: 24

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 38		
18°		92.72	91				Sandstone very fine, dark grey, silty with claystone laminae up to 0.5 cm, minor coaly laminae, slightly sheared		
						306/93.27			
20°		94.08	136				as above, less silty, 30 cm fine sandstone band 22 cm from bottom.		
							Top of Box 39		
		95.66	158				as above, silty throughout, minor coal lenses and minor calcite filled fractures.		
						316/96.32			
14°	95.66	96.30	64				Claystone very carbonaceous, only slightly calcareous, coal laminae up to 1 mm, sheared		
							Top of Box 40		
		97.15	85				as above		
						321/97.84			
		97.30	15				as above		
		97.38	8				Claystone lost		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7809 SHEET No: 25
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	97.38	97.71	33	33			C-2, vitrain bands up to 1 cm, core is broken		
21°		98.30	59	59			coal missing		
		98.69	39				siltstone, very clayey at top, slightly carbonaceous, very dark grey		
						326'/99.36			
		99.03	34				as above, clayey siltstone		
							Top of Box 41		
25°		99.41	38				siltstone, sandy, grades to sandstone below		
	99.41	100.20	79				sandstone, fine grained, fine silty bands up to 6 cm, grey to light grey, carbonaceous and silty bands, minor coaly stringers, laminae and almost massive where it becomes light grey, calcareous		
						331'/100.89			
		101.11	91				as above		
							Top of Box 42		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7809 SHEET No: 26
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 42		
		101.78	67				as above		
						336'/102.41			
		103.21	143				as above, a 4 cm calcite vein in centre, very coarsely crystalline		
							Top of Box 43		
		103.52	31				as above, grades to a very fine sandstone		
	103.52	103.92	40				claystone, very silty at top and competent, very broken at bottom, very dark grey carbonaceous, sheared, coal stringers up to 2 mm.		
		104.78	86				siltstone, dark grey, slightly carbonaceous, very fine grained sandstone bands up to 0.5 cm, clayey, laminae less than 0.5 cm, bioturbation and soft sediment deformation, minor coal lenses and stringers less than 2 mm, irregular calcite fractures, calcareous		
						346'/105.46			
27°		105.35	57				as above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7809 SHEET No: 27

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 44		
		106.33	98				as above		
						351'/106.98			
		106.54	21				as above		
		107.43	89				claystone, very dark grey, carbonaceous, calcareous, silty, grades from siltstone above, coal band 1.5 cm, 23 cm from base		
							Top of Box 45		
		107.68	25				as above		
	107.68	107.91	23				sandstone, very fine grained, carbonaceous, calcareous, broken (core loss), calcite filled fracture		
						356'/108.51			
24°		108.74	83				as above, calcite fracture up to 0.5 cm and subparallel, cut across bedding (F.C.A. 70°)		
10°		109.36	62				claystone, very dark grey, calcareous, slightly carbonaceous, some fine clacite stringers parallel to laminae, silty in places		
						361'/110.03			
		109.50	14				as above		
							Top of Box 46		
10°		110.90	140				as above, very silty in places		
						366'/111.56			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7809 SHEET No: 28
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		110.95	5				as above, very silty, transition to siltstone below		
15°		111.69	74				siltstone, dark grey, with very fine grained sandstone bands up to 3 cm, very clayey in places, carbonaceous calcareous, minor calcite filled fractures		
							Top of Box 47		
27°		111.88	19	17			as above, very clayey		
		112.44	56	50			claystone, very dark grey, carbonaceous, calcareous in silty areas, coal laminations up to 2 mm, a couple of irregular calcite fractures. slightly broken in places, slickensides (occ) across bedding		
						371'/113.08			
47°		113.84	140	95			as above, very broken at bottom (core loss)		
		114.10	26	18			claystone missing		
	114.10	114.30	20	14			coal missing		
30	114.30	114.55	25	22			claystone missing		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7809 SHEET No: 29
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
						376'/114.60	Top of Box 48		
	114.55	115.10	55	48			carbonaceous claystone, highly broken		
	115.10	115.15	5	4			C-4		
		115.27	12	10			C-3		
		115.37	10	9			C-1		
						381'/116.13			
30°		115.50	13	11	4715		C-2, highly broken		
		115.65	15	13			coal loss		
		116.00	35	30			claystone loss		
		116.25	25	22			coal loss		
		116.55	30	26			claystone loss		
		116.73	18	16			coal loss		
		116.78	5	4			claystone loss		
		117.00	22	19			carbonaceous claystone with sandy bands, broken		
	117.00	117.06	6	5			C-2, broken		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7809 SHEET No: 30
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 49		
	117.06	117.10	4	3			C-4		
		117.18	8	7			C-3		
		117.24	6	5			C-2		
		117.71	47	41			C-1		
		118.50	79	68			coal loss		
						391'/119.18			
	118.50	118.80	30	27			claystone missing		
		118.96	16	14			carbonaceous claystone, broken with coaly inclusions		
						393'/119.48			
26°		119.77	81	73			as above with some silty bands at base		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7809 SHEET No: 31

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							Top of Box 50		
26		119.86	9	8			claystone, very dark grey, carbonaceous, lystric coaly laminae, silty		
						396'/120.70			
12		120.07	21	21			as above, coal laminae up to 0.5 cm		
12^0		120.46	39	38			siltstone, gradation from above, calyey		
17		121.34	88	84			claystone, silty as before, gradation above and below		
21^0		121.42	8				siltstone, dark grey, calcareous, some very fine grained sandstone laminae up to 1 cm, minor clayey laminae, minor carbonaceous material		
						401'/122.22			
		121.85	43				as above		
							Top of Box 51		
		123.01	116				as above		
						406'/123.75			
26^0		123.94	93				as above		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7809 SHEET No: 32

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 52		
		124.17	23				as above		
		124.74	57				sandstone, very fine grained, dark grey, carbonaceous calcareous, silty, gradation of above		
						411'/125.27			
27°		126.19	145				as above, a few coal lenses and stringers up to 2 mm		
							Top of Box 53		
		126.32	13				as above		
						416'/126.80			
		127.82	150				as above, sandstone becomes fine grained and is not silty, silty zone ends 43 cm from top		
						421'/128.32			
		128.18	36				as above		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7809 SHEET No: 33
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 54		
		129.34	116	100			as above, fine grained sandstone		
						426'/129.84			
		130.35	101	87			as above, becomes fine and silty		
							Top of Box 55		
		130.53	18	16			as above, silty, very fine grained sandstone		
30°		130.88	35	30			siltstone, slightly carbonaceous, calcareous, very dark grey, grades from above, clayey		
						431'/131.37			
		132.39	151	130			as above, progressively becomes more clayey with claystone		
						436/132.89	bands up to 2 cm, more carbonaceous with carbonaceous laminae and lenses up to 2mm.		
		132.52	13	11			as above		
							Top of Box 56		
		133.19	67	≤8			carbonaceous claystone, with some thin coal layers		
		133.35	16	14			sandstone, fine grained, light grey, uniformed		
	133.35	133.48	13	11			C-3		
	133.48	133.83	35	30			coal loss		
	133.83	133.90	7	6			coaly claystone		
30°	133.90	134.00	10	9			claystone loss		
	134.00	134.09	9	8			C-2		
	134.09	134.21	12	10			C-1		
						441'/134.42			

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7809 SHEET No: 34
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	134.21	134.27	6	5			C-3		
		134.34	7	6			C-4		
		134.54	20	17			C-1		
		134.58	4	3	74		C-3		
30°		134.66	8	7	75		C-1		
		134.96	30	26	76		C-2		
							Top of Box 57		
		135.20	24	21			C-1		
	135.20	135.70	50	43			coal loss		
						446'/135.94			
	135.70	135.90	20	17			carbonaceous claystone, broken		
	135.90	136.72	82	74			silty claystone, with come carbonaceous fragments towards top		
						451'/137.46			
25°	136.72	137.41	69	62			claystone, dark grey, massive, with few sandy laminae at base and some carbonaceous fragments, regular parallel bedding		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7809 SHEET No: 35

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 58		
30°		137.97	56	48			sandstone, very fine grained with sandstone bands, silty, grades to sandstone below and should be considered part of the same unit		
		138.22	25				sandstone, fine grained, dark grey, laminated and occasionally massive, minor carbonaceous laminae		
						456'/138.99			
30°		139.54	132				as above, becomes medium grained, distinctly laminated		
							Top of Box 54		
		139.73	19				as above		
						461'/140.51			
		141.23	150				as above		
						466'/142.04			
		141.65	42				as above		
							Top of Box 60		
		142.82	117				as above, becomes fine grained and silty towards base, calcite filled fractures, parallel to bedding		
						471'/143.56			

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7809 SHEET No: 36
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		142.90	8				as above		
31°		143.82	92				siltstone, very dark grey, minor carbonaceous laminae, very fine sandstone and siltstone laminae less than 1 mm, grades from above		
							Top of Box 61		
		144.35	53				as above, becomes clayey, only minor sandstone		
						476'/145.08			
		145.85	150				as above, becomes clayey, siltstone at base		
						481'/146.61			
		146.07	22				as above, clayey siltstone		
							Top of Box 62		
		147.12	105				as above		
						486'/148.13			
		148.17	105				as above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7809 SHEET No: 37
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 63		
26°		148.33	16	14			as above, very clayey		
		148.73	40	35			claystone, very dark grey, silty, carbonaceous, not calcareous, carbonaceous laminae, less than 1mm		
						491'/149.66			
		149.34	61	53			as above, less silty, coaly stringers up to 2 mm, shearing along coaly laminae, calcite along sheared surface		
						493'/150.27			
		149.90	56	48			as above, becomes very carbonaceous, with coal bands up to 1 cm, sheared in coaly zone (top of interval)		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7809 SHEET No: 38
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 64		
		150.30	40	35			carbonaceous claystone, broken with coaly stringers		
		150.65	35	30			claystone missing		
						496'/151.18			
	150.65	150.85	20	18			C-2, broken		
						501'/152.70			
		151.17	32	29			C-2, as above partly sheared		
		151.27	10	9			C-3		
		151.75	48	43			C-2		
		151.84	9	8			C-2, as before		
		152.01	17	15			C-2, broken sheared		
	152.01	154.05	204	182			Coal loss		
							Top of Box 65		
		154.10	5	4			carbonaceous claystone, highly broken		
		154.40	30	27			claystone, very dark grey, with carbonaceous fragments		
27°		154.94	54	48			sandstone, medium grey, fine grained with carbonaceous laminae, regular bedding		
						511'/155.75			
		156.12	118	105			sandstone, salt and pepper uniformed, massive, fine to medium grained		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7809 SHEET No: 39
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 66		
27°		156.56	44				sandstone, fine grained, dark grey, minor carbonaceous laminae, not calcareous, not distinctly laminated, almost massive in places, minor calcite fractures, perpendicular to bedding		
						516'/157.28			
		158.10	154				as above, medium grained in places		
						521'/158.80			
		158.20	10				as above		
							Top of Box 67		
		159.64	144				as above, becomes medium grey in colour, mottled appearance in bottom half		
						526'/160.32			
28°		160.41	77				sandstone, very fine, dark grey, silty, distinctly laminated, calcareous, some soft sediment deformation, carbonaceous		
							Top of Box 68		
		161.19	78				as above, shearing along carbonaceous laminae at bottom		
						531'/161.85			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7809 SHEET No: 40
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		161.50	31				as above, shearing along carbonaceous laminae		
28°	161.50	161.87	44				coal missing		
	161.87	162.72	85				sandstone, fine grained, dark grey, carbonaceous, almost, massive, very indistinct laminae, not calcareous		
						536'/163.37			
		162.94	22				as above		
							Top of Box 69		
						537'/163.68			
		163.00	6				as above		
28°		164.22	122				sandstone, similar to above, except that it is calcareous, laminated and cross-bedded		
						541'/164.90			
		165.05	83				as above		
							Top of Box 70		
		165.75	70				as above		
						546'/166.42			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7809 SHEET No: 41
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		167.22	147				as above, bottom 20 cm broken (Core Loss)		
							Top of Box 71		
						551/167.94			
		168.79	157				as above		
						556/169.47			
		169.37	58				as above		
							Top of Box 72		
		170.32	95				as above		
						561/170.99			
		171.57	125				as above		
							Top of Box 73		
		171.92	35				as above		
						562/171.30			
		173.42	150				as above		
						571/174.04			
19°		173.79	37				as above, becomes coarse grained and less calcareous		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7809 SHEET No: 42

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 74		
		174.95	116				as above, claystone bands up to 2 cm at base.		
						576/175.56			
		175.99	104				as above, 3 cm claystone band at top		
							Top of Box 75		
		176.44	45				as above, very coarse grained with shearing along coaly laminae		
						581/177.09			
20°		177.99	154				as above, medium grained sandstone, grey, slightly laminated, calcareous		
						586/178.61			
		178.11	13				as above		
							Top of Box 76		
		179.55	144				as above, becomes more massive, less distinctly laminated, calcareous		
						591/180.14			
		180.34	79				as above		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7809 SHEET No: 43
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 77		
		181.07	73			596'/181.66	as above		
		182.40	133				as above		
							Top of Box 78		
		182.60	20				as above		
						601/183.18			
14°		184.17	157				as above, becomes fine grained		
						606/184.71			
		184.47	30				as above		
							Top of Box 79		
9°		186.60	213				as above		
							Top of Box 80		
		187.02	42				as above		
						616/187.76			
23°		188.68	161				as above		
						621/189.28			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7809 SHEET No: 44
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 81		
		190.11	148				as above, fine grained sandstone, grey, massive in places, laminated, cross bedded		
						626/190.80			
		190.63	52				as above		
							Top of Box 82		
21°		191.64	101				as above		
						631/192.33			
		192.67	103				as above		
							Top of Box 83		
		193.09	103				as above		
						636/193.85			
		194.58	149				as above, claystone bands up to 1.5 cm in bottom 20 cm.		
						641/195.38			
		194.78	20				as above top 10 cm silty claystone		
							Top of Box 84		
		196.10	132				as above, top 80 cm interbedded with claystone		
						646/196.90			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7809 SHEET No: 45
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
19°		196.82	72				as above, fine grained sandstone		
							Top of Box 85		
		197.60	78				as above		
						651/198.42			
							END OF HOLE 7809		

Form 71-0150-R04

BELCOURT PROJECT

MINING SECTION SUMMARY

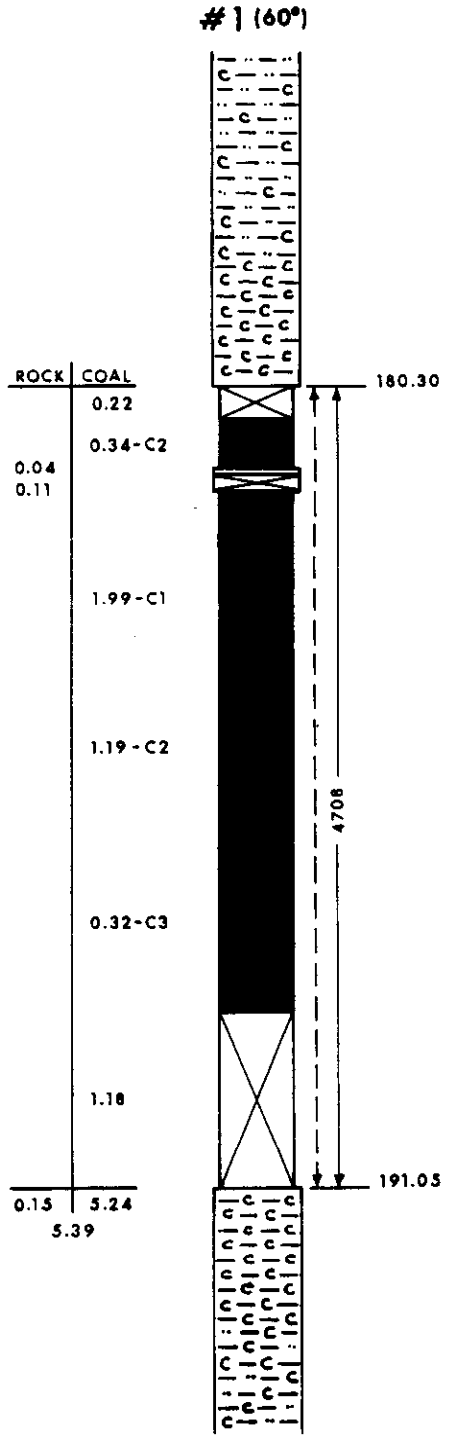
Hole No. BD 7810 Bearing 210° Angle 60° Total Depth 516.10 m

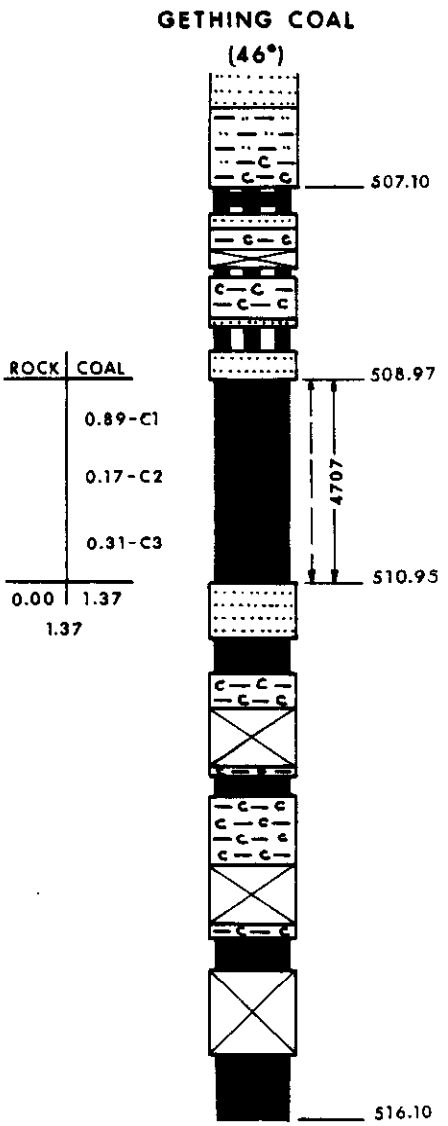
Coordinates 54521.46 N - 63480.64 E Collar Elevation 1459.01 m

Seam	Zone	Elevation (base)	Drilled Interval	True Thickness	Coal/Rock	Core Recovery%	Sample I.D.
1		1293.56	180.30 - 191.05	5.39	5.24/0.15	72.0	4708
2		1346.64	122.00 - 129.75	3.29	3.29/0.00	96.0	4712
3		1357.69	111.25 - 117.00	3.37	3.24/0.13	59.1	4710
3		1363.92	108.69 - 109.80	0.65	0.54/0.11	100	(4709)*
	**	1051.48	508.97 - 510.95	1.37	1.37/0.00	100	4707
				14.07			

* Sampled interval is greater than the mining section interval

** Gething Coal





LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

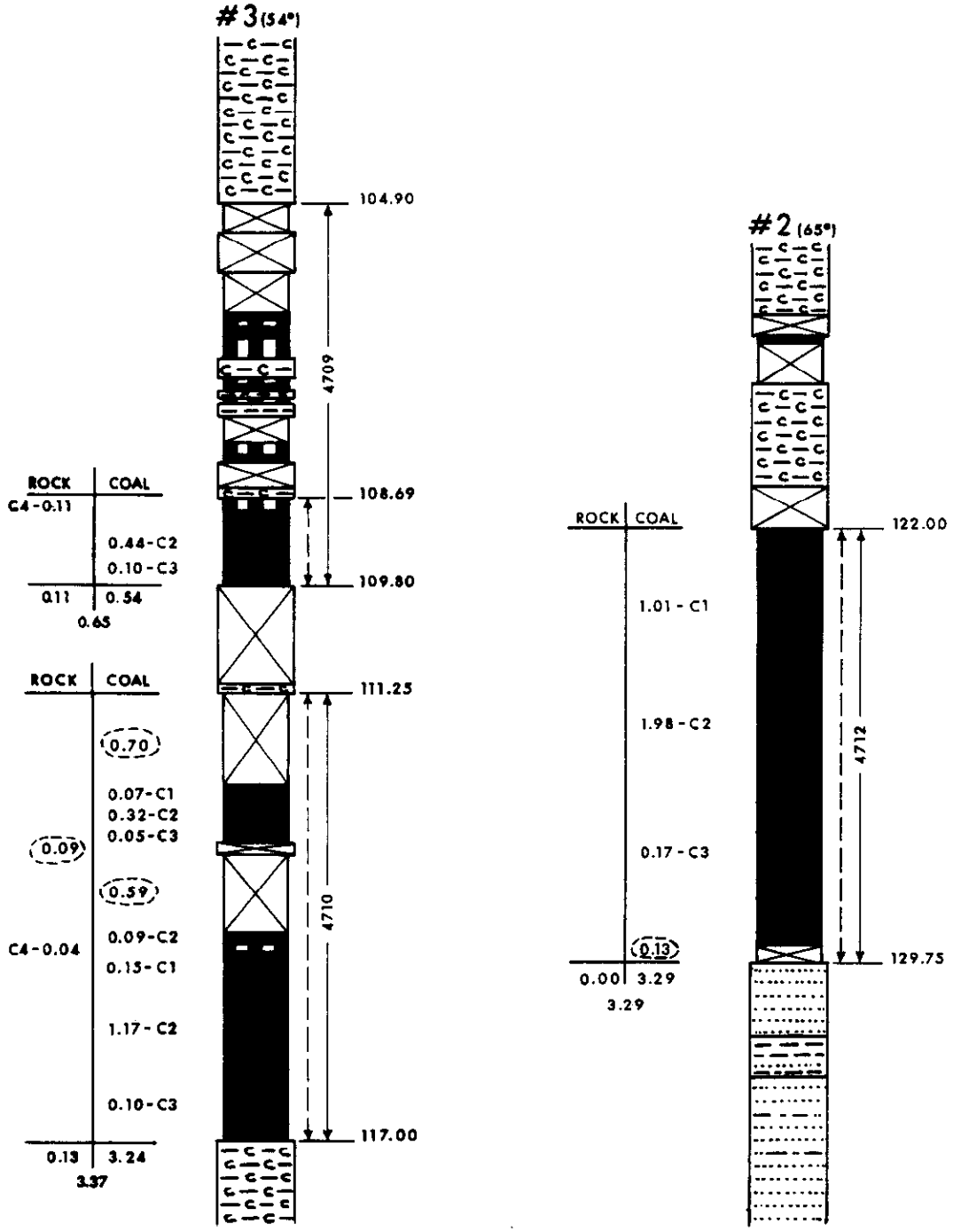
} BASED ON VISUAL ESTIMATES

- C4 COAL >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- MINING SECTION
- SAMPLE INTERVAL & NUMBER
- COMPOSITE SAMPLE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

BELCOURT
SEAM DETAILS
BD 7810

DRAWN BY: R.C.	DATE: FEB. 1979	SCALE: 1 : 50
PREPARED BY: I.D.	DATE: " "	DRAWING NUMBER
APPROVED BY: G.P.G.	DATE: " "	BLCR 79-0827-R01



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

} BASED ON VISUAL ESTIMATES

- C4 COAL >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE
- MINING SECTION
- SAMPLE INTERVAL & NUMBER
- COMPOSITE SAMPLE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

BELCOURT

SEAM DETAILS
BD 7810

DRAWN BY: R.C.	DATE: FEB. 1979	SCALE: 1 : 50
PREPARED BY: I.D.	DATE: " "	DRAWING NUMBER
APPROVED BY: G.P.G.	DATE: " "	BLCR 79-0827-R01

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7810 SHEET No: 1
DATE BEGUN: Oct/9/1978 DEPTH: BEARING: 210°
DATE FINISHED: Oct. 11/1978 ELEV. COLLAR: 1459.01M TOTAL DEPTH: 516.10M COAL LICENSE:
LAT.: Acadia HOLE ANGLE: 60° LOGGED BY: I.Delas, F.Gigliotti CORE SIZE: HQ, NQ

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	0.00						TOP OF BOX 1		
							CAVE		
						3'/9.45			
							CAVE, Inclusion 25 CM medium grained sandstone		
						35'/10.67			
							TRICONE, no core		
						42'/12.80			
30°	12.50	13.00	50				SANDSTONE, medium grained light grey, thinly laminated salt and pepper color		
						45'/13.72			
		13.13	13				SANDSTONE cave		
							TOP OF BOX 2		
		14.16	103				SANDSTONE, Cave		
		15.26	110				SANDSTONE, fine to medium grained, light grey, occasional carbonaceous		
		15.33	7				partings massive		
		15.84	51				SANDSTONE, medium grained, salt and pepper colouring, thinly laminated, cross laminated, tops upright		
						53'/16.15			
		15.98	14				As above		
							TOP OF BOX 3		
		16.52	54				As above		
		16.68	16			55'/16.76			
							As above		

Form 71 0150 R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7810 SHEET No: 2
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							BOX 3 cont'd		
		17.28	60				As above		
						57'/17.37			
		18.03	75				As above (some broken core)		
							TOP OF BOX 4		
		18.71	68				As above		
		18.83	12				As above		
		19.26	43				SANDSTONE, fine to medium grained, light grey, thinly laminated, abundant carbonaceous parting and fragments, silty fragments, occasional calcite filled fractures, entire core broken. Possible loss		
					19.81	65			
		19.89	63				As above		
					20.73	68			
		19.99	10				As above		
							TOP OF BOX 5		
		20.11	12				Sandstone, missing		
		22.14	203				SANDSTONE, medium, coarse grained, light grey, thinly laminated, salt & pepper in color, some finer grain maybe in middle, some carbonaceous partings and fragments, minor calcite fill fractures, some broken core near top.		
					23.16	76			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7810 SHEET No: 3
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 6		
		24.36	222				As above		
							TOP OF BOX 7		
		25.19	83				As above		
						86'/26.21			
							TOP OF BOX 8		
		26.55	136				As above		
		28.33	178			96'/29.26			
							As above		
							TOP OF BOX 9		
		28.80	47				As above		
		30.23	143				As above		
48°		30.85	62				CONGLOMERATE, small pebble predominently chert, some argillaceous material, coarse sand matrix, occasional carbonaceous partings and fragments.		
		31.03	18				SANDSTONE, fine, medium grained, light grey, thinly laminated, occasional carbonaceous partings, core somewhat broken, possible small loss, cross laminated with tops up.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7810 SHEET No: 4
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 10		
		31.31	28			106'/32.31			
		33.16	185						
							TOP OF BOX 11		
		34.04	88			115.6'/35.23			
		35.32	128						
							TOP OF BOX 12		
		36.08	76				As above		
		36.89	81				SANDSTONE missing		
		37.48	59				SANDSTONE, medium grained to grit, some small pebbles near bottom, finer material, thinly laminated core broken near top, abundant carbonaceous partings near top.		
						124.5'/37.95			
		38.09	61						
		40.23	214				TOP OF BOX 13		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7810 SHEET No: 5
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 14		
		40.51	28			134.5'/41.00			
		41.32	81						
32°		42.38	106				SANDSTONE, fine to medium grained, light grey, thinly laminated carbonaceous partings		
							TOP OF BOX 15		
		43.55	117						
					44.20	145			
56°		44.41	86						
							TOP OF BOX 16		
		45.87	146						
							SANDSTONE, coarse grained to pebble conglomerate (bottom half) chert pebble conglomerate, sandstone, thinly laminated, salt and pepper colour, frequent coal partings and fragments.		
							TOP OF BOX 17		
		46.62	75						
					47.24	155			
		48.77	215						

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7810 SHEET No: 6
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 18		
		49.04	27						
65°		49.42	38				SANDSTONE, fine grained, medium grey, thinly laminated siltstone, inter laminated, sheared claystone bedding surface broken at base, some carbonaceous material at base		
		49.98	56				Conglomerate sandstone, sandstone is medium to coarse grained, light to medium grey, thinly laminated, conglomerate interbeds up to 35CM composed of sub angular chert pebbles and abundant carbonaceous partings and fragments, sandstone also has carbonaceous partings and fragments, occasional steep (40°) calcite filled fractures, core somewhat broken throughout, possible small loss.		
					50.29	165			
		50.86	88						
							TOP OF BOX 19		
		52.74	188						
					53.34	175			
		52.88	14						

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DENISON MINES LIMITED (COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7810 SHEET No: 7

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 20		
		52.99	11				(from box 20 to 29)		
	52.99	74.66	2167				SANDSTONE/SILTSTONE, very fine to medium grained, medium to grey, thinly laminated interbedded with medium to dark grey siltstone, siltstone, siltstone interbeds up to plus or minus 5CM, some evidence of soft sediment deformation, frequently sheared bedding surfaces with minor calcite, rip up clasts and some sediment deformation. Suggest bioturbation (a few worm burrows are evident) F.C.A. near bottom 65°		
							TOP OF BOX 30		
	74.66	74.86	20				(from box 30 to 32)		
55°		76.81	195				SANDSTONE/SILTSTONE, fine grained, light to medium grey sandstone, thinly laminated. Contains ripple drift laminated tops up, siltstone interbeds up to 20 CM some soft sediment definition, worm burrows, small scale rip up clasts, occasional calcite fractures (F.C.A. 43°) some claystone interbeds up to 15 CM thick, occasional shearing on bedding surfaces.		
	76.81	81.05	424						
							TOP OF BOX 33		
		81.31	26			270'/82.30			
		81.74	43				(from box 33 to 36)		
							SANDSTONE, fine grained, light to medium grey, thinly laminated, cross laminated tops up, claystone interbeds up to 3 CM thick, minor calcite filled fracturing (F.C.A. near bottom of unit 75°)		
	81.74	89.49	775						

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7810 SHEET No: 8
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 37		
		89.86	37	22			(From box 37 to 44)		
54°		91.76	190	112			CLAYSTONE, dark grey, very well indorated, silty interbeds throughout up to 3CM thick, abundant carbonaceous partings and fragments near bottom sheared bedding. Surfaces near bottom some broken core with possible loss mottled colouration indicates possible bioturbation.		
	104.68	104.90	22	13			CLAYSTONE, carbonaceous, bright coal partings		
	104.90	105.25	35	21			coal loss		
	105.25	105.80	55	32			claystone, loss		
						350'/106.68			
	105.80	106.31	51	30			coal loss		
	106.31	106.46	15	9			C-3		
	106.46	106.49	3	2			C-4		
	106.49	106.64	15	9			C-3		
↑ 54°	106.64	106.92	28	16			C-4 few claystone bands, some brite stringers and layers at top.		
	106.92	106.97	5	3			coaly claystone, highly broken.		
↓									
	106.97	107.05	8	5			coal and claystone, highly broken, pulverized, mixed		
						353.5'/107.75			
					4709				
	107.05	107.18	13	8			claystone, coaly as before		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7810 SHEET No: 9

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		107.23	5	3			C-4		
		107.33	10	6			C-1 specs of CaCO3		
	107.33	107.46	13	8			claystone - coaly		
	107.46	107.48	2	1			C-4		
	107.48	107.64	16	9			Claystone		
	107.64	107.99	35	21			Coal loss (c-4)		
	107.99	108.14	15	9			C-4		
							TOP OF BOX 45		
54°	108.14	108.25	11	6			C-3, highly broken		
	108.25	108.56	31	18		358'/109.12	Claystone loss		
	108.56	108.69	13	8			Carbonaceous claystone		
	108.69	108.88	19	11			C-4		
		109.63	75	44			C-2		
						362'/110.34			
		109.80	17	10			C-3		
	109.80	111.09	129	76			Claystone loss		
	111.09	111.25	16	9			Carbonaceous claystone		
	111.25	112.44	119	70			Coal loss		
	112.44	112.46	2	1			C-3		
		112.48	2	1	4710		C-3		
		112.64	16	9			C-2 highly broken, partly sheared.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7810 SHEET No: 10

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 46		
	112.64	112.86	22	13			C-2		
		112.91	5	3			C-3		
		113.03	12	7			C-1		
		113.20	17	10			Coal - 2 highly broken (fragments of claystone mixed)		
	113.20	113.35	15	9		372'/113.39	Claystone loss		
	113.35	114.35	100	59			Coal loss		
	114.35	114.51	16	9			C-2		
↑		114.58	7	4	4770		C-4		
54		114.95	37	22			C-2		
↓		115.05	10	6			C-2		
		115.08	3	2			C-3		
		115.28	20	12			C-2		
		115.43	15	9			C-2 pulverized		
		115.54	11	6		379'/115.52	C-1		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7810 SHEET No: 11
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 47		
	115.54	115.68	14	8			C-2		
		115.82	14	8			C-3		
54°		116.67	85	50			C-2	540'/1219	53
		116.83	16	9			C-1		
		116.88	5	3			C-2		
						385'/117.35			
	116.88	117.00	12	7			C-2 broken at base		
	117.00	117.25	25	14			Claystone, carbonaceous, listric surfaces, broken at top.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7810 SHEET No: 12
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 48		
	117.25	117.51	26	15					
55°		117.74	23	13			Carbonaceous claystone, dark grey, relatively well insulated, abundant plant fragments, shearing. Near bottom (S.C.A.55°) broken first 26CM, powdered		
						389.6'/118.75			
		118.72	98	56			As above		
	118.72	119.00	28	16			Claystone loss		
	119.00	119.11	11	6			Coal, C-1, broken, powdered		
	119.11	119.65	54	31	4711	394.5'/120.24	COAL Loss		
55°	119.65	120.09	44	25			Claystone as before		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7810 SHEET No: 13
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 49		
	120.09	102.76	67	29			Claystone, dark grey, silty bands, partly carbonaceous		
64°		121.26	50	22			Claystone, carbonaceous, broken with coal inclusions.		
	121.26	122.00	74	32	*	402'/122.53	CLAYSTONE loss		
	122.00	122.67	67	28			C-2		
						404.6'/123.32			
		122.79	12	5			C-2		
							TOP OF BOX 50		
		122.99	20	8			C-2		
		123.31	32	14			C-1		
↑		123.44	13	5			C-2		
65°		123.67	23	10			C-1, pulverized		
↓		123.78	11	5			C-2		
		124.06	28	12			C-1		
						410'/124.97			
		124.48	42	18			C-2		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7810 SHEET No: 14
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 51		
		125.68	120	51			C-2		
						415'/126.49			
		126.10	42	18			C-2		
		126.35	25	11			C-1		
							TOP OF BOX 52		
		127.03	68	29			C-2		
↑									
		127.12	9	4			C-3		
65°		127.29	17	7			C-1	744/775	96
↓		127.59	30	13			C-3		
		127.67	8	3	4772		C-2		
						422'/128.63			
		127.77	10	4			C-2		
		127.83	6	3			C-1		
		128.39	56	24			C-2		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7810 SHEET No: 15
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 53		
	128.39	129.44	105	44			C-1		
	129.44	129.75	31	13			Coal loss		
65°	129.75	130.54	79	33			Sandstone, fine grained, light grey, thinly laminated		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7810 SHEET No: 16
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 54		
65°	130.54	131.04	50	21			SANDSTONE, medium grained, light grey, thinly laminated, core is broken possible loss (F.C.A. 30 with calcite)		
						432'/131.67			
		131.12	8	3					
60°		131.70	58	29			Claystone, dark grey, fairly well indurated, minor fine grained sandstone interbeds up to 1CM thick, sheared bedding surface, core broken with possible loss.		
		132.60	90				Sandstone, siltstone, fine to medium grained, light grey, sandstone, medium		
						434.5'/132.44	to dark grey siltstone and claystone interbeds up to 2CM thick, sandstone		
82°							thinly laminated unit suffers from extreme soft sediment deformation, shearing with calcite on bedding surface. Calcite fractures sub // to and perpendicular to bedding some carbonaceous partings - core broken throughout with possible small loss.		
							TOP OF BOX 55		
		134.70	210						
		134.88	18				Core loss		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7810 SHEET No: 17
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 56		
		134.92	4			445'/135.64			
		136.13	121						
		136.85	72				Claystone, dark grey, well indurated, abundant carbonaceous partings 1/2 CM thick, abundant silty interbeds up to 1CM thick plus or minus, fine grained sandstone interbeds up to 6CM thick at bottom some shearing on bedding surfaces.		
65°									
							TOP OF BOX 57		
		137.92	107			455'/138.68			
		139.00	108						
							TOP OF BOX 58		
		140.04	104						
		140.20	16						
	140.20	14.40	20			464.6'/141.61	Coal loss		
	140.40	140.70	30						
	140.70	141.10	40				Coal loss		

DENISON MINES LIMITED
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DIAMOND DRILL CORE LOG

HOLE No: 7810 SHEET No: 18

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 59		
75°	141.10	142.15	105						
		143.08	93				Sandstone, medium grained, light grey, thinly laminated, siltstone interlambs up to 1CM, minor claystone near bottom.		
55°		143.48	40				Claystone, dark grey, siltstone and fine grained sandstone interlams, deformed bedding possible due to bioturbation, abundant plant fragments, minor calcite fracture.		
		143.88	40				Sandstone, fine grained, light grey, thinly laminated silty interbeds up to plus or minus 5 CM abundant calcite filled fractures at top, predominantly near L to bedding.		
							TOP OF BOX 60		
		144.08	20						
						475'/144.78			
		145.84	176						
							TOP OF BOX 61		
		146.25	41						
		146.33	8				Broken and powdered		
		146.73	40				Core loss		
						485'/147.83			

DENISON MINES LIMITED
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DIAMOND DRILL CORE LOG

HOLE No. 7810 SHEET No: 19
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							BOX 61 cont'd		
65°		147.47	74						
		148.12	65						
							Siltstone, dark grey, gradationallyinterbedded with fine grained, sandstone, claystone partings and frequent plant fragments.		
		148.35	23						
							TOP OF BOX 62		
		148.66	31						
		150.36	170				Sandstone, fine grained, light grey, thinly laminated siltstone interbeds up to 30CM, 1C laminae, indicate tops are up, soft sediment deformed, F.C.A. in middle 30°.		
70°									
							Claystone, dark grey, frequent plant fragments, fine grained sandstone at base, sheared bedding surfaces with calcite.		
		150.52	16						
							TOP OF BOX 63		
		151.46	94						
							Sandstone fine to medium grained, medium grey, thin laminae, soft sediment deformed everywhere, occasional calcite filled fractures and shearing on bedding core. Silty interlams up to 1CM thick		

DENISON MINES LIMITED
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DIAMOND DRILL CORE LOG

HOLE No. 7810 SHEET No: 20
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		152.56	110						
							TOP OF BOX 64		
		153.52	96						
						506'/154.23			
		154.67	115						
							TOP OF BOX 65		
		155.23	56						
		155.48	25				Claystone, dark grey, silty interbeds up to 3CM		
55°		156.41	93				Sandstone, fine to medium grained, medium grey, thin laminae, siltstone interbeds up to 2CM thick. Some soft sediment definition, core is broken near bottom with possible loss.		
						516'/157.28			
		156.72	31						

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DENISON MINES LIMITED
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DIAMOND DRILL CORE LOG

HOLE No. 7810 SHEET No: 21
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 66		
		157.00	28						
		158.88	188				Siltstone/Sandstone, dark grey siltstone, interlambed with light grey fine grained sandstone, sandier toward base. Bedding near top is up to 10CM thick soft seg.deformed and possible bioturbation. Shearing with calcite on bedding surface. Some claystone interbeds up to 5CM thick.		
65°									
							TOP OF BOX 67		
		159.23	35						
						525'/160.02			
		161.01	178						
							TOP OF BOX 68		
		162.25	124				Predominantly fine grained sandstone		
						535'/163.07			
		162.72	47						

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7810 SHEET No: 22
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		163.20	48				Sandstone - fine grained, light grey, thin laminae, coarser grain toward bottom, frequent calcite filled fracture, perpendicular to it at steep angles to bedding, shearing on bedding plains, claystone partings, minor carbonaceous fragments		
75°									
							TOP OF BOX 69		
		165.20	200						
						545'/166.12			
		165.32	12						
85°									
45°							TOP OF BOX 70		
		167.47	215						
							TOP OF BOX 71		
		168.27	80						
						555'/169.16			
60°		168.56	29				Siltstone/sandstone, dark grey clayey siltstone interbed with fine light grey sandstone beds up to 35 CM thick shearing with calcite on bedding surfaces cross lambed indicates tops are up.		
		169.91	135						

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7810 SHEET No: 23
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 72		
		171.57	166						
						565'/172.21			
							Siltstone, dark grey, interbed with claystone and fine grained sandstone units up to plus or minus 1CM thick, much soft sediment definition, possible bioturbation, occasional plant frangments, somewhat sandier towards bottom.		
		172.09	52						
							TOP OF BOX 73		
		174.30	221						
							TOP OF BOX 74		
		174.66	36						
60°									
						575'/175.26			
		175.45	79	40					
							Claystone, dark grey, well indurated, frequent plant fragments, silty interlambs, coal partings. Some fine grained sandstone near top. Core somewhat broken near bottom. Possible loss.		
		177.63	121	60					
							TOP OF BOX 75		
						585'/178.31			
60°		178.48	85	42					

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7810 SHEET No: 24
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 76		
65°		180.16	168	71			Claystone, coal parts, plant fragments, listric bed surfaces		
65°	180.16	180.30	14	6			as above carbonaceous, highly broken		
						595'/181.36			
	180.30	180.73	43	22			Coal loss		
	180.73	180.90	17	9			C-2		
							TOP OF BOX 77		
	180.90	181.40	50	25			C-2		
	181.40	181.48	8	4	4708		Coaly claystone		
	181.48	181.70	22	11		599.6'/182.76	claystone loss		
	181.70	181.87	17	9			C-2		
		181.95	8	4			C-3		
60°		182.16	21	10			C-3		
		182.48	32	16			C-2		
						604.5'/184.25			
		182.61	13	7			C-2		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7810 SHEET No: 25

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 78		
	182.61	182.73	12	6			C-2		
		182.77	4	2			C-3		
		183.07	30	15			C-1		
		183.15	8	4			C-2		
						608.6'/185.50			
		183.26	11	6			C-3		
		183.42	16	8			C-1		
		183.48	6	3	4708		C-3		
60°									
		183.80	32	16			C-1		
		184.50	70	35			C-2		
							TOP OF BOX 79		
		184.62	12	6			C-2		
		184.80	18	9			C-1		
						615'/187.45			
		185.02	22	11			C-1		
		185.40	38	19			C-2		
		186.10	70	35			C-1		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7810 SHEET No: 26
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	%
	186.10	186.25	15	7			C-3		
						620'/188.98			
		186.55	30	15			C-1		
							TOP OF BOX 80		
								774	72
								1072	
		186.88	33	16	8074		C-1		
60°		187.05	17	8			C-2		
		187.26	21	11			C-1		
		187.44	18	9			C-2		
		188.19	75	38			C-1		
						627'/191.11			
		188.59	40	20			C-1		
							TOP OF BOX 81		
		188.69	10	5			Coal C-1 highly broken		
	188.69	191.05	2 36	118			Coal loss		
		191.40	35	17			claystone, carbonaceous, broken		
						631'/192.33			
		192.23	83	41			claystone, carbonaceous bands, broken		
		192.33	10	5			C-1		
						634.5'/193.40			
60°		192.85	52	26			claystone, carbonaceous particles, listric bed, surfaces		
							TOP OF BOX 82		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7810 SHEET No: 27
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 82		
		192.98	13	6			Carbonaceous claystone, broken and powdered		
		193.32	34	17			Claystone lost		
60°							Claystone, dark grey, frequent carbonaceous partings, fine grained sandstone interbeds up to 15C, core broken, possible loss, some shearing on bedding surfaces frequent plant fossils, silty towards bottom.		
		193.56	24	12			Claystone lost		
		195.50	194	97					
							TOP OF BOX 83		
		195.72	22						
						644.6'/196.47			
		197.57	185						
							TOP OF BOX 84		
		198.52	95						
						655'/199.64			
70°									
		198.67	15				Coal - C-2 broken		
		199.03	36				Coal lost		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7810 SHEET No: 28
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							BOX 84 cont'd		
		199.60	57				Claystone, dark grey carbonaceous, some shearing on bedding surfaces.		
		199.72	12				Broken		
		199.83	11						
						659'/200.86			
		200.00	17						
							TOP OF BOX 85		
		200.35	35						
		200.42	7				Broken		
		201.56	114						
						665'/202.69			
		202.16	60						
							TOP OF BOX 86		
		202.35	19						
		202.60	25				Broken and powdered, coaly		
		203.16	56				Silty		
65°		203.30	14				Highly broken and carbonaceous		
		203.88	58				Silty		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7810 SHEET No: 29
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Box 86 cont'd		
		204.09	21				Coaly, highly broken and powdered		
		204.27	18						
							TOP OF BOX 87		
		204.40	13						
		204.51	11				Highly broken, coaly		
						675'/205.74			
		205.88	137						
						680'/207.26			
		206.27	39						
							TOP OF BOX 88		
		208.29	202						
		208.41	12				Sandstone, fine grained, medium grey, thinly laminated, frequent carbonaceous partings, claystone interbeds up to 15CM thick, abundant plant fragments in the clayey section, core broken throughout, possible small loss.		
							TOP OF BOX 89		
		208.99	58						
65									
						690'/210.31			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7810 SHEET No: 30
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Box 89 (cont'd)		
		210.57	158						
							TOP OF BOX 90		
		211.54	97						
		212.08	54				Claystone, dark grey, somewhat friable sandy toward base; some siltstone interbeds up to 1 CM thick		
						700'/213.36			
		212.82	74						
							TOP OF BOX 91		
		213.68	86						
						705'/214.88			
		214.93	125						
							TOP OF BOX 92		
		215.13	20						
							(from box 92 to 108)		
		216.59	146				Sandstone (Basal Gates) medium grained, light to medium grey, classic salt and pepper colouring, thinly laminated, excellent cross laminae showing tops are up, occasional conglomeritic stringers, occasional carbonaceous partings, some shearing on bedding surface, especially Box 97 - 99 where core is somewhat broken with probable loss, sandstone becomes finer grained toward boxes 103 - 108 some argilaceous pebbles in 101 - 108 fracturing throughout with calcite.		
	216.59	249.71	3312						

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7810 SHEET No: 31
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 108		
55°		250.36	65						
						825'/251.46			
		251.78	142						
							TOP OF BOX 109		
		253.20	142				Broken		
	253.20	253.38	18				Sandstone/claystone, dark grey, siltstone interbedded with sandstone as above, broken core.		
						835'/254.51			
	253.38	253.73	35				Claystone, dark grey, friable, broken with core loss		
						836'/254.81			
							TOP OF BOX 110		
		254.11	38				As above with sandstone interbed up to 5CM thick core broken		
		255.66	155				Sandstone (as in Box 92) occasional claystone partings.		
							TOP OF BOX 111		
		256.33	67				Gritty		
						845'/257.56			

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DIAMOND DRILL CORE LOG

HOLE No: 7810 SHEET No: 32
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Box 111 (cont'd)		
		256.57	24				Gritty		
		256.97	40				Conglomeratic predom chert pebbles well rounded, some argillaceous material. Both matrix and grain supported pebbles minor calcite fracturing.		
		257.77	80				Sandstone (as above)		
							TOP OF BOX 112		
		258.64	87						
						852.5'/259.84			
73°									
		259.80	116				Sheared bedding surface (frequent carbonaceous partings)		
							TOP OF BOX 113		
		261.54	174						
						862'/262.74			
		261.92	38						

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7810 SHEET No: 33
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 114		
		262.43	51			865'/263.65	Frequent carbonaceous partings, coarse grain with some pebbles claystone partings, core somewhat broken		
		262.79	36						
		263.96	117				Sandstone as above with conglomeratic interbeds 35 CM of conglomeratic at base. Core broken somewhat.		
							TOP OF BOX 115		
		264.31	35				Broken core		
		264.93	62				and loss		
		265.67	74				Sandstone as before (Box 92) core broken F.C.A. with calcite 40°		
45°									
						875'/266.70			
		266.62	95				F.C.A. - 65°		
							TOP OF BOX 116		
		266.79	17						
55°		267.29	50				Siltstone with minor sandstone as above.		
		268.50	121				Sandstone as before		
						885'/269.75			
		268.80	30						

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DIAMOND DRILL CORE LOG

HOLE No. 7810 SHEET No: 34
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 117		
		270.99	219				Claystone partings up to 1 CM, sheared bedding surface.		
							TOP OF BOX 118		
		271.47	48				Claystone partings and fragments up to 10CM thick		
						895'/272.80			
		273.11	164						
							TOP OF BOX 119		
55°		274.58	147				Claystone parting and fragments		
						905'/275.84			
		275.32	74						
							TOP OF BOX 120		
		277.49	217						
							TOP OF BOX 121		
		277.63	14						
						915'/278.89			
55°		279.41	178				Sandstone as before		

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DIAMOND DRILL CORE LOG

HOLE No: 7810 SHEET No: 35
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 122		
		280.49	108						
						923'/281.33			
		281.09	60						
		281.63	54				Sandstone/siltstone, fine grained, light grey, thin laminae, interbedded with dark grey clayey siltstone, beds from 1 CM to 40 CM, sandstone contains claystone fragments, sulphide blebs (pyrite or marcasite)		
							TOP OF BOX 123		
		281.72	9						
						933'/284.38			
		283.70	198				Shred bedding, surface and broken core.		
							TOP OF BOX 124		
		284.05	35						
						935'/284.99			
		284.60	55						
50		285.67	107				Sandstone, fine grained, light grey, thinly laminated cross beds indicate tops up (FCA -25°)		
							Sandstone, claystone, fine grained, light grey, thinly laminated sandstone, cross laminatedtops up, interbedded with dark grey claystone, well indurated, SST interbeds up to 60 CM thick (true) claystone up to true		

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DENISON MINES LIMITED
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DIAMOND DRILL CORE LOG

HOLE No: 7810 SHEET No: 36
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Box 124 (cont'd)		
							claystone up to true thick 10CM shearing and calcite on claystone shearing and calcite on claystone bedding surfaces, some sandstone silty sandstone at base containing abundant clay fragments.		
		285.75	8				As above.		
							TOP OF BOX 125		
		286.95	120						
						945'/288.04			
		287.88	93						
							TOP OF BOX 126		
60°		290.00	212						
						955'/291.08			
							TOP OF BOX 127		
		292.08	208						
							TOP OF BOX 128		
		293.00	92						
						965'/294.13			
		293.90	90						
55°				(F.C.A. - 35)			Sandstone, fine grained, light grey, thinly laminated, occasional claystone and calcite fragments.		
		294.20	30						

DENISON MINES LIMITED
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DIAMOND DRILL CORE LOG

HOLE No: 7810 SHEET No: 37
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 129		
		295.95	175			975'/297.18			
		296.42	47						
							TOP OF BOX 130		
		298.64	222						
							TOP OF BOX 131		
		298.80	16			985'/300.23			
		299.22	42						
		300.25	103				Sandstone/claystone, fine grained, light grey, thinly laminated sandstone, interbedded with dark grey, well indurated claystone, bedding up to 15 CM thick. Claystone contains abundant iron sulphide blebs, fine grained sandstone contains a 2CM by 7CM iron sulphide bleb, some calcite fracture at a steep angle to bedding.		
		300.72	47				Sandstone, fine grained, light grey, thin parallel laminae, occasional claystone partings, salt and pepper colour, cross laminae indicate tops are up, (cross lam angle 25° in box 133		
							TOP OF BOX 132		
55°		301.84	112						
						995'/303.28			
		302.84	100						

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DENISON MINES LIMITED (COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7810 SHEET No: 38

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 133		
		304.94	210						
						1005'/306.32			
		305.02	8						
							TOP OF BOX 134		
		307.19	217						
							TOP OF BOX 135		
50°		308.03	84						
						1015'/309.37	Frequent claystone interbeds up to 4CM thick claystone appears to be micaceous, carbonaceous partings and sheared bedding surfaces. (F.C.A. 35)		
		309.33	130						
		309.42	9				TOP OF BOX 136		
	309.42	311.15	173				Sandstone/claystone, fine grained, light grey, thin laminated sandstone, interbedded with dark grey claystone and medium grey siltstone, sandstone beds up to 50 CM thick (true) claystone beds up to 10CM thick (true) siltstone beds up to 30CM thick (true) near top, abundant soft sediment definition, probable bioturbation, some shearing on claystone bedding planes with calcite minor calcite fracture (F.C.A. 35°)		
						1025'/312.42			
		311.45	30						

DENISON MINES LIMITED
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DIAMOND DRILL CORE LOG

HOLE No: 7810 SHEET No: 39
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 137		
		312.67	122			1030'/313.94			
		313.54	87						
65°							TOP OF BOX 138		
		314.19	65			1035'/315.47			
		315.77	158				Sandstone and siltstone both appear to be micaceous		
							TOP OF BOX 139		
		317.09	132			1045'/318.52			
		317.34	25						
63°		317.80	46				Sandstone, fine grained, light grey, thinly laminated, frequent claystone partings and clasts, sandstone cross laminaes indicate tops up.		

DENISON MINES LIMITED
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DIAMOND DRILL CORE LOG

HOLE No: 7810 SHEET No: 40
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 140		
63°		319.85	205				(from Box 140 to 143)		
	319.85	319.98	13				Sandstone/siltstone/claystone (transition to Moosebar) light grey, fine grained claystone, interbeds up to 5 CM, sandstone somewhat thicker at base much soft sediment definition, probable bioturbation,		
	319.98	326.37	639				claystone is micaceous and contains pyrite blebs or nodules. Abundant small scale rip up clasts.		
							TOP OF BOX 144		
		326.99	62				(from box 144 to 157)		
45°							Sandstone/siltstone/claystone - fine grained, thin laminae, light grey F.C.A.-30°, sandstone medium to dark grey siltstone, dark grey claystone		
	326.99	356.79	2980				interbeds are up to 10CM thick, siltstone and claystone interbeds somewhat less contacts generally gradational upwards, abundant, claystone fragments throughout (imbricate) parallel to bedding) soft sediment definitions, bioturbate, worm burrows, occasional shearing on bedding surface with calcite sandstone, siltstone calcarious claystone.		
							TOP OF BOX 158		
		357.09	30				(from Box 158 to 162)		
55°						1175'/358.14	F.C.A. 34°		
		358.67	158						
	358.67	367.50	883				Claystone, dark grey, frequent thin silty and sandy interbeds, frequent carbonaceous fragments, abundant claystone fragments as in units above, gradational contact from sandstone through claystone, some soft sediment definition and possible bioturbation.		

DENISON MINES LIMITED (COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7810 SHEET No: 41

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 163		
		368.61	111				(from Box 163 to 177)		
		369.25	64				Sandstone/siltstone/claystone as in box 144, sandstone interbeds up to 10 CM thick, claystone interbeds up to 20 C, thick, siltstone		
	369.25	399.79	3054				interbeds up to 5CM thick.		
							TOP OF BOX 178		
		401.62	183				Plant fragments on bedding surface		
							(Boxes 178 and 179)		
52°							Claystone (top of Mooseback) dark grey, friable, frequent silty interbeds		
	401.62	404.89	327				grading into claystone. Some shearing and calcite on bedding surface, some carbonaceous plant fragments.		
							TOP OF BOX 180		
50°							(from Box 180 to 187)		
55°									
		405.62	73				Claystone, dark grey, friable, few grown claystone clasts near bottom, some shearing and calcite on bedding surface near top.		
	405.62	421.34	1572						
							TOP OF BOX 188		
	421.34	423.12	178				Conglomerate - Predominantly chert pebble, some claystone pebbles, well rounded, frequent grain of dark grey glauconite, transitional into claystone at top, abrupt contact with sandstone at bottom.		
							TOP OF BOX 189		
		423.86	74						
						1395'/425.20			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7810 SHEET No: 42
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Box 189 (cont'd)		
		423.98	12						
52°	423.98	425.33	135				Sandstone, fine to medium grained, light grey, thin laminae, claystone partings, some carbonaceous partings, listric bedding surfaces.		
							TOP OF BOX 190		
		425.60	27						
		426.92	132				Sandstone, medium to coarse grain with pebble trains and interbeds, frequent carbonaceous partings near bottom, 52° cross lams indicate top is up shearing on bedding surface, with iron staining.		
						1405'/428.24			
		427.43	51						
							TOP OF BOX 191		
		428.31	88						
		428.67	36				Core loss		
42°									
		429.94	127				Grit, coarse grained sandstone to pebble conglomerate, pebbles up to 1.5MM subrounded, frequent carbonaceous partings, shearing on bedding surface.		
							TOP OF BOX 192		
		430.04	10						
						1415'/431.29			
	430.34	431.99	165				Sandstone, fine grained to grit, thin laminae, light to medium grey.		
	431.99	432.03	4				Coal, C-2 probably a coalified tree, carbonaceous claystone on top, powdered.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7810 SHEET No: 43
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 193		
		432.19	16				Coal		
		432.39	20				Coal loss		
	432.39	433.34	95				Sandstone, fine grained, medium grey, abundant coal fragments near bottom, thin laminae, some calcite fracture, F.C.A. 40		
						1425'/434.34			
		433.49	15						
	433.49	433.66	17				Chert Pebble, conglomerate - subrounded pebbles to 1CM		
							Sandstone, fine to medium grained, light grey, massive, occasional small pebbles, occasional coal partings.		
	433.66	434.19	53						
							TOP OF BOX 194		
		435.19	100						
55°	435.19	435.92	73				Sandstone/conglomerate, fine to coarse grained sandstone, light grey to medium interbedded with pebble conglomerate, pebbles up to 20M, conglomerate interbeds up to 50CM sandstone interbeds up to 40CM abundant carbonaceous partings and fragments, core broken, possible loss listric bedding surface.		
75°						1433'/436.78			
		436.33	41						

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7810 SHEET No: 44
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 195		
70°		438.46	213						
54°									
46°									
						1442'/439.52			
							TOP OF BOX 196		
		438.99	53				Sandstone, coarse grained, medium grey, frequent small pebbles, frequent coal partings and coalified tree parts, some calcite on bedding surface listric bedding surface.		
		440.48	149						
							TOP OF BOX 197		
		440.91	43						
52°		441.02	11				Sandstone/conglomerate, medium to coarse grained medium grey sandstone interbeded with pebbles conglomerate, conglomerate interbeded up to 10CM thick, frequent carbonaceous partings and fragments, shred bedding surface, core broken at base, possible loss.		
						1451'/442.26			
		442.25	123				Conglomerate, predominant chert pebbles subrounded up to 1 1/2 CM perimeter.		
		442.65	40						
							TOP OF BOX 198		
50°		444.02	137				Sandstone interbedded roughly 40 CM thick.		
						1461'/445.31			
		444.91	89						

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7810 SHEET No: 45
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 199		
		445.09	18						
						1464'/446.23			
		446.42	133						
55°		447.11	69				Sandstone, fine grained, light to medium grey, frequent claystone and carbonaceous partings, sheared bedding surface, claystone fragments. *Bedding steepens to near vertical in probable crossbed.		
							TOP OF BOX 200		
		447.25	14						
		447.28	3				Coal, C-1, broken powdered		
		447.50	22				Coal loss (from Box 200 to 202)		
		447.61	11				Claystone, dark grey well indurated, frequent fine grained sandstone interbeds up to 20 CM thick (true) soft sediment definition and possible bioturbation, occasional calcite fracture on bedding surface and at steep angles to bedding surface with shearing on bedding surface.		
						1472'/448.67			
		450.76	121				TOP OF BOX 203		
		451.68	92						
		453.80	212						
		455.47	167						
		455.95	48				Sandstone, fine grained, light grey, thinly laminated, cross laminations indicate tops up, becomes silty in middle. Some broken core near middle.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7810 SHEET No: 46
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 204		
40°		456.70	75						
		456.87	17				As above but with very little siltstone		
						1503.5'/458.27			
		458.12	125						
							TOP OF BOX 205		
		458.93	81						
		458.99	6				Sandstone, coarse grained, medium grey, salt and pepper colour, thin lamination, frequent carbonaceous partings and fragments.		
						1511'/460.55			
		460.22	123						
		460.33	11				Sandstone/conglomerate, coarse grained, medium grey sandstone, interbedded with chert pebble conglomerate, frequent claystone partings and carbonaceous partings. Some shearing on bedding surface.		
							TOP OF BOX 206		
		461.86	153						
						1519.5'/463.14			
		462.44	58						
							TOP OF BOX 207		
		463.40	96						

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7810 SHEET No: 47
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Box No. 207(cont'd)		
		464.45	105				Conglomerate, chert pebble up to 4CM in diameter, medium to coarse grained sandstone matrix, pebbles are subrounded, both matrix and grain supported, shearing on bedding surface, carbonaceous partings.		
						1528'/465.73			
							No Box 208 - boxes misnumbered (No core loss)		
							TOP OF BOX 209		
							(*N.Q. from here to E.O.H.)		
		466.84	239						
						1535'/467.87			
		467.33	49						
							TOP OF BOX 210		
		469.81	248						
						1545'/470.92			
		470.17	36						
							TOP OF BOX 211		
		470.93	76						
45°		471.20	27				Coal, C-1, C-4 with bright beds		
		472.96	160				Sandstone, fine grained, light grey, thinly laminated, deformed sediment, occasional coal partings, silty toward bottom.		
						1555'/473.96			

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7810 SHEET No: 48
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 212		
		474.28	132						
		474.63	35				Claystone, dark grey, well indurated, a few CM of coal and carbonaceous claystone in middle, broken and powdered, sandy toward base.		
		475.17	54				Sandstone, fine grained, thin laminae, silty partings, cross bedding with B.C.A. 80°.		
60°									
		475.34	17				Claystone, dark grey, well indurated, silty in places, some shearing with calcite on bedding surface. Some carbonaceous material on bedding surface.		
							TOP OF BOX 213		
		475.43	9						
						1565'/477.01			
		476.59	116						
		477.92	133				Sandstone/siltstone, sandstone as in units above calcite filled fracture pependicular to bedding.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7810 SHEET No: 49
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 214		
53°		478.40	48				Sandstone, fine grained, thin laminae, carbonaceous partings.		
	478.40	478.60	20				C-4		
	478.60	479.30	70				Claystone lost, coaly		
	479.30	480.25	95				Claystone, silty, partly carbonaceous		
	480.25	480.49	24				C-2		
	480.49	480.63	14				Coal missing		
	480.63	480.73	10				Carbonaceous claystone as before.		
						1582'/482.19			
	480.73	481.09	36				As above, broken, carbonaceous at base.		
	481.09	480.22	13				Claystone missing		
	481.22	481.29	7				C-2		
	481.29	481.50	21				Coal missing		
	481.50	481.78	28				Claystone, as above, highly broken		
							TOP OF BOX 215		
	481.78	481.95	17				Claystone, dark grey, abundant plant fragments, sandstone partings near bottom.		
						1585'/483.11			
		484.16	221						
		484.72	56				Sandstone, fine to coarse grain, light grey, thinly laminated, silty partings and fragments.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7810 SHEET No: 50
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 216		
		486.29	157				Siltstone/claystone, sandy siltstone, interbedded with dark grey claystone, carbonaceous claystone near bottom core broken to base, possible loss.		
		486.55	26						
		486.95	30				Sandstone, fine to medium grain, thinly laminated, claystone partings and fragments.		
		487.24	39						
							TOP OF BOX 217 (from Box 217 to 221)		
		487.79	55				Sandstone, light to medium grey, silty near top, fine grained grading down to coarse grains at base. Abundant claystone partings, thinly laminated throughout, somewhat massive in coarse material at base. Minor calcite fracturing at steep angle to bedding.		
	490.18	498.92	874						
						1605.6'/489.39			
		490.18	239						
							TOP OF BOX 221		
		499.63	71						
						1645'/501.40	15CM of claystone near bottom		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7810 SHEET No: 51
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							lithic tuff Box 221 (cont'd)		
		500.66	103				Claystone, [illegible] angular crystals of feldspar, euhedral, muscovite (probably secondary) and gypsum? (secondary) clay matrix.		
							Sample taken		
		501.28	62				Claystone, dark grey		
		501.41	13				Carbonaceous claystone and coal, broken and powdered		
		501.56	15				Coaly claystone lost		
		501.90	34				Claystone, as before, coal		
							TOP OF BOX 222		
	501.90	502.86	96				Sandstone/siltstone/claystone, fine grained, light grey, thinly laminated sandstone, interbedded with medium to dark grey siltstone and dark grey claystone, claystone interbeds up to 10CM thick, sandstone, siltstone interbeds up to 6CM thick. Abundant calcite filled fracture perpendicular to bedding, soft sediment definition. Possible bioturbation.		
						1655'/504.44			
	502.86	504.86	200	191					

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7810 SHEET No: 52
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 223		
	504.86	506.01	115	81			Sandstone, finely grained, thin laminae, light grey, silty and clayey interbeds to 3CM thick. 6CM of claystone at base.		
						1665'/507.49			
	506.01	506.33	32	23					
45°	506.33	507.10	77	54			Claystone, silty, frequent finely grained sandstone lines. Carbonaceous at base.		
	507.10	507.15	5	3			C-4		
		507.28	13	(9)			C-3		
		507.32	4	3			C-4		
	507.32	507.48	16	11			Sandstone- carbonaceous		
↑	507.48	507.71	23	16			Claystone, carbonaceous		
	507.71	507.91	20	14			Claystone, loss		
							TOP OF BOX 224		
46°	507.91	507.99	8	6			C-4		
↓	507.99	508.38	39	27			Claystone, carbonaceous		
	508.38	508.48	10	7			Sandstone, finely grained, thinly laminated.		
	508.48	508.70	22	15			C-4		
	508.70	508.97	27	19			Sandstone, carbonaceous, very fine grain, silty.		
						1674'/510.24			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7810 SHEET No: 53

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Box 224 (cont'd)		
	508.97	509.03	6	4		1674.6'/510.42	C-2, broken		
		509.53	50	34			C-1		
		509.73	20	14			C-3		
46°		510.19	46	32			C-1		
		510.27	8	6			C-2		
		510.60	33	23			C-1	688/900	76
							TOP OF BOX 225		
		510.70	10	7		4707	C-2		
	510.70	510.95	25	17			C-3		
47°		511.48	53	37			Sandstone, finely grained carbonaceous fragments no geophysical logs		
		511.80	32	22			C-1		
						1685'/513.59			
		512.16	36	25			Claystone, carbonaceous, some thin coaly layers, broken at top.		
46°	512.16	512.71	55	38		1688'/514.50	core loss		
		512.81	10	7			As above carbonaceous claystone		
		512.85	4	3			C-1		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7810 SHEET No: 54
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 226		
		512.97	12	8			C-2		
		513.67	70	49			Coaly claystone		
		514.24	57	40		1693'	Core loss		
		514.36	12	8		/516.03	as above, claystone, coaly		
		514.66	30	21			C-1		
	514.66	515.46	80	56		1697'	Core loss		
		516.10	64	44		/517.25	C-1		
							Hole ended in coal		

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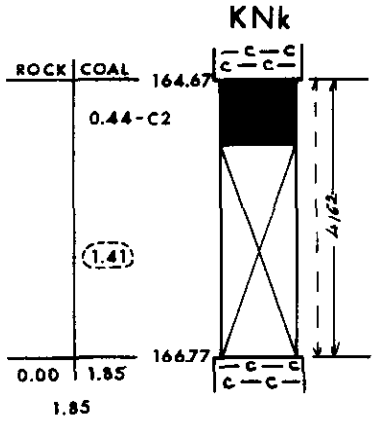
BELCOURT PROJECT

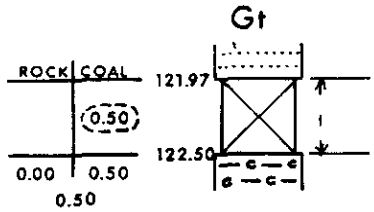
MINING SECTION SUMMARY

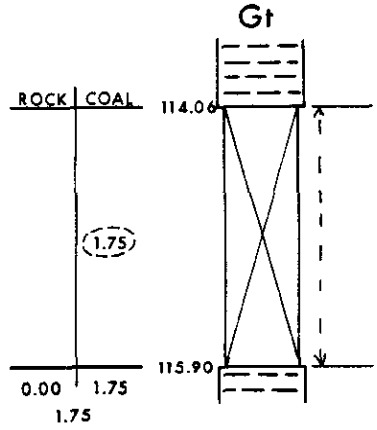
Hole No. BD 7811 Bearing 195° Angle 60° Total Depth 175.46 m

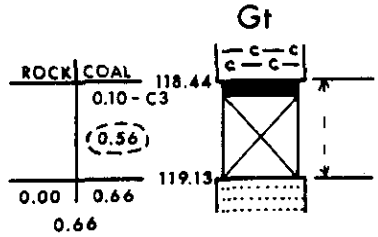
Coordinates 43528.24 N - 76826.64 E Collar Elevation 1410.80 m

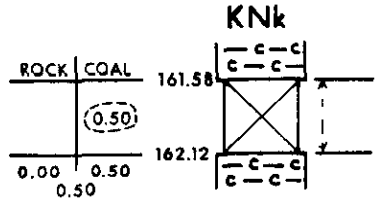
Seam	Zone	Elevation (base)	Drilled Interval	True Thickness	Coal/Rock	Core Recovery%	Sample I.D.
	*	1301.65	121.97 - 122.50 .53	0.50	0.50/0.00	0.00	
	*	1304.65	118.44 - 119.13 .69	0.66	0.66/0.00	15.2	
	*	1307.53	114.06 - 115.90 1.84	1.75	1.75/0.00	0.00	
	*	1341.78	76.09 - 77.46 1.37	1.20	1.20/0.00	38.3	4161
	**	1262.21	164.67 - 166.77 2.10	1.85	1.85/0.00	23.8	4162
	**	1266.35	161.58 - 162.12 1.54	0.50	0.50/0.00	0.00	
			23°	6.46			
	*	Gething Coal					
	**	Nikanassin Coal					

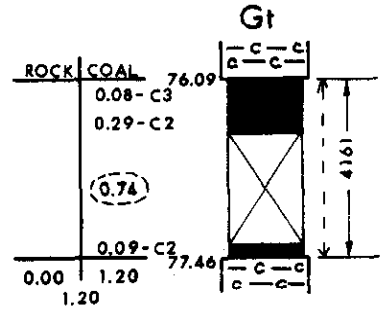












LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

} BASED ON VISUAL ESTIMATES

- C4 COAL >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- MINING SECTION
- SAMPLE INTERVAL & NUMBER
- COMPOSITE SAMPLE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

KNk Nikanassin Coal
Gt Gething Coal

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

BELCOURT
SEAM DETAILS
BD 7811

DRAWN BY: R.C.	DATE: FEB. 1979	SCALE: 1 : 50
PREPARED BY: I.D.	DATE: " "	DRAWING NUMBER
APPROVED BY: G.P.G.	DATE: " "	BLCR 79-0827-R01

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7811 SHEET No: 1
DATE BEGUN: DEPTH: BEARING: 195°
DATE FINISHED: ELEV. COLLAR: 1410.80M TOTAL DEPTH: 175.46M COAL LICENSE:
LAT.: HOLE ANGLE: 60° LOGGED BY: D.G.S. Johnson CORE SIZE: HQ

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 1		
	0.00	4.54	4.54				Casing		
	4.54	5.40	86				Sandstone, medium grain, dark grey, slightly laminated, minor carbonaceous laminae. Pebbly and broken at top. Calcareous		
						21'/6.40			
	5.40	6.41	101				As above, becomes fine grained		
							TOP OF BOX 2		
	6.41	6.51	10			26'/7.92	As above, becomes fine grained		
22°	6.51	7.68	117				As above, fine grained, more distinctly laminated. Broken at top.		
						29'/8.84			
	7.68	8.40	72				As above, 3CM silty claystone interbed. Bottom 38CM of sandy and clayey. Held together with drilling mud.		
	8.40	8.71	31				Missing rock		
							TOP OF BOX 3		
	8.71	9.30	50				As above, fragmented with mud		
						34'/10.36			
	9.30	9.51	21				Claystone, very dark grey, calcareous, massive		
						35'/10.67			
	9.51	10.26	75				Missing rock		
	10.26	11.13	87				As before, sandstone fine grained, laminated, broken at the top. The middle is fragments held together with mud.		
						40'/12.19			

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7811 SHEET No: 2
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	11.13	11.46	33				As above, fragments held together with mud.		
	11.46	11.79	33				Missing rock		
							TOP OF BOX 4		
	11.79	12.04	25				Fragments and mud		
						43'/13.11			
	12.04	12.54	50				Siltstone, weathered slightly brown grey, rusty surfaces around fragments. The bottom half is assorted fragments and mud. Micaceous.		
	12.54	15.27	273				Missing rock		
						51'/15.54			
23°	15.27	15.80	53				Siltstone. As above, not calcarious, not as weathered or rusty, medium grey, very broken and fractured. Massive		
						55'/16.76			
	15.80	15.98	18				As above.		
							TOP OF BOX 5		
	15.98	16.17	19				As above, grades to unit below still broken.		
	16.17	16.41	24				Claystone, dark grey silty with siltstone bands up to 2CM. Silty bands calcareous. The unit is friable and fragmented.		
						59'/17.98			
	16.41	17.38	97				Missing rock		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7811 SHEET No: 3
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 6		
	17.38	18.51	113				As above		
						64'/19.51			
	18.51	18.96	45				Missing rock		
	18.96	18.98	2				As above		
	18.98	19.41	43				As above, very silty		
						67'/20.62			
	19.41	19.55	14				As above		
	19.55	20.33	78				Siltstone, grey as siltstone before, very broken and fractured		
						71'/21.64			
	20.33	20.88	55				Missing rock		
	20.88	21.01	13				As above, clayey siltstone and darker grey		
							TOP OF BOX 7		
	21.01	21.64	63				Siltstone as above, slightly less fractured. Broken up, grades to unit below.		
	21.64	21.84	20				Claystone, dark grey silty, fractured and broken		
						76'/23.16			
	21.84	21.90	6				As above		
	21.90	22.23	33				Braccia siltstone and claystone fragments in a very calcareous matrix tan and brown crystaline calcite between fragments as well as white calcite filled fractures. Possible fault.		
						79'/24.08			
	22.23	22.28	5				as above		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7811 SHEET No: 4
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	22.28	22.46	18				Claystone dark grey, broken, massive		
	22.46	22.51	5				More becciated material as before		
	22.51	31.10	859				Missing		
							TOP OF BOX 8		
	31.10	31.30	20				Claystone as before		
	31.30	34.19	289				Missing rock		
						113'/34.44			
25°	34.19	35.43	124				Claystone as above, becoming less silty. Fairly competent, still friable.		
	35.43	35.62	19				As above		
							TOP OF BOX 9		
	35.62	36.17	55				As above		
						121'/36.88			
	36.17	37.55	138				As above, very competent toward base only slightly friable.		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7811 SHEET No: 5
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 10		
	37.55	37.65	10			126'/38.40	As above, claystone is competent		
	37.65	39.18	153			131'/39.93	As above		
	39.18	39.53	35				As above		
							TOP OF BOX 11		
	39.53	40.76	123			136'/41.45	As above		
	40.76	41.76	100				As above		
							TOP OF BOX 12		
	41.76	42.30	54			141'/42.98	As above		
	42.70	43.85	155			146'/44.50	As above		
	43.85	44.16	31				As above		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7811 SHEET No: 6
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 13		
26°	44.16	45.36	120			151'/46.02	As above		
	45.36	46.25	89				As above		
							TOP OF BOX 14		
	46.25	46.91	66			156'/47.55	As above		
	46.91	48.26	135				As above		
							TOP OF BOX 15		
	48.26	48.46	20			161'/49.07	As above		
	48.46	49.79	133			166'/50.60	As above		
	49.79	50.35	56				As above		
							TOP OF BOX 16		
	50.35	51.29	94			171'/52.12	As above, slightly friable		
78°	51.29	52.37	108				As above		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7811 SHEET No: 7
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 17		
	52.37	52.80	43				As above		
	52.80	54.32	152			181'/55.17	As above		
	54.32	54.39	7				As above		
							TOP OF BOX 18		
	54.39	54.64	25				As above		
	54.64	54.70	6				Light greenish grey claystone weathered white and powdery. Bentonite		
23°									
	54.70	55.54	84				Claystone as before with a light grey band in the center (cherty)		
	55.54	55.63	9				Claystone, glauconitic with a few scattered pebbles up to 0.5CM in diameter.		
						186'/56.69	MOOSEBAR / GETHING		
24°	55.63	56.30	67				Claystone, dark grey, very silty with coaly laminae. Very sheared throughout with listric surfaces where it is more sheared. Shearing is not parallel to bedding. Bedding is distorted. Silty bands up to 1CM. Coal stringers less than 1MM.		
	56.30	56.77	47				Missing rock.		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7811 SHEET No: 8
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 19		
	56.77	56.97	20				As above not as intensely sheared		
						190'/57.91			
	56.97	57.34	37				As above, minor shearing along coaly laminae		
						191'/58.22			
	57.34	57.58	24				As above		
52°	57.58	58.47	89				Sandstone, very fine, dark grey calcareous, minor carbonaceous material. Silty with a 4CM silty band. Calcite filled fractures. Minor and irregular laminae. Soft sediment determination. Bioturbation.		
	58.47	58.55	8				Siltstone. Very dark grey with some sandy bands up to 1CM. Calcareous. Coal lens at top, 3MM thick.		
							TOP OF BOX 20		
	58.55	58.87	32				As above		
						196'/59.74			
19°	58.87	58.98	11				As above		
	58.98	59.29	31				Claystone, very dark grey, very carbonaceous and coaly with minor shearing along coal surfaces. Coal laminae up to 2MM. Grades to sand below.		
40°	59.29	60.27	98				Sandstone. Very fine to fine grain, grey. Slightly carbonaceous, calcareous, not distinctly laminated. Soft sediment deformation.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7811 SHEET No: 9
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	60.27	60.33	6				Siltstone with interbedded very fine sandstone and claystone up to 3CM. Carbonaceous and calcareous in the courser beds. A coal lens 3MM thick and few minor coal laminae. Soft sediment deformation.		
						201'/61.26			
	60.33	60.64	31				As above		
							TOP OF BOX 21		
21°	60.64	61.82	118				As above		
						206'/62.79			
	61.82	61.90	8				As above		
14°	61.90	62.70	80				Sandstone, very fine to fine grain, grey to dark grey, interbedded siltstone up to 1CM, calcareous, carbonaceous laminae. Irregular calcite fractures at bottom.		
							TOP OF BOX 22		
	62.70	63.25	55				As above. Many calcite fractures in the top 20CM		
						211'/64.31			
18°	63.25	64.67	142				As above the bottom 110CM contain no interbeds of siltstone and have become medium grained and grey with a few coaly and calcite filled laminae that also have some small pebbles up to 3MM in diameter on either side. Generally the sandstone has a cleaner appearance. The laminae are not soft sediment deformed. They are crossbedded.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7811 SHEET No: 10
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 23		
	64.67	64.85	18			216'/65.84	As above, medium grained, grey sandstone		
	64.85	66.33	148				As above with several pebbley zones. Up to 4CM, pebbles up to 1.5CM in diameter. Coaly lenses and laminae up to 4MM in top half minor irregular calcite fractures.		
						221'/67.36			
	66.33	66.88	55				As above. Sandstone is becoming cleaner, less coal or pebbles. Continues to have minor calcite fractures.		
							TOP OF BOX 24		
	66.88	67.89	101				As above		
20°	67.89	68.74	95				As above. Coal stringers and lenses in top 15CM and bottom 15CM up to 3 MM.		
20°	68.74	69.05	31				Claystone, silty, carbonaceous top 8CM coaly with a coaly C-4 band 1.5CM thick.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7811 SHEET No: 11
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 25		
	69.05	69.10	5				As above		
						231'/70.41			
	69.10	69.67	57				Missing rock		
	69.67	71.00	133				As above. Contains 7CM very fine sandstone band near the top. 1CM coaly laminae near the bottom. Grades to unit below.		
						236'/71.93			
23°	71.00	71.80	80				Very fine sandstone, dark grey, silty laminae up to 1CM. Soft sediment deformation. Silty at base. Calcareous		
							TOP OF BOX 26		
	71.80	72.56	76				As above. Very silty. Could be considered as siltstone interbanded with a very fine sandstone. A few carbonaceous laminae and lenses.		
						241'/73.46			
	72.56	74.03	147				As above, still very silty 18CM from bottom there is a 13CM coaly claystone zone with minor shearing along coaly laminae.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7811 SHEET No: 12
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 27		
	74.03	74.14	11				As above		
						246'/74.98			
	74.14	74.22	8				As above. Fine sandstone		
	74.22	74.90	68				Missing rock		
40°	74.90	75.44	54				Siltstone, dark grey, carbonaceous, calcareous. A gradation of above. Claystone bands up to 1CM.		
	75.44	75.83	39				Claystone, black, coaly, coal stringers up to 3MM, massive.		
						251'/76.50			
	75.83	76.03	20				Missing rock		
	76.03	76.01	6				As above, claystone coaly		
	76.09	76.18	9	8			C-3		
30°	76.18	76.51	33	29			C-2 top of coal is broken		
						256'/78.03			
	76.51	77.36	85	74			Coal missing		
	77.36	77.46	10	9			C-2		
	77.46	77.81	35				Claystone. Very dark grey, carbonaceous, silty, massive, coal lenses up to 4MM		
	77.81	77.96	15				Missing claystone		
							TOP OF BOX 28		
	77.96	78.01	5				As above		
							The next several measurements are siltstone with interbedded claystone and very fine sandstone. The contacts are usually gradational with soft sediment deformation and bioturbation. Sandstone and claystone zones can be up to 20CM with individual beds generally less than 5CM. The entire unit is dark grey to black.		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7811 SHEET No: 13
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							The top two meters is not very calcareous. The remaining coarser zones are calcareous. The entire unit is carbonaceous from only slightly to coaly. A few coaly lenses up to 1CM.		
	78.01	78.89	88				As above		
						261'/79.55			
20°	78.89	80.03	114				As above		
							TOP OF BOX 29		
	80.03	80.34	31				As above		
						266'/81.08			
	80.34	81.57	123				As above. This unit is clayey siltstone.		
						271'/82.60			
	81.57	82.14	57				Missing. Coaly claystone		
	82.14	82.62	48				As above. Top 10CM broken coaly claystone.		
							TOP OF BOX 30		
	82.62	83.59	97				As above		
						276'/84.12			
29°									
	83.59	84.69	110				As above		
							TOP OF BOX 31		
	84.69	85.05	36				As above		
						281'/85.65			
28°									

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7811 SHEET No: 14
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	85.05	86.14	109				As above		
	86.14	86.49	35				Sandstone, fine grain, dark grey, laminated, crossbed, calcareous, calcite fractures, subparallel to bedding, shearing along calcite fractures. This unit is a gradation from above.		
						286'/87.17			
	86.49	86.74	25				As above. Calcite fractures continue		
							TOP OF BOX 32		
33°	86.74	87.16	42				As above. Calcite fractures still across bedding.		
	87.16	87.44	28				Siltstone. Gradation from above. Abundant calcite filled fractures parallel to and across bedding. Very irregular shearing associated with calcite.		
	87.44	87.71	27				Claystone very dark grey carbonaceous with some silty bands.		
	87.71	88.43	72				As above. Broken towards base. Very coaly in the broken zone.		
	88.43	88.80	37				Missing. (coaly claystone)		
	88.80	88.91	11				Siltstone, dark grey, carbonaceous, slightly friable. Gradation from above.		
							TOP OF BOX 33		
	88.91	89.31	40				Missing		
	89.31	89.86	55				As above. The top is very broken, friable and soft. Appears sheared. Small fault		
						296'/90.22			

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7811 SHEET No: 15
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
26°	89.86	90.56	70				As above. Few interbands of very fine sandstone up to 3CM and claystone up to 5CM. Very competent.		
	90.56	90.96	40				Claystone. Minor silty zones, very dark grey to black, carbonaceous, coal lenses and laminae up to 0.5CM.		
						301'/91.74			
	90.96	91.10	14				As above, claystone		
							TOP OF BOX 34		
	91.10	91.79	69				As above. Minor shearing along coaly stringers.		
						306'/93.27			
	91.79	92.76	97				As above. Becoming less coaly towards base. 5CM sandy band at base.		
							TOP OF BOX 35		
	92.76	92.86	10				As above		
						311'/94.79			
	92.86	92.96	10				As above		
	92.96	94.46	150				Missing claystone		
	94.46	95.88	142				Interbedded siltstone, very fine sandstone and claystone with individual zones up to 25CM. Contacts gradational. A few coaly stringers and lenses up to 0.5CM. Calcareous.		
						316'/96.32			
	95.88	96.23	35				As above.		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7811 SHEET No: 16
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 36		
	96.23	97.37	114				As above predominantly very fine sandstone, a few calcite filled fractures.		
						321'/97.84			
	97.37	98.28	91				As above. Becomes claystone at base, calcareous.		
	98.28	98.90	62				As above. This measurement is silty claystone.		
						326'/99.36			
	98.90	100.25	135				As above, siltstone, claystone, very fine sandstone		
							TOP OF BOX 37		
	100.25	100.33	8				As above		
						331'/100.89			
19°	100.33	100.62	29				As above, the units below this point have gradually become not calcareous		
	100.62	101.18	56				Claystone. Carbonaceous, black, coaly laminae up to 2mm. This unit is very coaly near the top and at the base. It is also broken in coaly zones.		
	101.18	101.63	45				Missing coaly claystone		
						336'/102.41			
	101.63	101.97	34				Missing (coal)		
	101.97	102.83	86				Sandstone fine grain, dark grey, carbonaceous, irregular calcite fractures, shearing associated with fracture. Generally massive, not calcareous.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7811 SHEET No: 17
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							(Note* Box 38 does not exist)		
							TOP OF BOX 39		
	102.83	103.10	27				Claystone, black, very carbonaceous and coaly with stringers up to 0.5CM		
						341'/103.94			
	103.10	103.17	7				As above. Coal band 1CM		
							The next measurements are generally siltstone with some interbands of sandstone and claystone up to 25 CM. generally competent and very dark grey, carbonaceous with a few coal lenses and stringers. Not calcareous.		
30°	103.17	104.64	147				As above. Coaly claystone broken at center, minor shearing associated with breaks.		
						346'/105.46			
	104.64	104.84	20				As above.		
							TOP OF BOX 40		
	104.84	106.07	123				As above		
						351'/106.98			
	106.07	107.00	93				As above		

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DENISON MINES LIMITED (COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7811 SHEET No: 18

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 41		
	107.00	107.69	69				As above		
						356'/108.51			
	107.69	109.04	135				As above		
							TOP OF BOX 42		
						361'/110.03			
	109.04	110.44	140				As above		
19°	110.44	110.66	22				Sandstone. Very fine to fine grain, dark grey, silty. Gradational from above. Silty bands up to 6CM. Gradually becomes sandier and fine grained toward base. Soft sediment deformation and bioturbation. Not calcareous		
						366'/111.56			
	110.66	110.99	33				As above		
							TOP OF BOX 43		
18°	110.99	112.12	113	107			As above		
						371'/113.08			
	112.12	112.76	64	61			As above		
	112.76	113.07	31	29			Missing rock		
	113.07	113.26	19	18			Siltstone, dark grey, clayey, coal stringers up to 3MM, almost massive.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7811 SHEET No: 19
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 44		
	113.26	113.89	63	60			As above		
						376'/114.60			
	113.89	114.06	17	16			As above		
18°	114.06	115.90	184	175			Coal loss	0 184	0
						381'/116.13			
						383'/116.74			
	115.90	116.84	94	89			Siltstone, dark grey, finely interbedded with very fine sandstone and claystone. Laminae usually less than 0.5CM. Minor irregular calcite filled fractures. Carbonaceous, not calcareous. Lystric carbonaceous surfaces across bedding. Minor shearing.		
						386'/117.65			
	116.84	117.17	33	31			Core loss, rock		
18°	117.17	117.43	26	25			As above.		
							TOP OF BOX 45		
16°	117.43	118.38	95	91			As above, some fine calcite filled fractures cutting across bedding (F.C.A. 65°). Becomes clayey at base.		
						391'/119.18			
	118.38	118.44	6				Claystone, black, very carbonaceous, core loss possibly coal		
						393'/119.79			
	118.44	118.55	11	10			C-3 very broken and sheared		
16	118.55	119.13	58	56			Coal loss		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7811 SHEET No: 20

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	119.13	120.10	97				Sandstone, very fine, dark grey, silty throughout, clayey near top and bottom. Carbonaceous with carblam making bedding and cross bedding distinct.		
							TOP OF BOX 47		
	120.10	120.18	8				Claystone, very dark grey silty with coal lenses and stringers up to 0.5CM occasionally. Gradational to silty sandstone above.		
						398'/121.31			
	120.18	120.68	50				As above.		
	120.68	121.37	69				Sandstone, very fine gradational from claystone above. Almost massive at top. Distinctly laminated and crossbedded at top.		
						401'/122.22			
	121.37	121.59	22				Core missing, rock		
21°	121.59	121.97	38				As above. Very fractured and calcite filled at base, brecciated slightly with calcite matrix.		
	121.97	122.50	53	≈0			Coal lost.		
	122.50	123.00	50				Claystone. Very carbonaceous, coaly with coal bands broken and at least 4CM thick, coal is C-1. Interval is silty at base.		
							TOP OF BOX 47		
	123.00	123.05	5				As above, silty		
						406'/128.75			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7811 SHEET No: 21
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	123.05	124.21	116				As above. Silty zones up to 17CM. Coaly laminae up to 0.5CM		
						411'/125.27			
	124.21	124.35	14				As above.		
	124.35	125.26	91				Siltstone. Dark grey, slightly carbonaceous, clayston bands up to 2CM. Minor calcite fractures near top. Gradational above and below.		
							TOP OF BOX 48		
	125.26	125.96	70				As above		
						416'/126.80			
	125.96	125.99	3				As above.		
	125.99	127.23	124				Claystone, silty in places, carbonaceous, coal lenses and laminae up to 3MM, very coaly. Slightly sheared zone near center.		
						421'/128.32			
	127.23	127.40	17				As above.		
							TOP OF BOX 49		
	127.40	128.30	90				As above. Not as coaly, no significant coal stringers or lenses.		
	128.30	128.87	57				Sandstone, very fine grain dark grey, massive, silty at top. Gradational from above.		
						426'/129.84			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7811 SHEET No: 22

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	128.87	129.83	96				As above. Becoming finely grained and slightly laminated.		
							TOP OF BOX 50		
	129.83	130.42	59				As above minor calcite fractures across bedding. (F.C.A. 67°)		
32°	130.42	131.66	124				As above, Becoming clayey in top half and still fairly massive. The bottom half becomes more laminated. The bottom 40CM has abundant coal stringers and lenses up to 2CM. Dirty appearance. Minor shearing along coaly stringers at the base sandstone is medium grey.		
	131.66	131.86	20				Claystone, very dark grey with coal laminated stringers up to 0.5CM very sandy and silty generally dirty with pebbles and fragments up to 0.5CM.		
						436'/132.89			
	131.86	131.87	5				As above.		
							TOP OF BOX 51		
	131.87	133.09	122				As above.		
	133.09	133.20	11				Sandstone and claystone as above very messed up core loss in zone.		
	133.20	133.41	21				Missing rock ↑ Gething ↓ Cadomin		
						441'/134.42			
	133.41	133.62	21				Conglomerate. Pebbles up to 2CM clayey matrix gradational from above. Interval broken. Core loss.		
						442'/134.72			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7811 SHEET No: 23
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	133.62	133.71	9				As above. Core loss.		
	133.71	134.02	31				Core missing rock		
	134.02	134.30	28				Conglomerate. Cobbles up to 20CM. Matrix generally coarse grained sandstone and small pebbles. Competent.		
							TOP OF BOX 52		
	134.30	135.36	106				As above.		
						447'/136.25			
	135.36	136.36	100				As above		
							TOP OF BOX 53		
						451'/137.46			
	136.36	137.75	139				As above		
						456'/138.99			
	137.75	138.29	54				As above, broken at base.		
							TOP OF BOX 54		
	138.29	138.66	37				As above.		
	138.66	138.92	26				Core missing, rock Cadomin / Nikanassin		
	138.92	139.44	52				Siltstone, medium grey very carbonaceous at top, very broken. Core loss massive.		
						461'/140.51			
	139.44	140.09	6.5				As above. Many fine irregular fractures throughout. Some with dolomite and soft claystone. Appears shattered but is competent unit.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7811 SHEET No: 24
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	140.09	140.79	70				Core Missing (claystone below)		
	140.79	141.08	29				Claystone. Very dark grey with brownish tones. Resistant. This section very fractured with dolomite filling. Very carbonaceous where very broken (core loss).		
						466'/142.04			
	141.08	141.29	21				As above competent, no fracturing, hard claystone.		
							TOP OF BOX 55		
54°	141.29	142.15	86				As above, minor carbonaceous lenses and strings up to 1MM		
						470'/143.26			
	142.15	142.68	53				As above.		
47°	142.68	143.24	56				Siltstone. Dark grey, clayey in places. Grades from above. Interbeds are gradational with slight soft sediment definition.		
							TOP OF BOX 56		
	143.24	143.58	34				As above. A few coal stringers up to 0.5CM. Minor shearing along coaly calcite surfaces. Slightly broken at base.		
	143.58	143.86	28				As above. Grades to claystone below.		
	143.86	144.93	107				Claystone. Very dark grey, carbonaceous, hard, coaly, stringer 1CM. Crossbedding. Some shearing particularly toward base where rock is broken.		
	144.93	145.23	30				Core missing.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7811 SHEET No: 25
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
						480'/146.30			
	145.23	146.59	136				As above, silty in places coaly stringers occasionslly.		
	146.59	147.18	59				As above.		
							TOP OF BOX 58		
	147.18	147.30	12				As above.		
	147.30	147.60	30				As above. Very silty.		
						491'/149.66			
	147.60	148.65	105				As above		
						496'/151.18			
	148.65	149.19	54				As above. Very coaly in top 10CM, slightly broken and sheared.		
	149.19	150.88	169				Core missing, rock		
							TOP OF BOX 59		
	150.88	151.20	32				As above. Top 15CM very coaly and very broken in places. Possible coaly claystone band 5CM thick.		
	151.20	151.67	47				Very fine sandstone. Very dark grey, laminated, cross bedded, calcareous, grades from claystone above. Section very silty.		
						501'/152.70			
40°	151.67	152.35	68				As above. Fine regular calcite fractures. Perpendicular to bedding (F.C.A. 55°)		

DENISON MINES LIMITED (COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7811 SHEET No: 25

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	152.35	152.94	59				Claystone as before. Silty near sandstone contact.		
							TOP OF BOX 60		
	152.94	153.26	32				As above. Coaly laminae 0.5CM		
						506'/154.23			
	153.26	154.57	131				As above, bottom 57CM very silty		
						511'/155.75			
	154.57	155.16	59				As above. Silty claystone, medium grey, no significant carbonaceous material.		
							TOP OF BOX 61		
29°	155.16	156.24	108				Silty, sandstone, as above, very fine sandstone interbeds in the bottom half. Crossbedded.		
						516'/157.28			
	156.24	157.28	104				Becomes very dark grey, claystone as above, very little carbonaceous material except at base where it is carbonaceous and broken.		
	157.28	157.38	10				Siltstone. Dark grey, some interbedded very fine sandstone and becomes medium to dark grey.		
							TOP OF BOX 62		
	157.38	157.78	40				As above, calcareous		
						521'/158.80			

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7811 SHEET No: 27
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	157.78	159.34	156				Claystone, very dark grey, grades from siltstone above. Calcareous, competent. No significant carbonaceous material.		
						526'/160.32			
	159.34	159.59	25				As above.		
							TOP OF BOX 63		
	159.59	159.83	24				As above.		
23°	159.83	160.83	100				Siltstone. Very fine, massive sandstone at top with minor silty interbands throughout. Very dark grey.		
						531'/161.85			
	160.83	161.41	58				Claystone, very carbonaceous and coaly, with shearing along coal surfaces. Broken throughout. Core loss		
	161.41	161.58	17				Claystone missing		
	161.58	162.12	54	≤0			Coal loss		
						534'/162.76			
	162.12	162.38	26				Claystone, dary grey to black, very carbonaceous, coaly and very silty. Contains many irregular dolomite lenses and stringers which are small fractures. The core is broken.		
							TOP OF BOX 64		
	162.38	163.01	63				As above. Top 20 CM contain dolomite stringers and lenses. The remainder is very silty material and competent.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7811 SHEET No: 28
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	163.01	163.15	14				Claystone, very coaly and broken at base, black.		
						539'/164.29			
	163.15	163.75	60				As above, coaly claystone with some irregular sheared lystric surfaces.		
						541'/164.90			
	163.75	164.62	87				Core missing (claystone)		
	164.62	164.67	5				As above		
						546'/166.42			
78°	164.67	165.17	50	44			Coal, C-2, very broken particularly near top. Minor sheared surfaces	50/210	24
	165.17	166.77	160	141			Coal missing		
						551'/167.94			
	166.77	166.87	10				Claystone, very coaly		
							TOP OF BOX 65		
	166.87	167.27	40				Claystone missing		
30°	167.27	168.43	116				As above, broken and very coaly near top and middle. The rest is fairly competent. Some dolomite stringers and lenses.		
						556'/169.47			
	168.43	169.31	88				As above, becomes very silty with many irregular dolomite filled fractures in the bottom 15 CM		
	169.31	169.41	10				Core missing, rock		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7811 SHEET No: 29
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 66		
	169.4	169.89	48				As above, claystone, very carbonaceous, silty with irregular dolomite filled fractures.		
						561'/170.99			
	169.89	170.24	35				Coal missing		
	170.24	170.57	33				Core missing (coaly claystone, C-4)		
	170.57	170.84	27				As above, very coaly, sheared and broken.		
33°	170.84	171.50	66				Siltstone, very dark grey, clayey, grading from above, calcite fractured filling, irregular (Identical to the dolomite filled fractures.)		
						566'/172.52			
	171.50	172.06	56				As above.		
							TOP OF BOX 67		
	172.06	172.99	93				As above.		
						571'/174.04			
	172.99	173.89	90				As above, becoming sandy broken at top and bottom. Many irregular calcite filled fractures. As there are throughout this unit.		
							TOP OF BOX 68		
	173.89	175.46	157				As above, becomes more carbonaceous and coaly toward the base and clayey.		
						579'/176.48			
							END OF HOLE		

Form 71-0150-R04

PR . BELLEQUANT 78(3)B

OPEN FILE

GEOLOGICAL BRANCH
ASSESSMENT REPORT

00 463

B E L C O U R T P R O J E C T

GEOLOGICAL REPORT

MARCH 1979

APPENDIX II

DESCRIPTIVE LOGS

PART 3 of 3
(BD 7812 - BD 7816)

DENISON MINES LIMITED
COAL DIVISION
VANCOUVER, B.C.

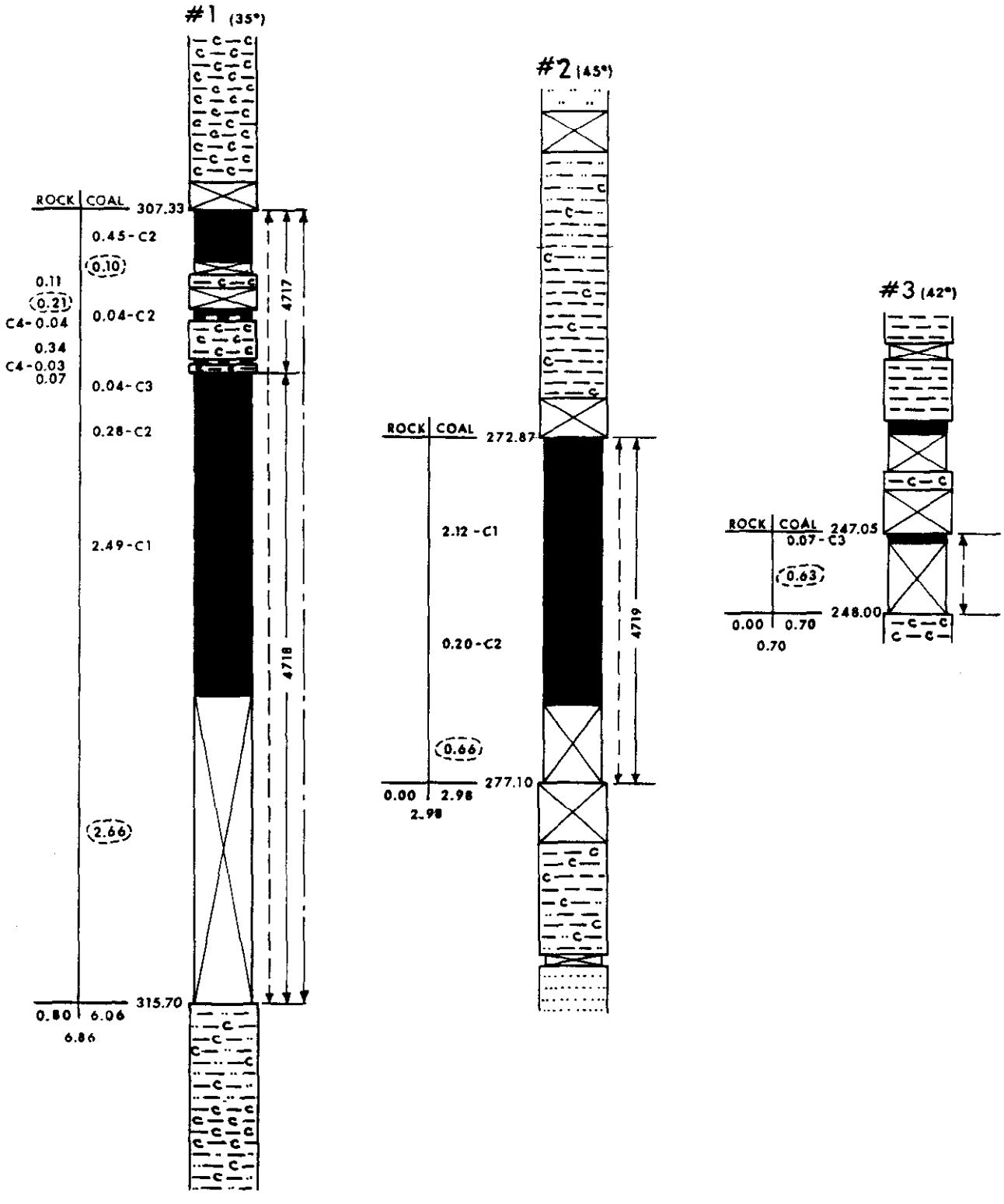
BELCOURT PROJECT

MINING SECTION SUMMARY

Hole No. BD 7812 Bearing 215° Angle 55° Total Depth 401.98 m

Coordinates 57590.33 N - 59712.41 E Collar Elevation 1322.96 m

Seam	Zone	Elevation (base)	Drilled Interval	True Thickness	Coal/Rock	Core Recovery%	Sample I.D.
1		1064.35	307.33 - 315.70	6.86	6.06/0.80	56.6	4717-4718
2		1095.97	272.87 - 277.10	2.98	2.98/0.00	78.0	4719
3		1119.81	247.05 - 248.00	~~0.70~~	0.70/0.00	10.0	
	6	1173.46	178.54 - 182.50	3.04	1.74/1.30	69.7	4720
	6	1186.57	164.20 - 166.50	1.63	1.61/0.02	92.6	4721
	7	1218.27	126.98 - 127.80	~~0.58~~	0.58/0.00	60.3	
	8	1252.10	85.10 - 86.50	~~1.00~~	1.00/0.00	12.0	
				16.79			



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

} BASED ON VISUAL ESTIMATES

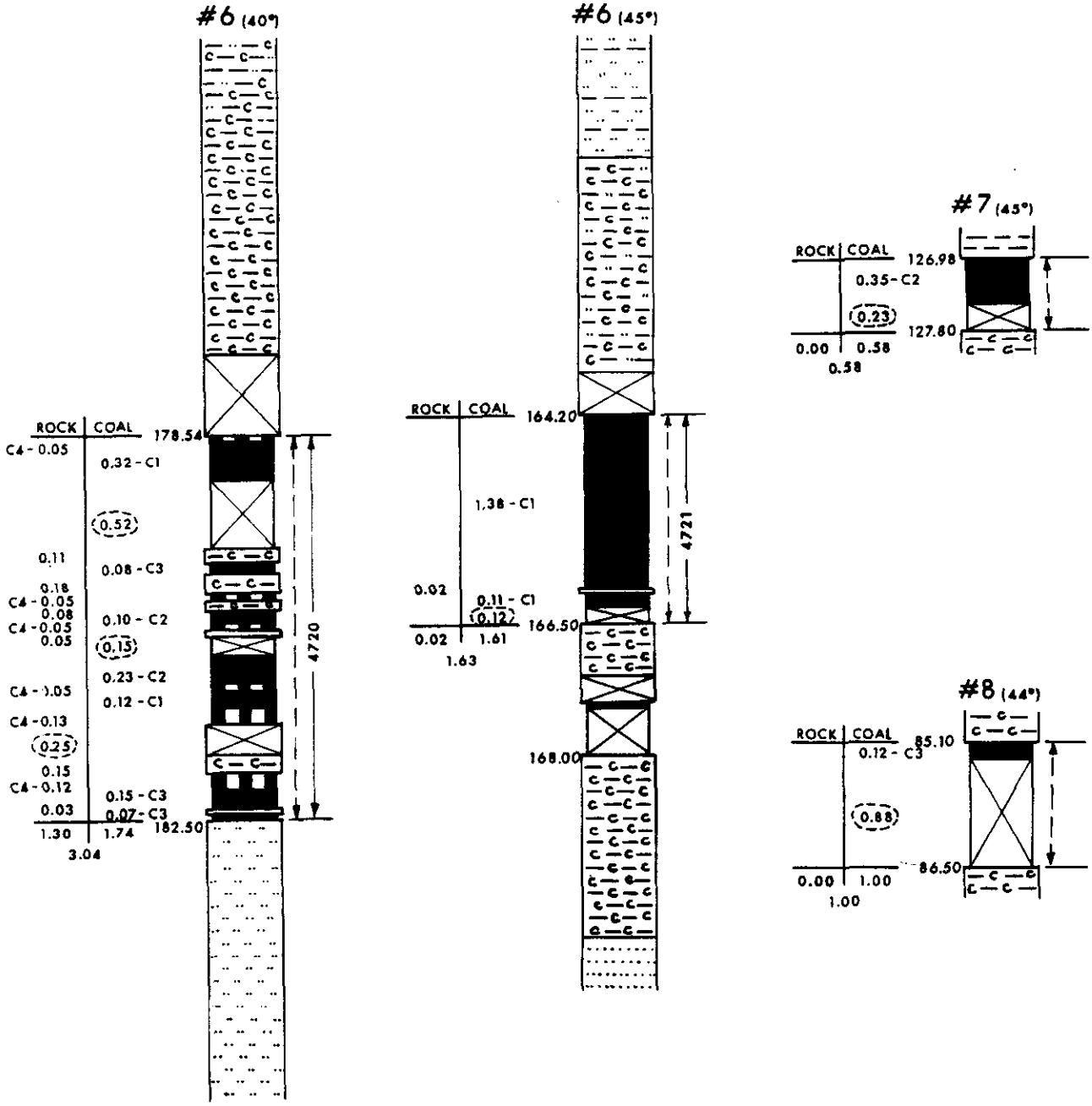
- C4 COAL >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE
- MINING SECTION
- SAMPLE INTERVAL & NUMBER
- COMPOSITE SAMPLE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

BELCOURT

SEAM DETAILS
BD 7812

DRAWN BY: R.C.	DATE: FEB. 1979	SCALE: 1 : 50
PREPARED BY: I.D.	DATE: " "	DRAWING NUMBER
APPROVED BY: G.P.G.	DATE: " "	BLCR 79-0827-RD1



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

BASED ON VISUAL ESTIMATES

- C4 COAL >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE
- MINING SECTION
- SAMPLE INTERVAL & NUMBER
- COMPOSITE SAMPLE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

BELCOURT
SEAM DETAILS
BD 7812

DRAWN BY: R.C.	DATE: FEB. 1979	SCALE: 1 : 50
PREPARED BY: I.D.	DATE: " "	DRAWING NUMBER
APPROVED BY: G.P.G.	DATE: " "	BLCR 79-0827-R01

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7812 SHEET No: 1
DATE BEGUN: _____ DEPTH: _____ BEARING: 215 U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: 401.98 COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: 55° LOGGED BY: Johnson/DeLas CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	0.0	29.16	29.16				Casing		
							TOP OF BOX 1		
							Overburden		
							TOP OF BOX 2		
							Overburden		
							TOP OF BOX 3		
47°	29.16	30.22	106				siltstone, dark grey, interbedded with very fine sandstone (lam.1CM) minor soft sediment deformation. broken slightly, probably due to weathering.		
						105'/32.00			
		31.00	78				as above, become sandier, with very fine sandstone bands up to 10CM		
							TOP OF BOX 4		
		32.68	168				as above, sandier with a 5CM coarse grain sandstone band at base		
		32.88	20				sandstone medium to coarse grain, dark grey mass.		
							TOP OF BOX 5		
55°		33.18	30				as above, becoming slightly laminated.		
						115'/35.05			

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7812 SHEET No: 2
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		34.65	147				as above		
							TOP OF BOX 6		
		36.33	168				as above, becomes very coarse grained to medium grained in places. 75CM from top the core is very broken. core loss. the core is fairly broken throughout this box.		
		37.24	91				core loss		
							TOP OF BOX 7		
55°		39.00	176				as above. distinctly laminated at top. distinct crossbed near center.		
						134'/40.84			
		39.15	15				as above.		
							TOP OF BOX 8		
		41.20	205				as above massive and laminated. medium grain		
							TOP OF BOX 9		
		42.08	88				as above. massive. near bottom carbonaceous stringers and lenses and slightly sheared fractured. some clayey pebbles up to 2CM long.		
						145'/44.20			
		43.13	105				as above. becomes very coarse grained at base. a couple of coal laminae 50 cm from base (where very coarse grain sandstone starts)		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7812 SHEET No: 3
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 10		
		45.13	200				as above. continues massive and very coarse grained, particularly in bottom two thirds.		
						155'/47.24			
							TOP OF BOX 11		
		47.27	214				as above. massive coarse grain to very coarse grain medium to light grey		
							TOP OF BOX 12		
		48.16	89				As above. coaly laminae at top with fine sandstone		
						165'/50.29			
		49.38	122				as above.		
							TOP OF BOX 13		
		49.98	60				as above. quite broken with some small (0.5CM) pebbles 70CM from base. Probable core loss near contact with siltstone below.		
	49.98	50.36	38				siltstone, dark grey massive. some faint indication of bedding but soft sediment deformation and bioturbation.		
						172'/52.43			
		51.30	94				as above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7812 SHEET No: 4
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 14		
		52.07	77				as above		
						178'/54.25			
		53.30	123				as above		
							TOP OF BOX 15		
		53.96	66				as above		
						185'/56.39			
		55.31	135				as above. slightly broken toward base with minor dolomite fracture		
							TOP OF BOX 16		
		55.76	45				as above		
		57.24	148				claystone, dark grey and silty. bedding can be distinguished in silty zones. Bottom 38cm very silty.		
						195.2'/59.50			
							TOP OF BOX 17		
45°		59.32	208				as above. less silty		
							TOP OF BOX 18		
		60.28	96				as above		
						205.5'/62.64			
		61.26	98				as above		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7812 SHEET No: 5
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 19		
		61.61	35				as above.		
	61.61	61.81	20				coaly claystone. shaley coal in places core loss		
	61.81	62.21	40				core loss (coaly claystone)		
						211'/64.31			
		62.37	16				as above. continues carbonaceous not as coaly.		
						211.5'/64.47			
		62.49	12				as above. carbonaceous claystone		
		62.81	32				claystone as before very dark grey		
						213'/64.92			
		63.51	70				as above. massive.		
							TOP OF BOX 20		
		63.74	23				as above.		
						216'/65.84			
		65.04	130				as above. grades to siltstone below		
47°		65.54	50				siltstone, dark grey massive with some visible soft sediment deformation		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7812 SHEET No: 6

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 21		
		66.79	125				as above. includes a few light tan, grey concretions up to 5 cm, parallel to bedding. minor carbonaceous stringers with calcite		
						226'/68.88			
		67.64	85				as above. with concretions near top, becomes very clayey.		
							TOP OF BOX 22		
43°		69.41	177				as above. still slightly clayey		
		69.84	43				core loss		
						236'/71.93			
		70.09	25				as above. broken (core loss?)		
							TOP OF BOX 23		
		72.22	213				as above		
							TOP OF BOX 24		
46°		72.90	68				as above		
						246'/74.98			
		74.26	136				as above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7812 SHEET No: 7

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 25		
	74.26	75.34	108				as above. minor shearing and broken 25 CM from top. also broken at base. some dolomite associated with shear.		
						254'/77.42			
		76.19	85				as above. becoming sandy. massive.		
							TOP OF BOX 26		
		78.11	192				as above. sandy, generally massive some bedding toward base indicated by carbonaceous material. Minor dolomite fractures with minor shears.		
							TOP OF BOX 27		
		78.40	29				as above. sandy		
						264'/80.47			
		79.36	96				as above. sandy (continuous)		
						267'/81.38			
52°		80.14	78				as above.		
							TOP OF BOX 28		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7812 SHEET No: 8
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	80.14	81.97	183				as above. carbonaceous material and coarseness are gradually increasing		
						276'/84.12			
		82.26	29				as above.		
							TOP OF BOX 29		
		84.19	193				as above. very sandy with abundant carbonaceous material.		
						283'/86.26			
							TOP OF BOX 30		
		84.43	24				as above.		
	84.43	84.61	18				claystone, black, carbonaceous, coaly. shearing along coaly surfaces fractured. core loss.		
	84.61	85.10	49				claystone loss		
	85.10	85.27	17	12			coal, C-3. very broken and sheared. no distinct lamination		
44°	85.27	86.50	1.23	88			coal loss		
						288'/87.78			
	86.50	87.55	105				claystone - very carbonaceous at top, to carbonaceous throughout. bottom 30 CM very silty and only slightly carbonaceous. Black. listric carbonaceous surfaces.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7812 SHEET No: 9

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	87.55	87.78	23				siltstone gradational from above. very dark grey, slightly carbonaceous, calcareous, clayey		
							TOP OF BOX 31		
39°		88.16	38				as above. becomes interbeded with very fine sandstone up to 1CM some carbonaceous laminae make bedding distinct. some clayey siltstone bands up to 4CM		
						296'/90.22			
		88.56	40				as above. a 5CM, very carbonaceous claystone 10CM from base.		
		88.77	21				claystone medium grain. some black zones. very slightly carbonaceous with some black zones very carbonaceous. soft and competent		
						298'/90.83			
		89.64	87				as above		
							TOP OF BOX 32		
		90.98	134				as above		
						306'/93.27			
		91.50	52				as above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7812 SHEET No: 10
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		91.59	9				claystone, coaly		
		91.65	6				coal C-2 broken		
							TOP OF BOX 33		
		91.72	7				coal as above		
		92.02	30				coal lost		
		92.07	5				coal		
						309'/94.18			
		92.33	26				claystone very dark silty, carbonaceous		
47°		93.76	143				sandstone, very fine to fine grain, dark grey, carbonaceous distinctly laminated with carbonaceous laminations, coal lens and stringers up to 2 MM, 20 CM very carbonaceous claystone 30 CM from base, broken at base with calcite fractures.		
		94.26	50				core missing. rock		
						316'/96.32			
		94.39	13				as above		
							TOP OF BOX 34		
45°		96.45	206				as above. laminated plus cross bedded, becomes silty toward base with soft sediment deformation. unit becomes calcarious toward base and continues, minor shearing along carbonaceous laminations occasionally.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7812 SHEET No: 11
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 35		
		97.11	66				as above, top and bottom claystone		
						325.5'/99.21			
		97.84	73				as above, clayey sandstone		
						328'/99.97			
		98.51	67				as above, fine grained bands up to 8 CM, soft sediment deformation and bioturbation.		
44°		100.57	206				as above, fine to medium grain sandstone, laminated and cross bedded, calcarious, a few calcite fractures parallel to bedding.		
							TOP OF BOX 37		
		102.57	200				as above, gradually becoming fine grained to base with 10 CM. very fine band at base		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7812 SHEET No: 12

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 38		
		103.36	79				as above. very fine and fine grain sandstone, soft sediment deformation and bioturbation.		
						346'/105.46			
		103.79	43				as above. not soft sediment deformed		
		104.48	69				claystone. very dark grey, carbonaceous, broken and coaly in centre coal stringers up to 3MM thick		
		104.93	45				claystone lost		
							TOP OF BOX 39		
		106.52	159				as above, only slgihtly carbonaceous, medium grey and silty 10CM from base coaly stringer 4MM and 2 CM sandstone band		
		106.95	43				as above. silty claystone		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7812 SHEET No: 13
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 40		
	106.95	107.26	31				as above		
48°	107.26	108.96	170				siltstone - gradational from above, clayey throughout, with very fine sandstone bands up to 4CM thick, dark grey, calcareous.		
							TOP OF BOX 41		
		109.50	54				claystone, dark grey, slightly carbonaceous, minor coaly lens and stringers		
						366'/111.56			
		110.34	84				as above. becomes slightly more carbonaceous with coaly stringers up to 4MM silty at base and grades to siltstone below		
		110.98	64				siltstone, medium grey, massive with some sandstone beds up to 1CM, calcareous, minor carbonaceous material		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7812 SHEET No: 14
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 42		
		112.52	154				as above, broken 50 CM from top		
						376'/114.60			
		112.90	38				as above, becoming sandy with soft sediment deformation.		
							TOP OF BOX 43		
40°		113.02	12				as above		
		113.57	55				sandstone, medium grey, laminated and cross bedded, fine grained, calcareous, unit broken at base. core loss.		
		114.02	45				core lost		
						380'/115.82			
		115.44	142				siltstone, medium grey, massive.		
							TOP OF BOX 44		
		115.80	36				as above		
						386'/117.65			
43°		116.18	38				as above. slightly laminated with light tan grey concretions.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7812 SHEET No: 15
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							BOX 44 cont'd		
		117.03	85				claystone very dark grey, gradational from above, very carbonaceous, 25 CM from top, with coal laminae up to 3MM, also, 10 CM from bottom calcareous.		
						391'/119.18			
		117.38	35				as above. becomes silty and medium to dark grey, slightly carbonaceous and calcareous.		
							TOP OF BOX 45		
		118.17	79				as above. remains silty - grades to siltstone below		
50°		118.67	50				siltstone, dark grey, slightly carbonaceous, calcareous, clayey with claystone bands up to 4CM. bedding indistinct.		
						396'/120.70			
		119.46	79						

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7812 SHEET No: 16
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 46		
64°		121.55	209				as above		
							TOP OF BOX 47		
49°		122.79	124				as above - some very fine sandstone laminae, with clay bands up to 1.5 CM toward base, grades to unit below.		
		123.74	95				claystone, dark grey, brown grey, in silty bands, very silty throughout, calcareous, soft sediment deformation, carbonaceous.		
							TOP OF BOX 48		
45°		124.86	112				as above.		
						416'/126.80			
		125.99	113				as above, less siltstone toward base, coal lens and stringers up to 3 MM - 30 CM from bottom.		
							TOP OF BOX 49		
		126.98	99				as above. coaly at base		
	126.98	127.47	49				coal - C-2 fractured. some shearing, dull massive coal, broken		
	127.47	127.80	33				coal loss		
	127.80	127.88	8				claystone, very coaly, very sheared.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7812 SHEET No: 17
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							BOX 49 cont'd		
						426'/129.84			
	127.88	128.36	48				claystone, dark grey, carbonaceous, top 20 CM broken		
		128.71	35				core lost		
							TOP OF BOX 50		
		129.87	116				as above. more carbonaceous with coal laminae up to 1CM		
		129.95	8				coal - very fine fragmented, possible core loss		
		130.15	20				coal loss		
		130.37	22				claystone, very dark, carbonaceous top 5CM very carbonaceous, coaly.		
		130.93	56				claystone, medium grey, carbonaceous, massive to banded toward base, silty, top 25 CM are competent but soft and sheared		
						436'/132.89			
							TOP OF BOX 51		
		131.09	16				as above.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: 7812 SHEET No: 18
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							BOX 51 (cont'd)		
	131.09	133.02	193				siltstone, medium to dark grey, gradational from above, clayey throughout with clay bands up to 5CM, sandstone laminae to base with only minor claystone laminae.		
							TOP OF BOX 52		
45°		133.98	96				sandstone, very fine, medium to dark grey, gradational from above, rock contains calcite.		
						446'/135.94			
		134.76	78				as above.		
	134.76	135.15	39				claystone, very dark grey to black, very carbonaceous.		
							TOP OF BOX 53		
		137.24	209				as above, silty to base and less carbonaceous, 5CM coaly zone 100 CM from top.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7812 SHEET No: 19
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 54		
		139.38	214				as above, bottom 130CM is medium grey and appears slightly sheared throughout, softer, zone is competent, change in color probably due to shearing.		
		140.01	63				core loss		
							TOP OF BOX 55		
		140.23	22				as above		
						466'/142.04			
		140.37	14				as above, very dark and carbonaceous		
55°		142.02	165				siltstone, gradational from above, dark grey clayey throughout with very fine sandstone bands up to 2 CM, some soft sediment deformation and bioturbation, carbonaceous and calcareous.		
							TOP OF BOX 56		
		142.70	68				as above, light brownish grey near top and bottom		
		143.09	39				claystone, dark grey, carbonaceous, gradational from above.		
						476'/145.08			

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7812 SHEET No: 20
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							BOX 56 cont'd		
60°	43.09	144.03	94				as above, very silty toward base.		
							TOP OF BOX 57		
		144.54	51				as above, very silty, coal lens 3 MM		
44°		145.46	92				sandstone, very fine, silty throughout, gradational above and below, dark grey, some calcite fractures, subparallel (F.C.A. 75°)		
		146.03	57				claystone, dark grey, very silty at top, silty throughout.		
							TOP OF BOX 58		
		146.15	12				as above, becomes massive and lighter in colour, very little carbonaceous material.		
						486'/148.13			
		146.87	72				as above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7812 SHEET No: 21
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							BOX 58 (cont'd)		
		148.16	129				siltstone, very sandy top half, bottom half contains claystone bands up to 3CM, dark grey and carbonaceous		
							TOP OF BOX 59		
		148.31	15				as above.		
		149.20	89				sandstone, very fine, dark grey, carbonaceous, some fine sandstone laminae up to 1CM, silty throughout, gradational above and below.		
						496'/151.18	(rock continues to be calcareous)		
		149.40	20				as above		
45°		150.29	89				siltstone, very dark grey brownish grey, very clayey, minor coal laminae up to 1MM		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7812 SHEET No: 22
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 60		
	150.29	151.65	136				as above 30 CM sandy zone 12 CM from top a few coal laminae up to 3MM very clayey throughout.		
	151.65	152.22	57				sandstone, very fine, medium grey to dark grey, fine sandstone inbeds up to 3 CM, silty carbonaceous, transition from siltstone above to fine sandstone below.		
						506'/154.23			
		152.30	8				as above.		
							TOP OF BOX 61		
55°		154.53	223				as above 14 CM from top sandstone becomes fine grained distinctly laminated and fine cross bedded, black carbonaceous laminae throughout, decreasing to base, medium grey		
							TOP OF BOX 62		
		155.22	69				as above, almost massive, with coaly stringers up to 2 mm,		
						516'/157.28			
49°		156.61	139				as above laminated with some bioturbation		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7812 SHEET No: 23
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 63		
	156.61	157.13	52				as above, silty in places		
		158.30	117				siltstone, with bands of claystone and sandstone up to 1CM very dark grey, and carbonaceous, some soft sediment deformation.		
						526'/160.32			
		158.56	26				as above		
							TOP OF BOX 64		
45°		160.61	205				as above.		
							TOP OF BOX 65		
		161.24	63				as above very clayey grades to claystone below		
		161.46	22				claystone, silty brownish grey to dark grey, carbonaceous, coal stringer less than 1mm		
						536'/163.37			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7812 SHEET No: 24
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							BOX 65 (cont'd)		
	161.46	162.66	120				as above, 40CM from base there is a 20Cm coaly claystone band, with coal laminae up to 3mm. claystone becomes silty at base.		
							TOP OF BOX 66		
		163.69	103				as above, top 40 cm silty and competent, becomes very carbonaceous and coaly and broken at bottom half. core loss, minor shearing.		
		164.20	51				core loss		
						546'/166.44			

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7812 SHEET No: 25

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							BOX 66 (cont'd)		
						546'/166.44			
	164.20	165.10	90	64			C-1 dull coal durain		
							TOP OF BOX 67		
	165.10	166.14	104	74	472'		C-1 as above.		
	166.14	166.17	3	2			claystone carbonaceous		
	166.17	166.33	16	11			C-1 as before		
	166.33	166.50	17	12			coal loss		
						553'/168.55			
	166.50	167.10	60	42			claystone carbonaceous (plant fragments) broken at base.		
	167.10	167.40	30	21			claystone loss		
	167.40	167.45	5	4			coal highly broken, ground		
	167.45	168.00	55	39			coal loss		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE NO: 7812 SHEET No: 26
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 68		
						556'/169.47			
	68.00	169.86	186				claystone, very dark grey, top 19 cm very carbonaceous and coaly, with coal stringers up to 3 mm, very irregular and indistinct bedding, indicated by brownish grey zones, a few light brownish grey concretions. 1 cm in diameter, rock broken with minor shearing toward base.		
							TOP OF BOX 69		
		170.37	51				as above, bottom 20 cm very silty transition to sandstone below.		
51°	170.37	170.54	17				sandstone, dark grey, silty to fine grain irregular calcite fractures.		
		171.97	143				as above, distinctly laminated and crossbedded , fine grained, many irregular calcite fractures in top 20 cm.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7812 SHEET No: 27
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 70		
	171.97	173.48	151				as above		
						576'/175.56			
		173.97	49				as above		
							TOP OF BOX 71		
32°		174.77	80				as above, carbonaceous laminae, bottom 8CM very silty, minor calcite fracture.		
	174.77	176.05	128				claystone, carbonaceous and silty in top half, bottom 20 cm very coaly and broken, core loss dark grey with some light brown bands at top.		
							TOP OF BOX 72		
		176.20	15				as above, coaly claystone		
						586'/178.61			

DENISON MINES LIMITED
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DIAMOND DRILL CORE LOG

HOLE No: BD 7812 SHEET No: 28
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							BOX 79 cont'd		
		177.76	156				as above, very carbonaceous, with a few coal laminations up to 1.5 cm, 45 cm from bottom coaly claystone and broken, unit broken throughout.		
		178.54	78				claystone loss		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7812 SHEET No: 29
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 73		
	178.54	178.60	6	5	4720		C-4, highly broken		
	178.60	179.02	42	32			C-1		
	179.02	179.70	68	52		596'/181.66	coal loss		
	179.70	179.84	14	11			claystone, coaly, sheared, highly broken.		
	179.84	179.94	10	8			C-3, broken, partly sheared		
	179.94	180.09	15	11			claystone, as before		
40°	180.09	180.18	9	7			claystone, carbonaceous with sandy bands and coal inclusions at base		
	180.18	180.24	6	5			C-4		
	180.24	180.35	11	8		599'/182.57	claystone as before (sandy)		
	180.35	180.48	13	10			C-2		
	180.48	180.54	6	5			C-4		
	180.54	180.60	6	5			claystone, coaly, highly broken		

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DIAMOND DRILL CORE LOG

HOLE No: BD 7812 SHEET No: 30
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Box 73 cont'd		
	80.60	180.80	20	15			coal loss		
	80.80	181.10	30	23			C-2		
	81.10	181.16	6	5			C-4		
	81.16	181.32	16	12			C-1		
	81.32	181.34	2	2	4720		C-4		
40°							TOP OF BOX 74		
	81.34	181.49	15	11			C-4 (as above)		
	81.49	181.81	32	25			claystone loss		
	81.81	182.01	20	15			claystone coaly		
	82.01	182.17	16	12			C-4		
	82.17	182.37	20	15			C-3		
	82.37	182.41	4	3			claystone, coaly		
	82.41	182.50	9	7			C-3		
		182.65	15				siltstone, medium dark grey with carbonaceous fragments, massive competent, not calcareous.		
						606'/184.71			
		183.83	118				siltstone, light grey very fine grained compact massive.		

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DENISON MINES LIMITED
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DIAMOND DRILL CORE LOG

HOLE No: BD 7812 SHEET No: 31
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 75		
	183.83	185.38	155				as above		
		185.81	43				sandstone, very fine, silty, gradational from above and below, medium grey, not calcareous		
		186.00	19				claystone, medium grey, silty, not calcareous		
							TOP OF BOX 76		
52°		188.10	210				as above, remains silty with some sand, becomes dark grey and clayey in places, sandy at base where it grades to siltstone below, slightly laminated		
							TOP OF BOX 77		
	188.10	189.03	93				siltstone, with very fine sandstone, dark grey, laminated and cross-banded and soft sediment deformation, minor shearing with associated calcite along carbonaceous laminae, calcareous, slightly carbonaceous.		
						626'/190.80			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7812 SHEET No: 32

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 77 cont'd		
	189.03	190.09	106				As above		
							Top of Box 78		
40°	190.09	191.81	172				Sandstone fine grained, laminae and cross bedded, coal laminae and stringers up to 2 mm, medium to dark grey, calcareous.		
						636/193.85			
	191.81	191.92	11				As above		
							Top of Box 79		
		193.98	206				As above top 2/3 not distinctly laminated, almost massive, at centre 18 cm very carbonaceous, and very fine grained zone.		
							Top of Box 80		
		194.81	85				As above, laminated and massive minor shear along carbonaceous stringer.		
						646/196.90			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7812 SHEET No: 33
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							BOX 80 cont'd		
		195.97	116				as above		
							TOP OF BOX 81		
		198.03	206				as above		
							TOP OF BOX 82		
		200.10	207				as above, bottom two thirds medium grey		
							TOP OF BOX 83		
		200.84	74				as above		
						666'/203.00			
		202.20	136				as above		
							TOP OF BOX 84		
		202.61	41				as above, coarse grained		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7812 SHEET No: 34
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							BOX 84 cont'd		
		203.82	121				as above fine grained to very fine grain, carbonaceous with coal stringers up to 3 mm		
						676'/206.04			
		204.15	33				as above with coaly stringers and lens up to 1 cm at top, fine grained		
							TOP OF BOX 85		
50°		206.04	189				as above, fine grain sandstone becomes coarse grained in bottom 22 CM, minor carbonaceous material with stringers 3mm thick		
							* next several measurements of sandstone have coal lens and stringers sometimes parallel to bedding, up to 2 cm, with one band possibly three to 4 CM, coarse grain and very coarse grain in top with some small pebble bands 5 cm thick, pebbles up to 0.5 cm		
		206.27	23				As above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7812 SHEET No: 35
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 86		
		206.88	61			686'/209.09	as above		
		208.20	132				as above		
							TOP OF BOX 87		
		209.76	156			696'/212.14	AS ABOVE		
		210.07	31				as above		
							TOP OF BOX 88		
		211.53	146				as above the end of the coaly zone sandstone becomes medium grain laminae as before.		
38°		212.15	62				as above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7812 SHEET No: 36
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 89		
		212.75	60				as above		
						706'/215.19			
		214.24	149				as above, coal stringers at centre, then coarse to very coarse grain at base with scattered pebbles up to 1cm.		
							TOP OF BOX 90		
		215.87	163				as above, very coarse grain sandstone ends 24 cm from top		
		216.39	52				as above.		
							TOP OF BOX 91		
		216.93	54				as above, coarse grain to very coarse grain at base.		
		217.53	60				conglomerate, pebbles up to 1.5 cm coarse zone of above sandstone, silty and coal stringers at base.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7812 SHEET No: 37
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							BOX 91 (cont'd)		
	217.53	218.03	50				silty, very fine sandstone as before, contact with conglomerate is soft sediment deformation, also laminae in top sandstone		
		218.13	10				conglomerate, pebbles up to 1.5 cm		
		218.52	39				sandstone, fine to medium grain, massive, medium grey as before with a coal lens 0.5 mm thick a few smaller coal stringers.		
							TOP OF BOX 92		
		218.69	17				as above, bottom 6 cm broken, irregular		
						726'/221.28			
		220.47	178				as above, top 35 cm broken with irregular coal stringers and lens less than 1 mm.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7812 SHEET No: 38
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 93		
		221.66	119				as above, clean medium grain sandstone, laminated and cross bedded		
						736'/224.33			
44°		222.55	89				as above		
							TOP OF BOX 94		
		223.81	126				as above medium to very coarse grain		
		224.60	79				as above and conglomeritic very coarse grain to pebbles up to 0.5 cm. gradational contacts		
							TOP OF BOX 95		
		224.69	9				conglomerate - as above		
						746'/227.38			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7812 SHEET No: 39
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							BOX 95 cont'd		
		225.59	90				conglomerate, with coarse grain sandstone bands up to 4 cm pebbles up to 2 cm a couple coal lens up to 0.5 cm.		
		226.62	103				sandstone, medium grain as before with couple of narrow pebbly zones, some fine grain sandstone interbanded, coal stringers less than 3 mm a couple about 1 cm thick.		
	226.62	226.69	7				sandstone, grey to dark grey, very fine to fine grain, laminated, carbonaceous laminations occur with a few irregular coal stringers, similar to previous sandstone except for size.		
							TOP OF BOX 96		
		227.74	105				as above		
41°						756'/230.43			
		228.77	103				as above, becomes fine grained at base with a few irregular calcite fractures.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7812 SHEET No: 40
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 97		
		230.75	198				as above		
						766'/233.48			
		230.83	8				as above		
		230.92	9				conglomerate - pebbles up to 2 cm diameter. coarse grain, grey sandstone matrix. sandy bands up to 10 cm, a few irregular coal lens and stringers.		
							TOP OF BOX 98		
		233.05	213				as above		
							TOP OF BOX 99		
		233.79	74				as above		
						776'/236.52			
		235.28	149				as above.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7812 SHEET No: 41
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 100		
		235.47	19				as above		
		235.85	38				sandstone, coarse grain, grey, many coal stringers and lens sub parallel to bedding, rock continues slightly calcite.		
		236.37	52				conglomerate as before		
38°		237.01	64				sandstone, fine to coarse grain, interbanded, laminated, grey, top 30 cm scattered pebbles up to 1.5 cm, pebbly zones up to 5 cm continuous throughout , coaly stringers and lens throughout, particularly where its fine grained.		
						786'/239.57			
		237.42	41				as above		
							TOP OF BOX 101		
		239.54	212				as above.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7812 SHEET No: 42
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 102		
		240.23	69				as above, top 13 cm conglomerate with sandy matrix		
		241.30	107				as above		
		241.52	22				conglomerate, pebbles up to 2 cm as before, few coal stringers		
							TOP OF BOX 103		
		242.48	96				as above		
		242.76	28				sandstone, fine to coarse grain, grey, laminated		
41°	242.76	243.26	50				siltstone, very dark grey, with claystone interbands up to 2 cm, transitional to unit below, broken with lystric carbonaceous surface in top half, small irregular calcite filled fractures.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7812 SHEET No: 43

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							BOX 103 cont'd		
		243.69	43				claystone, silty bands up to 3 cm near top, very dark grey to black, silty zones calcite, slightly broken.		
							TOP OF BOX 104		
	243.69	244.80	111				as above		
	244.80	245.00	20	15			coal loss		
						808'/246.28			
	245.00	245.70	70	51			claystone as above, slightly silty.		
	245.70	245.76	6	4			coal, C-1 broken loss		
						816'/248.72			
	245.76	245.85	9	7			coal C-1		
	245.85	246.30	45	33			coal loss		
	246.30	246.52	22	16			claystone, very coaly		
	246.52	247.05	53	39			claystone loss		
	247.05	247.14	9	7			coal C-3		
	247.14	248.00	86	63			coal loss		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7812 SHEET No: 44

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							BOX 104 cont'd		
						820.5'/250.09	(from 816 core is very broken- core loss)		
	248.00	248.12	12				claystone, coaly		
							TOP OF BOX 105		
		248.27	15				coaly claystone, listric coaly, surface, minor shearing broken, fault		
		248.71	44						
						821'/			
		249.01	30				claystone, coaly as above with listric surface, broken		
	249.01	250.01	100				claystone, very dark grey to black, silty carbonaceous.		
						826'/251.96			
46°		250.22	21				as above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7812 SHEET No: 45
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 106		
		250.44	22				as above		
		252.30	186				siltstone, very dark grey, with claystone bands up to 10 cm, very clayey throughout, gradational above and below.		
						836'/254.81			
							TOP OF BOX 107		
		253.23	93				as above		
38°		254.45	122				claystone, very silty throughout, slightly carbonaceous very dark grey to black, coal lens at base up to 1 cm thick.		
							TOP OF BOX 108		
		255.57	112				as above - more carbonaceous bottom 42 cm broken coaly at base		
	255.57	256.02	43				coal loss		
						846'/257.86			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7812 SHEET No: 46
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							BOX 180 cont'd		
	256.02	256.26	26				claystone, very carbonaceous and coaly, bioturbations, carbonaceous material, irregular throughout. no bedding.		
42°	256.26	256.56	30				siltstone, laminated with soft sediment deformation, occasional bioturbations, claystone laminae, usually less than 2 cm. very fine sandstone laminae. less than 0.5 cm, dark grey calcite.		
							TOP OF BOX 109		
		258.53	197				as above.		
						856'/260.91			
		258.67	14				as above		
							TOP OF BOX 110		
41°		260.80	213				as above.		
							TOP OF BOX 111		
		261.62	82				as above		
						866'/263.96			
		262.90	128				as above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7812 SHEET No: 47
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 112		
34°		264.85	195			876.2'/267.07	as above		
		264.97	12				as above		
							TOP OF BOX 113		
		265.41	44			879'/267.92	as above		
		267.00	159				as above		
							TOP OF BOX 114		
		267.29	29			886'/270.05	as above		
40°		269.09	180				as above, becoming clayey		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7812 SHEET No: 48
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 115		
		269.14	5				as above		
		269.60	46				core missing		
		270.69	109				claystone, very dark grey and silty, gradational from above, carbonaceous with coaly laminae and lens up to 3 mm		
						896'/273.10			
		271.64	95				as above.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7812 SHEET No: 49
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 116		
		272.42	78				claystone, dark grey with carbonaceous fragments (plant fragments)		
		272.87	45				claystone missing		
						903'/275.23			
	272.87	273.07	20	14			C-2		
		273.30	23	16			C-1		
		273.39	9	6			C-2		
		273.50	11	8			C-1		
					479	906'/276.15			
		274.10	60	42			C-1 dull with bright stringers (Devain with vitrain stringers)		
							TOP OF BOX 117	330/423	78
		274.87	77	54			C-1		
						911'/277.67			
		276.07	120	85			C-1		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7812 SHEET No: 50
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 118		
	276.07	276.17	10	7			coal C-1, broken		
		277.10	93	66			coal loss		
						916'/279.20			
		277.93	83				claystone loss		
		278.62	69				claystone, very dark grey, carbonaceous coaly laminations up to 5 mm near top.		
		279.45	83				as above, top half silty less carbonaceous, more carbonaceous and coaly bottom 30 cm		
	279.45	279.60	15				coal loss		
		280.00	40				sandstone, very fine dark grey, silty, finely laminated with soft sediment deformation and bioturbations, cross bed.		
							TOP OF BOX 119		
		280.10	10				as above.		
						926'/282.24			
50°		280.48	38				as above, fine calcite fracture subparallel to each other and perpendicular to bedding, F.C.A. 58		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7812 SHEET No: 51
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							BOX 119 cont'd		
	280.48	282.02	157				claystone, silty throughout, very dark grey, carbonaceous, brownish dark grey bands, hard and more calcareous.		
							TOP OF BOX 120		
		282.19	17				as above.		
		282.74	55				sandstone, very fine grain, dark grey, calcareous, silty throughout particularly near top and bottom where contact is gradational, couple of fine calcite fractures perpendicular to bedding.		
		283.12	38				siltstone, dark grey with interbanded very fine sandstone. siltstone beds up to 1.5 cm, soft sediment deformation, bioturbation, some carbonaceous laminations.		
						936'/285.29			
		284.04	92				as above, top half very clayey with a couple of coal lens up to 3 mm.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7812 SHEET No: 52
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 121		
		286.17	213				as above.		
						946'/288.34			
							TOP OF BOX 122		
37		286.91	74				as above.		
		288.14	123				sandstone, very fine to fine grain at base, dark grey to grey, still silty top half, minor irregular calcite fracture, distinctly laminated and cross bedded. calcite.		
							TOP OF BOX 123		
		289.13	99				as above fine grained sandstone		
						956'/291.39			
		290.15	102				as above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: ~~BD 7812~~ SHEET No: 53
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 124		
		292.28	213				as above fine to medium grain sandstone, massive and light grey in places		
						966'/294.44			
							TOP OF BOX 125		
		294.43	215				as above, fine to medium grain, laminations and cross bedded		
							TOP OF BOX 126		
32		295.32	89				as above.		
						976'/297.48			
		296.55	123				as above fine to medium grain		
							TOP OF BOX 127		
		297.52	97				as above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7812 SHEET No: 54
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							BOX 127 cont'd		
	297.52	298.37	85				siltstone with very fine sandstone bands up to 5 cm and claystone less than 2 cm, slightly carbonaceous with minor laminations and stringers.		
						986'/300.53			
		298.68	31				as above.		
							TOP OF BOX 128		
		299.90	122				as above, top 36 cm claystone with silty bands.		
		300.86	96				sandstone very fine grain, dark grey, silty throughout with clayey bands up to 2 cm		
							TOP OF BOX 129		
		301.42	56				as above. minor soft sediment deformation.		
						996'/303.58			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7812 SHEET No: 55
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							BOX 129 cont'd		
		302.84	142				claystone, bedded with minor soft sediment deformation, silty throughout, very dark grey with lighter brownish grey bands, calcite.		
							TOP OF BOX 130		
34°		304.50	166				as above		
						1006'/306.63			
		304.62	12				as above		
		304.88	26				as above, not calcareous and not silty, carbonaceous		
							TOP OF BOX 131		
		307.05	217				as above not calcareous and not silty, carbonaceous, very carbonaceous at base, a few light brownish grey bands and lens.		
		307.33	28				claystone missing		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7812 SHEET No: 56
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 132		
	307.33	307.58	25	20			C-2		
						1016' /309.68			
		307.88	30	25			C-2		
	307.88	308.00	12	10		1017' /309.98	coal loss		
	308.00	308.14	14	11			claystone, carbonaceous with slickensides		
	308.14	308.40	26	21			claystone loss		
	308.40	308.45	5	4			C-2		
		308.50	5	4			C-4		
	308.50	308.91	41	34			claystone carbonaceous broken at base.		
	308.91	308.95	4	3			C-4	474/837	57
	308.95	309.03	8	7			claystone as before		
	309.03	309.08	5	4			C-3		
		309.18	10	8			C-2		
		309.51	33	27			C-1		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7812 SHEET No: 57
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 133		
		310.21	70	57			C-1		
						1026'/312.72			
		310.45	24	20			C-2		
		311.57	112	92			C-1		
					47/8				
							TOP OF BOX 134		
		311.92	35	29			C-1 durain 100%		
		312.22	30	25			C-1 broken, pulverized		
						1036'/315.77			
		312.45	23	19			C-1, broken		
	312.45	315.70	3 25	266			coal loss		
		316.55	85				claystone silty dark grey with carbonaceous fragments and occasional silty bands.		
						1046'/318.82			
		316.74	19				as above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7812 SHEET No: 58
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 135		
	316.74	317.16	42				claystone very carbonaceous with listric surfaces. coaly stringers up to 3 mm		
						1048'/319.43			
36°		317.77	61				as above, becoming silty		
						1050'/320.04			
		317.93	16				as above, silty and less carbonaceous		
		318.69	76				siltstone, dark grey, sandy and clayey throughout gradational from above.		
							TOP OF BOX 136		
		319.24	55				as above		
		319.66	42				sandstone, gradational from above, carbonaceous dark grey, silty throughout, soft sediment deformation, bioturbation		
						1056/321.87			

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7812 SHEET No: 59
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							BOX 136 cont'd		
		320.73	107				as above, at centre coal stringers up to 4 mm and coaly lystric surface.		
36°		322.81	208				TOP OF BOX 137 as above, becoming sandier and cross bedded towards base.		
		323.10	29				TOP OF BOX 138 as above, very silty, gradational to unit below		
		324.64	154				claystone, silty at top 13 cm and bottom 35 cm silty and sandy dark grey to black, very carbonaceous with some coaly claystone laminations, coarse zones, calcareous		
		325.06	42				sandstone, very fine grain, dark grey, laminated and cross bedded, calcite, minor carbonaceous laminations.		
							TOP OF BOX 139		
41°		325.69	63				as above, some irregular calcite fractures near top.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7812 SHEET No: 60

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							BOX 139 cont'd		
		325.73	4				claystone, silty, carbonaceous, dark grey		
						1076'/327.96			
		327.20	147				as above, top 34 cm not very silty, very carbonaceous with coaly laminations up to 4mm. remainder silty with sandy bands		
							TOP OF BOX 140		
		327.24	4				as above		
		328.32	108				sandstone, grey to dark grey, very fine to fine grain, top 16 cm silty and very fine grain, calcareous, carbonaceous laminae, minor calcite fracture.		
		328.78	46				claystone, silty, dark grey, top 39 cm speckled with sand grain, massive.		
						1086'/331.01			
		328.87	9				as above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7812 SHEET No: 61

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							BOX 140 cont'd		
		329.28	41				siltstone, dark grey with some sandy bands slightly carbonaceous, not distinctly laminated, laminations are soft sediment deformations.		
							TOP OF BOX 141		
		329.33	5				as above		
42°		331.27	194				sandstone, dark grey at top to a dark brownish grey, fine grain calcareous, carbonaceous laminae on top half, cross bedded		
							TOP OF BOX 142		
		331.76	49				as above		
		332.47	71				as above		
		333.35	88				claystone, silty at top 15 cm, gradational contact to above, very carbonaceous, very dark grey to black, a few coal laminations stringers up to 2 mm.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7812 SHEET No: 62

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 143		
		333.50	15				as above, silty, gradations to unit below		
		333.76	26				siltstone, calcareous, dark grey		
		334.12	36				claystone, slightly silty, carbonaceous and coaly with coal laminations and stringers up to 4 mm, black		
						1106'/337.11			
		334.40	28				as above, very coaly, with lystric surfaces,		
		334.63	23				as above, very coaly and broken, core loss		
		335.29	66				as above, broken		
							TOP OF BOX 144		
		335.58	29				As above becomes competent sandy in last 14 cm		
		337.30	172				claystone, carbonaceous and coaly, lost		
		338.01	71				sandstone, fine grained, grey almost massive, minor carbonaceous particles near top, not calcareous		
		339.09	108				as above.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7812 SHEET No: 63
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 145		
40°		340.91	182				as above, becomes slightly laminated and cross bedded.		
						1126'/343.20			
		341.13	22				as above, coaly claystone band 1 cm at top.		
							TOP OF BOX 146		
		343.21	208				as above		
							TOP OF BOX 147		
		343.97	76				as above		
						1136'/346.25			
		345.26	129				as above becoming medium to coarse grain in places, slightly laminated to massive.		
							TOP OF BOX 148		
		346.85	159				as above		
						1145.5'/349.15			
		347.20	35				as above, top 25 cm broken with coaly lystric surfaces and clayey		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7812 SHEET No: 64
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 149		
		348.67	147				as above, predominantly medium to coarse grained and massive		
						1151.5'/350.98			
		349.21	54				as above, becoming calcareous		
							TOP OF BOX 150		
		351.32	211				as above, fine grained		
33°									
							TOP OF BOX 151		
		351.73	41				as above		
						1162'/354.18			
		352.64	91				as above		
		352.79	15				as above, conglomerate with sandstone matrix, well rounded pebbles up to 1.5 cm		
		353.05	26				as above fine grain sandstone		
						1166'/355.40			

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7812 SHEET No: 65
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							BOX 151 cont'd		
		353.39	34				as above		
							TOP OF BOX 152		
		354.04	65				as above		
		354.14	10				as above, conglomerate as before		
		355.53	139				as above fine grained sandstone, grey, calcareous almost massive.		
							TOP OF BOX 153		
		356.10	57				as above		
						1176'/358.44			
		357.68	158				as above		
							TOP OF BOX 154		
		359.07	139				as above, claystone pebbles 26 cm from bottom		
						1186'/361.49			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7812 SHEET No: 66

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							BOX 154 cont'd		
		359.79	72				as above		
							TOP OF BOX 155		
		361.96	217				as above		
							TOP OF BOX 156		
		362.15	19				as above		
		364.02	187				as above		
							TOP OF BOX 157		
		364.83	81				as above, minor claystone lens 2 CM x 3MM		
		365.05	22				claystone interbed with claystone and sandy clasts and sandy beds up to 2 cm.		
40°		365.25	20				sandstone as before.		
						1206'/367.59			

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7812 SHEET No: 67
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							BOX 157 cont'd		
		366.19	94				as above fine grained, sandstone, slightly laminated to massive, grey.		
							TOP OF BOX 158		
		366.63	44				as above		
		367.17	54				as above, claystone at base with coal laminae, 3mm thick and clayey and carbonaceous throughout.		
		367.91	74				sandstone as before		
		368.07	16				claystone, sandstone interbeds, carbonaceous with lystric surface		
		368.36	29				sandstone as before		
						1216'/370.64			
							TOP OF BOX 159		
		370.51	215						

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7812 SHEET No: 68
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 160		
		371.47	96			1226'/373.68	as above		
43°		372.60	113				as above		
							TOP OF BOX 161		
		374.56	196			1238'/376.73	as above		
		374.79	23				as above		
							TOP OF BOX 162		
		374.94	15				as above		
	374.94	375.09	15				claystone, sandstone interbed		
		377.00	191				sandstone as before		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7812 SHEET No: 69

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 163		
		377.70	70				as above		
						1246'/379.78			
		379.18	148				as above		
							TOP OF BOX 164		
		380.74	156				as above, with some silty claystone lens. a few carbonaceous lystric surfaces		
						1256'/382.83			
		381.24	50				as above		
							TOP OF BOX 165		
		383.34	210				as above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7812 SHEET No: 70

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 166		
		383.73	39				as above bottom 10CM claystone fragments and sandy matrix		
						1266'/385.88			
		385.35	162				as above		
42°							TOP OF BOX 167		
		386.76	141				as above		
						1276'/388.92			
		387.49	73				as above		
							TOP OF BOX 168		
		389.39	190				as above		
	389.39	389.71	32				claystone, sandstone, interbeds		
		389.83	12				claystone, sandstone as above. from the above measurement on, the claystone becomes frequent, with the sandstone interbeds usually no greater than 0.5m. claystone, sandstone interbeds are about 30 cm with lystric carbonaceous surfaces.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7812 SHEET No: 71

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
						1286'/391.97			
		391.86	203				as above. sandstone and claystone interbeds		
							TOP OF BOX 170		
		392.84	98				As above		
						1296'/395.02			
		393.84	100				as above		
							TOP OF BOX 171		
		395.90	206			1306'/398.07	as above		
							TOP OF BOX 172		
		398.03	213				as above		
							TOP OF BOX 173		
28°		398.96	93				as above (bottom 25 cm sandstone)		
						1316'/401.12			
		400.16	120				as above (sandstone - no claystone)		
							TOP OF BOX 174		
		401.98	182				as above (Top 23 cm sandstone)		
						1326'/404.16			

END OF HOLE

BELCOURT PROJECT

MINING SECTION SUMMARY

Hole No. BD 7813 **Bearing** 55° **Angle** 60° **Total Depth** 110.64 m

Coordinates 34974.81 N - 87384.96 E **Collar Elevation** 1439.94 m

Seam	Zone	Elevation (base)	Drilled Interval	True Thickness	Coal/Rock	Core Recovery%	Sample I.D.

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7813 SHEET No: 2
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
						127.6'/37.37			
	36.08	37.37	1 29				core loss		
	37.37	38.42	105				as above		
							Top of Box 5		
	38.42	38.52	10				Brecciated sandstone, broken		
	38.52	38.90	38				silty sandstone, crossbedding visible, overturned bedding		
	38.90	39.18	28				sitlstone, grounded, broken		
						129'/39.32			
38°	39.18	40.08	90				sandstone silty, broken		
						133'/40.54			
	40.08	40.38	30				as above		
							Top of Box 6		
	40.38	40.78	40				sandstone, light grey, fine grained, some calcite veins, broken		
						135'/41.15			
	40.78	41.28	50				as above		
						141'/42.98			
	41.28	41.58	30				sandstone, silty, broken		
						142'/43.28			
	41.58	41.75	17				siltstone v sandy, grounded, some gouge in fractures, completely broken	↓	

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7813 SHEET No: 1
DATE BEGUN: DEPTH: BEARING: 55° U.T.M.:
DATE FINISHED October 1978 ELEV. COLLAR: 1439.94 TOTAL DEPTH: 108.48 COAL LICENSE:
LAT.: HOLE ANGLE: 60° LOGGED BY: Delas CORE SIZE: H Q

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m Rec.	RECOVERY %
							Top of Box 1		
	0.0	28.69					core loss, casing		
	28.69	30.74	205				siltstone, highly broken, many calcite veins, bedding from 0 - 90°	↑	
							Top of Box 2		
	30.74	31.39	65				as above, some gouge in fractures		
						103'/31.39		faulted zone	
	31.39	32.89	150				siltstone, as above, core complete grounded and destroyed at bottom of unit, not possible to determine dip — rate as from 0 - 90		
							Top of Box 3		
	32.89	33.99	110				as above		
						113.4'/34.56			
	33.99	35.04	105				as above, core completely grounded, visible plane fault, parallel to core axis		
							Top of Box 4		
						119'/36.27			
	35.04	36.08	104				siltstone very broken calcite veins, breccia, gouge in fracture, some sandy bands at base		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7813 SHEET No: 3

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
						143'/48.59			
	41.75	43.58	183				core loss		
10°	43.58	44.24	66				silty claystone, occasional sandy bands and laminae, parallel bed		
							Top of Box 7		
	44.24	45.24	170				siltstone, laminae of claystone, some sandy bands, some cross-bedding at top		
						151'/46.02			
23°	45.24	46.27	33				as above, parallel bedding, overturned		
							Top of Box 8		
	46.27	46.72	45				as above, sandy bands at base, calcite in fractures, veins and inclusions		
						154'/46.94			
28°	46.72	48.17	145				silty claystone, occasional sandy laminae, parallel bedding		
							Top of Box 9		
	48.17	49.25	108				as above		
	49.25	49.40	15				claystone, silty laminae		
	49.40	50.18	78				sandstone, light grey, calcite veins, fractures in all directions		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7813 SHEET No: 4
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 10		
	50.18	50.40	22				as above, highly broken, weathered		
						166'/50.60			
	50.40	50.64	24				sandstone as above		
33°	50.64	51.24	60				siltstone, sandy and claystone laminae		
	51.24	52.24	100				sandstone as before, calcite veins, almost brecciated		
							Top of Box 11		
37°	52.24	52.77	53				siltstone as before, cross-bedding at base		
	52.77	53.24	47				fine grained sandstone, silty laminae, parallel bedding, compact massive		
						176'/53.64			
	53.24	53.94	70				siltstone, laminae of sandstone, siltstone and claystone		
	53.94	54.34	40				sandstone, fine grained, broken, calcite veins and stringers at top		
							Top of Box 12		
	54.34	54.56	22				as above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7813 SHEET No: 5

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
33°	54.56	56.11	155				siltstone sandstone and claystone laminae, interbedded		
						186'/56.69			
	56.11	56.51	40				as above		
							Top of Box 13		
	56.11	58.06	155				as above , good core, parallel bedding, occasional cross-bedding, overturned		
						192'/58.52			
	58.06	58.64	58				as above		
							Top of Box 14		
	58.64	59.68	104				as above		
28°	59.68	60.68	100				sandstone, fine grained, parallel bedding, few thin layers of claystone and siltstone at base, highly broken at base		
						210'/61.26			
							Top of Box 15		
	60.68	62.83	215				sandstone, medium grained, fine grained, massive, laminae at base		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7813 SHEET No: 6
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 16		
	62.83	63.23	40				sandstone as above		
						210'/64.01			
30°	63.23	64.87	164				sandstone, laminae, parallel bedding		
							Top of Box 17		
	64.87	65.07	20				sandstone, fine grained, - s + p (more pepper) massive, compact, uniformed, good core		
						216'/65.84			
	65.07	67.00	193				as above, few calcite veins		
							Top of Box 18		
	67.00	68.15	115				as above		
						226'/68.88			
	68.15	69.10	95				as above		
							Top of Box 19		
	69.10	71.95	215				as above		
						236'/71.93	Top of Box 20		
	71.95	73.45	220				as above		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7813 SHEET No: 7

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 21		
	73.45	74.15	70				sandstone as above		
						246'/74.98			
	74.15	75.62	147				as above		
							Top of Box 22		
	75.62	77.22	160				as above with veins (some) of calcite		
						256'/78.03			
	77.22	77.77	55				as above		
							Top of Box 23		
24°	77.77	79.97	220				as above		
							Top of Box 24		
						266'/81.08			
	79.97	82.15	218				as above		
							Top of Box 25		
	82.15	82.20	5				as above		
	82.20	82.29	9				sandstone, coarse grained, almost conglomerate		
	82.29	82.36	7				sandstone, fine grained, as before		
	82.36	82.56	20				sandstone, coarse grained, dark grey - black		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7813 SHEET No: 8

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
						274'/83.52			
	82.56	83.06	50				as above, broken, some calcite inclusions and stringers		
						275'/83.82			
	83.06	83.76	70				sandstone, medium grey, medium grained, calcite veins and stringers		
	83.76	84.23	47				sandstone, dark grey, blackish, carbonaceous inclusions, silty, cross-bedding		
							Top of Box 26		
25°	84.23	85.43	120				sandstone, silty laminae, SLICKENSIDE ^, black stringers (carbonaceous)		
	85.43	85.81	38				siltstone, dark grey, some carbonaceous specks, occasional sandy		
						285'/86.87			
	85.81	85.90	9				as above, more sandy		
	85.90	86.00	10				conglomerate, matrix of medium grained sandstone and pebbles up to 1 cm, some carbonaceous stringers and few coaly specks		
	86.00	86.05	5				sandstone, medium - dark grey, medium grained, massive		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7813 SHEET No: 9
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 27		
30°	86.05	88.18	213				sandstone as above, parallel bedding, many veins and stringers at base		
							Top of Box 28		
	88.18	88.73	55				as above		
						295'/89.92			
38°	88.73	90.23	150				silty claystone, dark grey - black, very slickensided, parallel bedding, occasional carbonaceous plant fossils and fragments		
							Top of Box 29		
	90.23	92.05	1 82			302'/92.05	core loss		
	92.05	93.25	120				siltstone, very sandy, broken many calcite veins, brecciated toward base		
	93.25	93.35	10				sandstone, dark grey, fine grained, some calcite inclusions, massive		
						307'/93.57			
	93.35	94.04	69				sandstone as above, with one calcite vein parallel to core axis, massive		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7813 SHEET No: 10
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 30		
	94.04	94.77	73				as above		
	94.77	95.70	93				as above, with many veins and stringers of calcite in all directions		
						315'/96.01			
	95.70	96.24	54				as above		
						317'	Top of Box 31		
						/96.62			
21°	96.24	97.84	160				as above		
	97.84	98.11	27				sandstone, brecciated, , carbonaceous inclusions, slickensiding.		
	98.11	98.31	20				sandstone, dark grey, fine - medium grained, carbonaceous lamina, massive		
							Top of Box 32		
	98.31	98.81	50				as above		
						326'/99.36			
	98.81	99.77	36				as above, some calcite		
	99.77	100.82	1 05				core loss		
20°	100.82	101.22	40				sandstone, very brecciated, full of calcite veins, fractured, slickensides broken - fault		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7813 SHEET No: 11
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
45-90°	101.22	101.87	65				sandstone, brecciated, calcite veins, broken, dip change from 45 at top to 90 at base, slickensiding		
	101.87	102.04	17				siltstone, sandy, broken, slickensiding		
							Top of Box 33		
	102.04	102.48	44				siltstone, silty claystone, laminae, dark grey		
	102.48	102.73	25				sandstone, medium - dark grey, fine grained, calcite veins, cross-bedding		
50°	102.73	102.93	20				sandstone, brecciated, broken		
10°	102.93	103.43	50				siltstone, sandy laminated, broken with slickensiding		
	103.43	103.63	20				claystone, dark - black, highly broken, sheared		
						340'/103.63			
	103.63	104.08	45				as above		
						343'/104.55			
							Top of Box 34		
	104.08	104.33	25				silty claystone, completely broken and sheared		

Form 71-0150-B04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. 7813 SHEET No: 12

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
						345'/105.16			
	104.33	105.43	110				as above		
						350'/106.68			
							Beginning of NQ core size		
47°	105.43	106.13	70				silty claystone, dark grey, , laminated, broken		
							Top of Box 35		
	106.13	107.53	140				as above with calcite veins, carbonaceous fragments		
	107.53	108.48	95				silty claystone grounded, sheared, completely broken, some carbonaceous inclusions, possible some thin coal layers		
							END OF HOLE		

Form 71-0150-B04

BELCOURT PROJECT

MINING SECTION SUMMARY

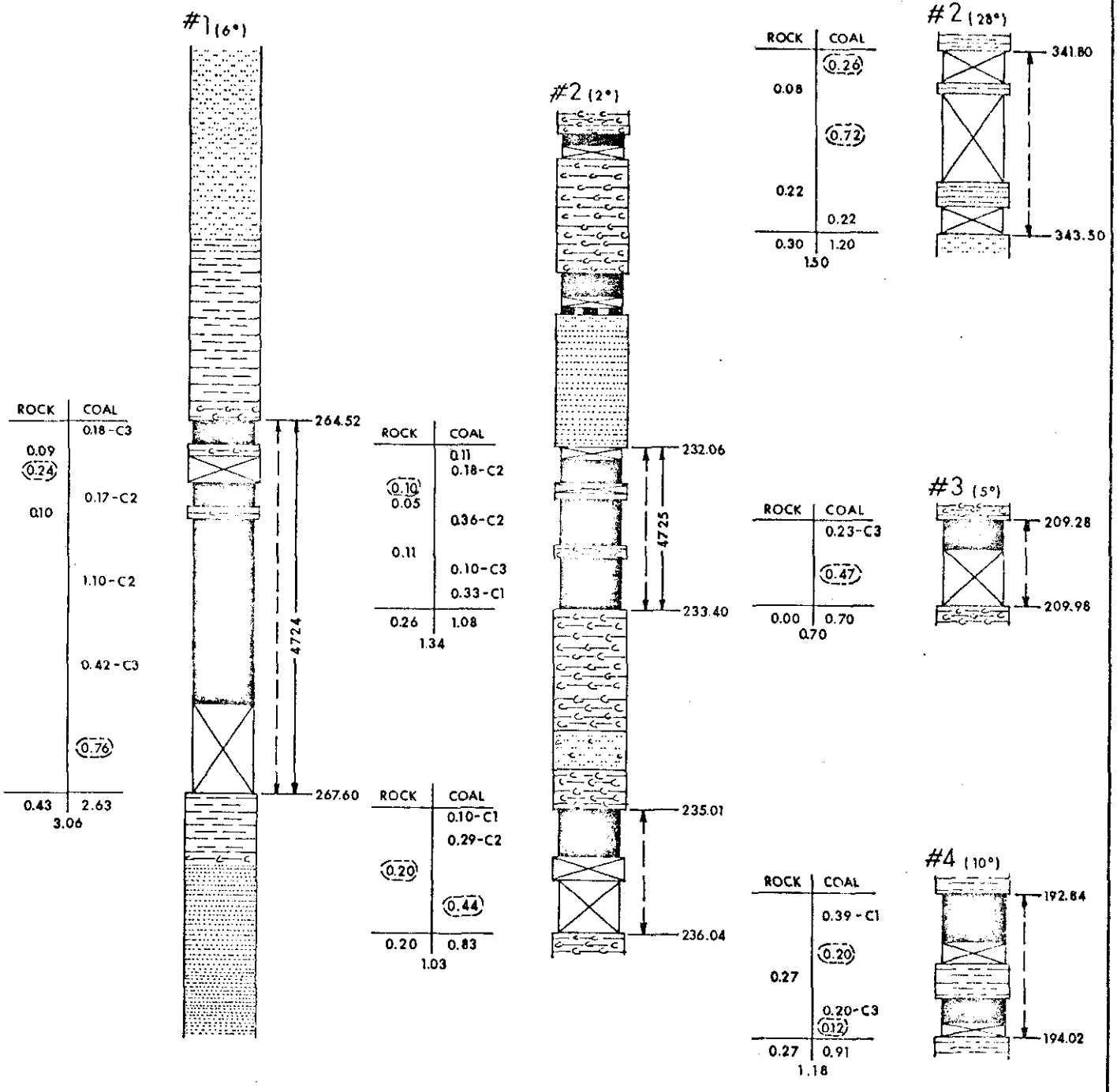
Hole No. BD 7814 Bearing 190° Angle 61° Total Depth 365.06 m

Coordinates 44766.41 N - 74703.88 E Collar Elevation 1286.92 m

Seam	Zone	Elevation (base)	Drilled Interval	True Thickness	Coal/Rock	Core Recovery%	Sample I.D.
1		1052.87	264.53 - 267.60	3.06	2.63/0.43	67.2	4724
2		986.49	341.80 - 343.50	1.50	1.20/0.03	20.0	
2		1080.47	235.01 - 236.04	1.03	0.83/0.20	37.9	
2		1082.78	232.06 - 233.40	1.34	1.08/0.26	84.3	4725
3		1103.27	209.28 - 209.98	0.70	0.70/0.00	32.9	
4		1117.23	192.84 - 194.02	1.18	0.91/0.27	72.9	
5		1130.45	173.70 - 178.90	5.20	4.24/0.96	74.6	4726
	6	1168.47	133.63 - 135.43	1.80	1.56/0.24	58.3	4728
	7	1203.08	95.27 - 95.86	0.59	0.52/0.07	40.7	
	8	1235.03	55.89 - 59.33	3.43	2.38/1.05	76.2	4729-4731
	8	1240.74	52.25 - 52.80	0.55	0.51/0.04	76.4	
	9	1257.36	32.58 - 33.23	0.64	0.64/0.00	76.6	
	*	970.20	360.74 - 362.12	1.06	1.06/0.00	0.00	
	*	1068.84	248.84 - 249.34	0.50	0.50/0.00	76.0	
	*	1090.13	224.34 - 225.00	0.64	0.64/0.00	15.6	

* coal stringer

23.22



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

} BASED ON VISUAL ESTIMATES

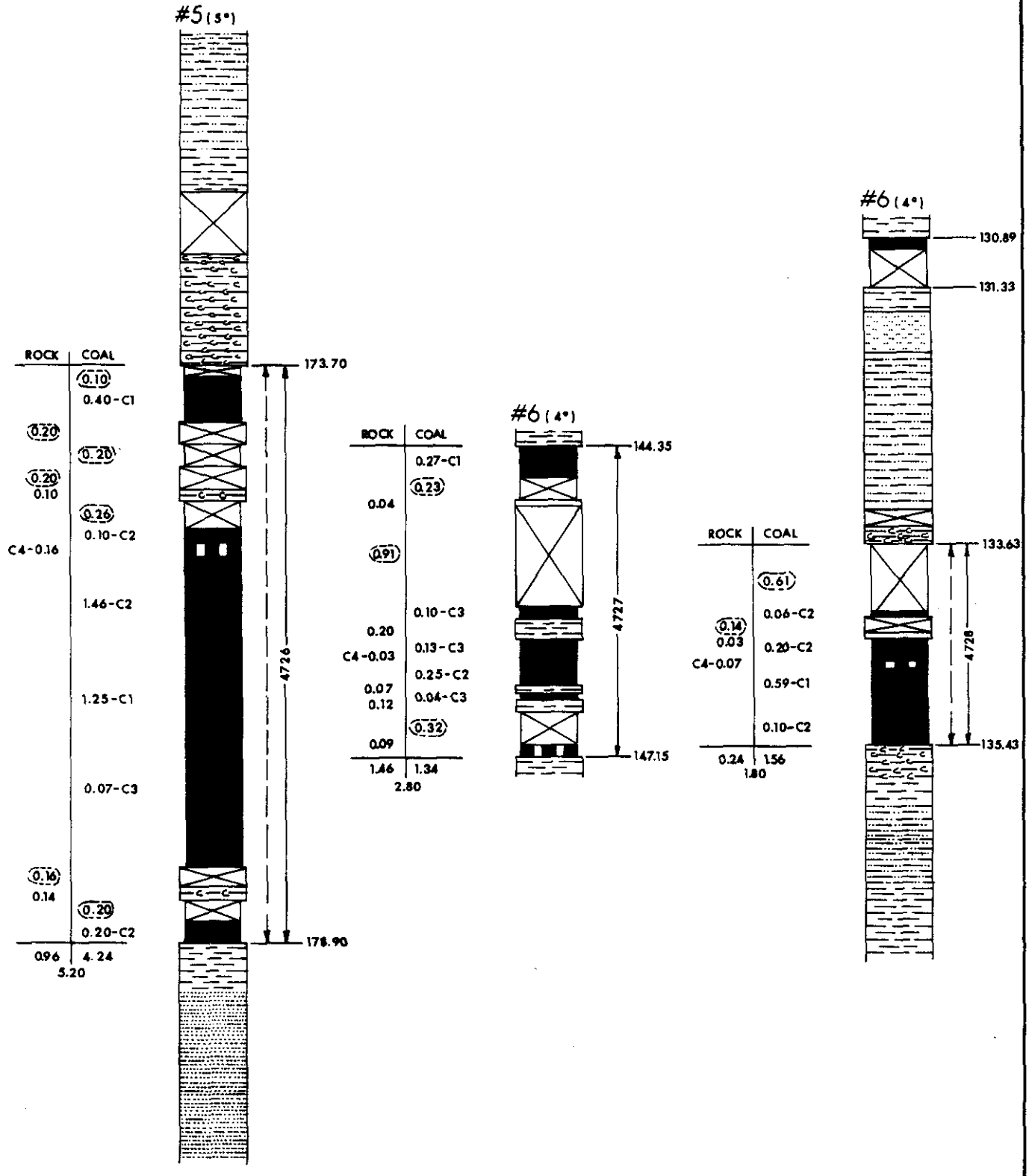
- C4 COAL >31% ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE
- MINING SECTION
- SAMPLE INTERVAL & NUMBER
- COMPOSITE SAMPLE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

BELCOURT

SEAM DETAILS
BD 7814

DRAWN BY: J.H.	DATE: FEB. 1979	SCALE: 1 : 50
PREPARED BY: I.D.	DATE: " "	DRAWING NUMBER
APPROVED BY: G.P.G.	DATE: " "	BLCR 79-0927-R01



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

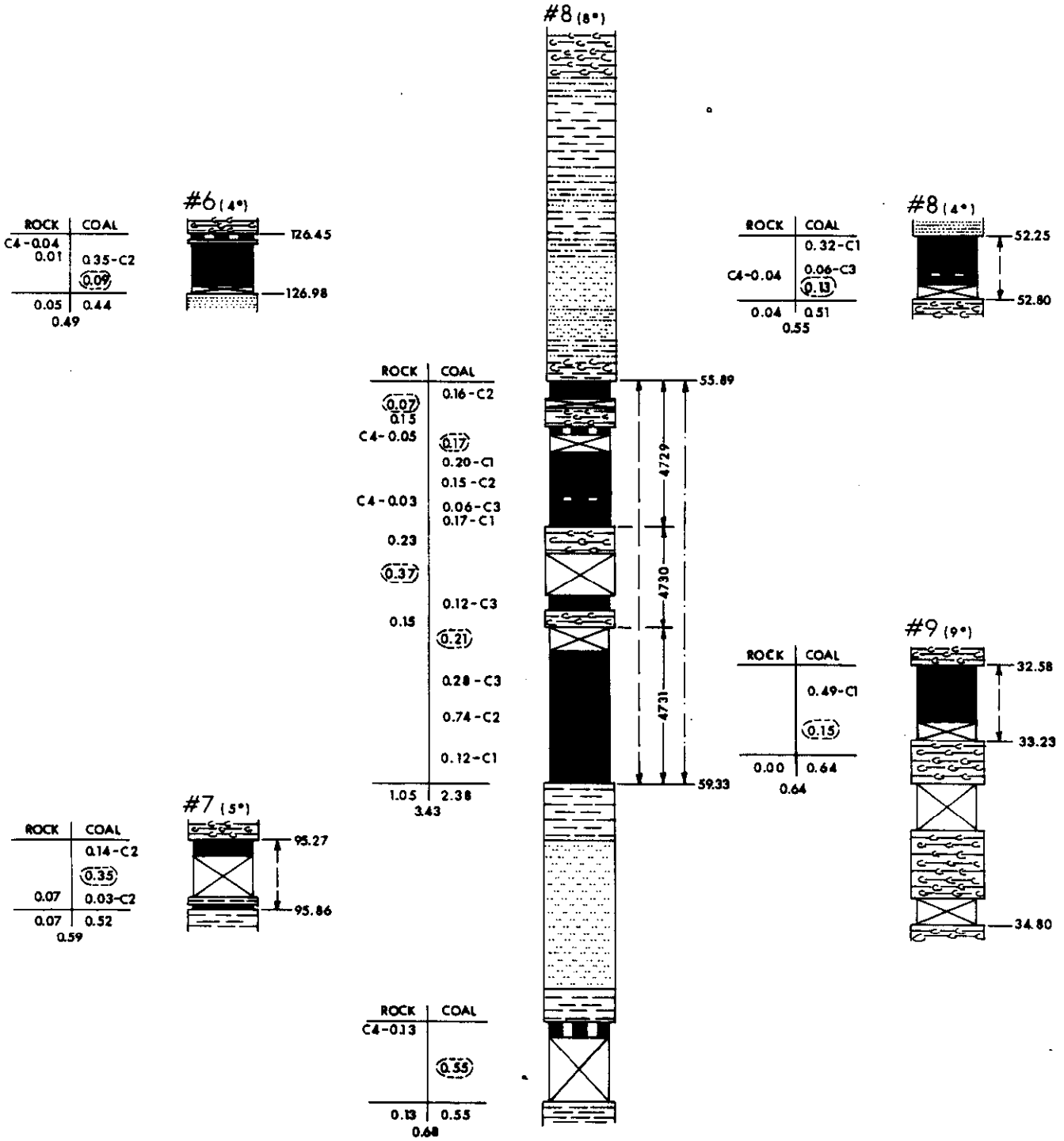
} BASED ON VISUAL ESTIMATES

- C4 COAL >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- MINING SECTION
- SAMPLE INTERVAL & NUMBER
- COMPOSITE SAMPLE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

BELCOURT
SEAM DETAILS
BD 7814

DRAWN BY: J.H.	DATE: FEB. 1979	SCALE: 1 : 50
PREPARED BY: L.D.	DATE: " "	DRAWING NUMBER
APPROVED BY: G.P.G.	DATE: " "	BLCR 79-0827-R01



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

} BASED ON VISUAL ESTIMATES

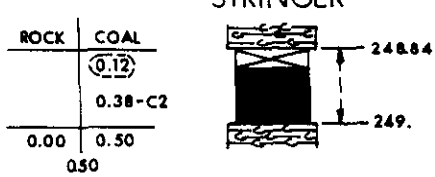
- C4 COAL >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- MINING SECTION
- SAMPLE INTERVAL & NUMBER
- COMPOSITE SAMPLE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

BELCOURT
SEAM DETAILS
BD 7814

DRAWN BY: J.H.	DATE: FEB. 1979	SCALE: 1 : 50
PREPARED BY: I.D.	DATE: " "	DRAWING NUMBER
APPROVED BY: G.P.G.	DATE: " "	PLCR. 79-0827-R01

STRINGER



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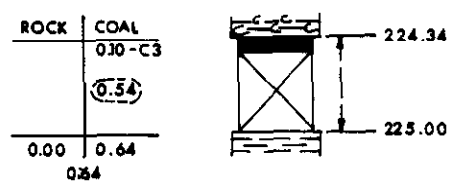

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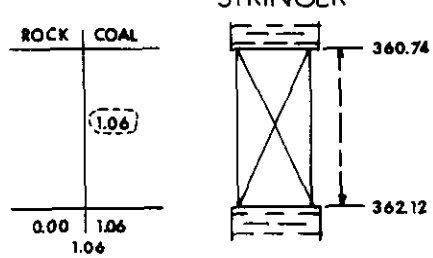

LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

} BASED ON VISUAL ESTIMATES

- C4 COAL >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE
- MINING SECTION
- SAMPLE INTERVAL & NUMBER
- COMPOSITE SAMPLE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

BELCOURT
SEAM DETAILS
BD 7814

DRAWN BY: J.H.	DATE: FEB. 1979	SCALE: 1 : 50
PREPARED BY: I.D.	DATE: " "	DRAWING NUMBER
APPROVED BY: G.P.G.	DATE: " "	BLCR 79-0827-R01

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7814 SHEET No: 1
DATE BEGUN: DEPTH: 365.06 BEARING: 190 U.T.M.:
DATE FINISHED: Oct/78 ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: 61.3 LOGGED BY: I.Delas/D.Johnson CORE SIZE: HQ

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Boxes 1, 2, 3 - sandstone and siltstone fragments held together with mud.		
							Top of Box 4		
	0	25.23			86'/26.21		Casing.		
	25.23	25.76	53				Sandstone, dark grey, very fine grain, calcareous, interbedded siltstone completely broken.		
12°		26.45	69				As above, competent, carbonaceous laminae, some soft sediment deformation. Grades to unit below.		
		26.76	31				Claystone, very dark grey, silty.		
					91'/27.74				
		27.15	39				As above, top 29 cm completely broken with some sandy and silty fragments. Becomes very silty at base.		
							Top of Box 5		
		27.97	82				Siltstone, dark grey, very fine grain, bands up to 4 cm. clayey in places, laminae with soft sediment deformation. Minor calcite fractures, irregular grades to unit below.		
		28.28	31				Sandstone, very dark grey, very fine grain, silty bands, up to 1 cm, laminated, soft sediment deformation.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7814 SHEET No: 2

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
					96' / 29.26				
		28.50	22				Claystone, very dark grey, slightly silty, broken, core loss.		
		29.14					Sandstone, as before.		
							Top of Box 6		
		29.64	50				Sandstone, as above, some fine grain bands up to 6 cm, clayey at base, grades to unit below.		
		29.80	16				Claystone, very dark grey, slightly carbonaceous, silty at top, calcareous where silty.		
					101' / 30.78				
		31.13	133				As above, bottom 30 cm silty, remainder more carbonaceous, coal lens and stringers up to 4 mm, core broken in carbonaceous zones.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 3

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 7		
		31.44	31		106'/32.31		Carbonaceous claystone, few silty bands, plant fossils.		
		31.83	39				As above.		
		32.28	45				Sandstone, fine grain, cross bedded, carbonaceous laminae.		
		32.58	30				Carbonaceous claystone, highly broken, coaly at base.		
	32.58	33.08	50	49			C1		
9°	33.08	33.23	15	15	11'/33.83		Coal loss.		
	33.23	33.30	7	7			Carbonaceous claystone, highly broken.		
							Top of Box 8		
		33.47	17	17			Carbonaceous claystone.		
		33.59	12	12			Coaly claystone.		
	33.59	34.00	41	40			Coal loss.		
	34.00	34.35	35	35			Carbonaceous claystone, highly broken.		
					116'/35.36				
	34.35	34.55	20	20			As above.		
	34.55	34.80	25	25			Coal loss.		
8°	34.80	35.28	48				Silty claystone, carbonaceous fragments at top.		
	35.28	36.19	91				Sandstone, fine grain, silty laminae, cross bedded at base.		
					121'/36.88				

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 4

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							Top of Box 9		
		36.96	77				Claystone, silty throughout, carbonaceous with coaly stringers and laminae up to 2 mm, some fine grain sand laminae, soft sediment deformation, calcareous.		
		37.43	47				Siltstone, dark grey, sandy, with sandstone bands up to 5 cm, gradational above and below, soft sediment deformation.		
		37.71	28		126' /38.40		Claystone, very silty at top, very carbonaceous at base.		
		37.82	11				As above, very carbonaceous, with 3 cm C_2 band at top.		
		38.28	46				Claystone, light grey, massive, minor carbonaceous material, soft and pulverized, core competent, sandy at top, rootlet bed? possible minor fault zone, slicken sides throughout, may be result of sedimentation pressures, not calcareous.		
		38.42	14				Claystone, lost.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 5
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 10		
40		39.27	85				Sandstone, very fine grain, medium grey, massive at top, laminae towards base, not calcareous.		
					131' / 39.39				
		40.46	119				As above, becomes fine grain and light grey, slightly laminated throughout, laminae in finer zones, finely crossbedded.		
		40.60	14				Siltstone, dark grey, slightly brownish, some carbonaceous material.		
							Top of Box 11		
		40.73	13				As above, clayey.		
					136' / 41.45				
		40.86	13				As above.		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 6

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		42.30	144				Sandstone, as before.		
					141 / 42.98				
		42.77	47				As above.		
							Top of Box 12		
		43.83	106				As above.		
					146 / 44.50				
19°		44.95	112				As above, predominately fine to medium grain, light grey to grey, with no very fine silty laminae, interval has brown laminae as the same grain size, otherwise not distinctly laminated.		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 7

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 13		
		45.42	47				As above, almost massive.		
					151'/46.02				
		46.98	156				As above, very light grey with claystone lenticular fragments towards base.		
					156'/47.55				
		47.09	11				As above.		
							Top of Box 14		
6°10°		49.22	213				As above, remains almost massive, with minor carbonaceous laminae.		
							Top of Box 15		
		50.16	94				As above.		
					166'/50.60				
		51.33	117				As above.		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7814 SHEET No: 8

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 16		
		51.65	32				Sandstone, light grey, medium grain, salt and pepper, massive uniform.		
					171	/52.12			
		52.25	50				As above.		
	52.25	52.57	32				C1		
		52.61	4				C4		
		52.67	6				C3		
	52.67	52.80	13				Coal loss		
	52.80	53.03	23				Carbonaceous claystone, coaly at top.		
					176	/53.64			
	53.03	53.50	47				As above, with silty bands towards base.		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7814 SHEET No: 9

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 17		
	53.50	54.43	93				Claystone, dark grey to black, very silty particularly towards base. Silt bands up to 1.5 cm, 2.5 cm, C-4 band at top. Carbonaceous throughout and coaly in places, some slicks in coaly zones. Laminated, soft sediment deformation, slightly calcareous.		
					18	/55.17			
		54.88	45				As above, very silty, grades to below.		
0°		55.55	67				Siltstone, clayey, dark grey, carbonaceous, coal stringers up to 2 mm minor, a few very fine sandstone bands <0.5 cm. Calcareous, soft sediment deformation.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 10
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 18		
		55.79	24				Claystone carbonaceous at base, silty at top.		
		55.89	10				Coaly claystone.		
	55.89	56.05	16	16			C2, highly broken.		
					186'	/56.69			
	56.05	56.12	7	7			Claystone loss.		
	56.12	56.27	15	15			Carbonaceous claystone, few coaly bands.		
	56.27	56.32	5	5	4729		C4		
	56.32	56.49	17	17			Coal loss.		
	56.49	56.69	20	20			C1		
	56.69	56.84	15	15			C2		
8°	56.84	56.87	3	3			C4		
	56.87	56.93	6	6			C3		
	56.93	57.10	17	17			C1 broken and pulverized at base.		
	57.10	57.33	23	23			Carbonaceous claystone, coaly at base, sheared.		
	57.33	57.70	37	37	4730		Claystone loss.		
	57.70	57.82	12	12			C3, highly broken.		
					191'	/58.22			
	57.82	57.97	15	15			Carbonaceous claystone, sheared, broken.		
	57.97	58.18	21	21			Coal loss.		
	58.18	58.34	16	16	4731		C3, broken.		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 11

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 19		
8°	58.34	58.41	7	7			C3		
		59.06	65	64			C2		
		59.18	12	12			C1		
		59.23	5	5			C3		
	59.23	59.33	10	10			C2		
						196'/59.74			
		59.80	47	46			Claystone, grey, carbonaceous and broken toward top, silty at base.		
		60.30	50	49			Siltstone, occasional crossbedded sandy layers.		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 12

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 20		
17°		60.53	23	22			Siltstone, very dark grey, clayey, carbonaceous, calcareous, coaly laminae, occasional up to 3 mm, some very fine sandstone bands.		
					201' / 61.26				
27°		61.11	58	56			As above.		
		61.40	29	28			Claystone, coaly laminae up to 4 mm, sheared along coaly surface, slightly broken along laminae.		
	61.40	61.53	13	13			Coal, C4 with bright stringers		
	61.53	62.10	57	55			Coal (C4) missing		
					206' / 62.79				
		62.31	19				Claystone, as before, becomes silty at base, grades to unit below.		
		62.69	38				Sandstone, silty, dark grey, very fine, interbedded with siltstone zones up to 25 cm, silty claystone 5 cm, finely laminated and crossbedded to massive in silty zones, slight soft sediment deformation.		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 13
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 21		
11°		63.69	100				As above.		
					211	64.31			
		64.84	115				As above.		
							Top of Box 22		
0°		65.36	52				As above.		
		66.06	70				Claystone, carbonaceous and coaly with 1.5 cm C1 band, 24 cm from top, some silty zones near base.		
		66.70	64				Sandstone, as before, silty, very fine, grey to dark grey, bioturbated and soft sediment deformation, calcareous.		
					221	67.36			
		66.96	26				As above.		
							Top of Box 23		
		68.21	125				As above.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 14
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
					226'/68.88				
30°		69.12	91				As above.		
							Top of Box 24		
		69.23	11				As above.		
25°		69.73	50				Sandstone, medium grey, fine grey, finely laminated and crossbedded, calcareous.		
					231'/70.41				
		71.24	151				As above, less distinctly laminated towards base, fine to medium grain. light grey.		
							Top of Box 25		
		71.30	6		276'/71.93		As above.		
		71.75	45				As above, clayey at top and bottom.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7814 SHEET No: 15

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		72.71	96		241'/73.46		Claystone, very dark grey and black.		
		73.44	73				As above, some coaly stringers up to 4 mm, some carbonaceous material.		
							Top of Box 26		
		73.64	20				As above, very coaly with bright bands up to 4 mm, 5 cm		
							C3 band at base.		
		74.20	56				Siltstone, dark grey, carbonaceous, calcareous, bottom 40 cm is very sandy, minor coaly stringers throughout.		
					246'/74.98				
6°		75.54	134				As above, 15 cm sandstone bands, 27 cm from top, some coaly lens up to 1 cm, very clayey, very dark grey to black.		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7814 SHEET No: 16
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 27		
		75.74	20		251'/76.50		As above, silty claystone.		
		77.30	156				As above, clayey carbonaceous sandstone.		
					256'/78.03				
		77.63	33				As above.		
							Top of Box 28		
		78.86	123				As above, sandy at top and becoming more clayey at base with grades into next unit.		
					261'/79.55				
		79.68	82				Claystone, carbonaceous and very coaly in places, broken, bright coaly laminae up to 1 cm, minor slicken sides.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 17

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 29		
		79.86	18				Coal C3 predominately dull and sooty, with bright bands up to 0.5 cm.		
		80.28	42		266'/81.08		Coal missing.		
		80.79	51				Siltstone, grey, clayey at top and base, massive.		
		81.62	83				Claystone, silty, coaly at centre with 3 cm C4 band, broken and pulverized just below coal.		
		81.85	23		271'/82.60		Siltstone, gradational from above, dark grey to grey, massive.		
		82.21	36				As above, slightly laminated and interbedded with claystone up to 2 cm and very fine sandstone up to 1 cm.		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 18
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 30		
		82.99	78				As above, well interbedded with bioturbation.		
9°		83.15	16				Sandstone, very fine, finely laminated with interbedded siltstone, bioturbated, calcareous, grey to dark grey.		
					276'/84.12				
		84.38	123				As above, top 26 cm silty, remainder very fine sandstone, laminated, bioturbated.		
							Top of Box 31		
		84.58	20				As above.		
		86.28	170				Siltstone, finely laminated with claystone and very fine sandstone throughout, dark grey to grey, calcareous and carbonaceous, fine cross bedding occasionally in sandy zones, coal stringers up to 2 mm, sandy, clayey zones up to 20 cm, bioturbated, soft sediment deformation.		
					286'/87.17				

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 19

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
		86.46	18				As above.		
							Top of Box 32		
0°		88.55	209				As above.		
							Top of Box 33		
		89.34	79		296'/90.22		As above.		
		90.69	135				As above.		
							Top of Box 34		
12°		90.96	27		301'/91.74		As above.		
		92.44	148		306'/93.27		As above, very sandy at top, very clayey at bottom.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 20
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		92.80	36				As above, top half clayey.		
							Top of Box 35		
		93.40	60				As above, very clayey at top.		
		93.59	19				Claystone, very coaly.		
	93.59	93.70	11				Coal missing.		
		93.75	5				Coal - C3		
		93.87	12				Claystone, very coaly.		
		93.97	10				Siltstone, very dark grey, carbonaceous, gradational above and below.		
					311' / 94.79				
		94.12	15				As above.		
6°		94.95	83				Sandstone, very fine, dark grey, very silty throughout with silty bands up to 10 cm, soft sediment deformation, bioturbated, minor carbonaceous material.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 21

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 36		
		95.04	9				As above.		
		95.27	23				Claystone, gradational from above, very silty at top, carbonaceous and coaly at bottom.		
	95.27	95.41	14				Coal, C2 generally bright, broken.		
	95.41	95.76	35				Coal loss.		
					316'/96.32				
		95.83	7				Claystone		
		95.86	3				Coal - C2		
		95.98	12				Claystone, grades to C4 and coaly claystone below.		
		96.15	17				Claystone, carbonaceous, very broken, pulverized, minor fault?		
		97.02	87				Claystone, grey to dark grey, minor carbonaceous materials throughout with coal stringers up to 1 cm, lighter zones are silty.		
					321'/97.84				

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 22

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		97.16	14				As above.		
4°		97.53	37				Sandstone, dark grey, very fine grain, finely laminated with siltstone, with fine crossbedding.		
							Top of Box 37		
	97.53	98.34	81				Claystone, very coaly, black with coal lens and laminae up to 1 cm.		
					326'/99.36				
	98.34	98.42	8				As above.		
		99.28	86				Siltstone, minor brownish grey to dark grey, very clayey where dark grey, massive, bioturbated, gradational from above.		
		99.45	17				Sandstone, fine grain, medium grey, top has claystone clasts, minor silty interbedding.		
							Top of Box 38		
		99.92	47				As above.		
					331'/100.89				
		100.19	27				As above.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 23
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		101.39	120				Interbedded, very fine sandstone, siltstone, beds usually less then 1 cm, dark grey, coaly stringers towards base and claystone stringers.		
					336'/102.41				
		101.48	9				As above.		
	101.48	101.54	6				Coal, C3, interbedded, dull and bright bands 2 to 3 mm.		
		101.58	4				Claystone, coaly.		
							Top of Box 39		
		101.60	2				As above.		
		101.69	9				Coal C1		
		101.71	2				Claystone.		
		101.76	5				Coal, C1		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 24

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		101.77	1				Claystone, coaly.		
		101.82	5				Coal C1.		
		102.08	26				Coal missing.		
		102.11	3				Claystone.		
		102.43	32				Sandstone, grey, very bioturbated rootlets, calcareous.		
		102.69	26				Claystone, black, carbonaceous.		
		103.04	35				Sandstone, medium grey, fine grain, bottom half massive, grades to unit below.		
		103.10	6				Siltstone, dark grey, finely laminated, soft sediment deformation, clayey.		
					341/103.94				
		103.95	85				As above.		
							Top of Box 40		
		104.65	70				As above, very soft sediment deformed, continues clayey.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 25
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		105.92	127				As above, very clayey at base.		
		106.04	12				Sandstone, fine grain, medium grey, calcareous, slightly laminated.		
							Top of Box 41		
		106.12	8				As above.		
					351	/106.98			
		106.45	33				As above.		
		107.65	120				Siltstone, dark grey, very clayey throughout, some silty claystone, calcareous.		
					356	/108.5			
		108.12	47				As above, very fine sandstone interbedding.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 26
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 42		
		108.49	37				As above, sandy, clayey.		
		109.09	60				Sandstone, soft sediment deformation, bioturbated, finely crossbedded towards base, very fine grain, medium grey to dark grey.		
					3611	/110.03			
		109.28	19				As above.		
		109.70	42				Claystone, silty, carbonaceous.		
		110.26	56				Sandstone, very fine grain, dark grey, bioturbated. 1 cm thick calcite fracture sub-parallel to bedding, minor carbonaceous material, fine grain towards base.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7814 SHEET No: 27

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							Top of Box 43		
11°		110.65	39				As above, fine grain, medium grey with minor carbonaceous laminae. Becomes less distinctly laminated, calcareous.		
					366'/111.56				
		111.22	57				As above.		
		111.82	60				Claystone, sharp contact with above, slightly silty, minor carbonaceous material, very dark grey, calcareous.		
					371'/113.08				
		112.29	47				As above.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 28

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 44		
		112.37	8				As above.		
	113.38		101				Siltstone, very dark grey, minor coaly stringers, gradational from above, clayey throughout.		
					376'/114.60				
		114.38	100				As above, siltier towards base.		
							Top of Box 45		
		114.98	60				As above, some soft sediment deformation and bioturbated bedding, calcareous.		
					381'/116.13				
		115.97	99				As above.		
		116.41	44				Sandstone, very fine to fine grain, laminated with some soft sediment deformation, grey.		
		116.51	10				Siltstone, as above.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 29
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 46		
						386'/117.65			
		117.65	114				As above.		
		118.00	35				Sandstone, fine grain, very fine grain on top, grey, laminated with minor carbonaceous laminae, cross bedded, some soft sediment deformation in few areas, calcareous.		
					391'/119.18				
		118.52	52				As above.		
							Top of Box 47		
4°		119.46	94				As above.		
					396'/120.70				
		120.56	110				As above.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7814 SHEET No: 30

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 48		
10°		120.98	42		401	/122.22	As above.		
		122.51	153		406	/123.75	As above.		
		122.64	13				As above, becoming very fine grain.		
							Top of Box 49		
		124.03	139				As above, very fine grain and fine grain top half, coaly stringers up to 4 mm, few minor calcite filled fractures.		
					411	/125.27			
		124.60	57				As above, fine grain, except bottom 7 cm very fine grain.		
		124.72	12				Siltstone, dark grey, sandy bands up to 3 cm. bedding soft sediment deformation.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7814 SHEET No: 31
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 50		
		125.53	81				As above.		
		126.28	75				As above.		
		126.40	12				Sandstone, as before.		
		126.45	5				Claystone, carbonaceous.		
	126.45	126.49	4				Coal C4		
		126.50	1				Claystone, coaly.		
		126.78	28				Coal C2		
							Top of Box 51		
21°		126.88	10				As above, C2		
		126.98	10				Coal missing.		
					421'/128.32				

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7814 SHEET No: 32
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		128.50	152				Sandstone, dark grey to grey, fine grain, calcareous, minor calcite fractures, laminated and crossbedded.		
					425'/129.84				
		128.92	42				As above.		
							Top of Box 52		
4°		129.57	65				As above, becomes fine grain and laminated.		
		129.89	32				Claystone, top 10 cm silty, the rest coaly claystone.		
		130.09	20				Claystone missing.		
	130.09	130.21	12				Coal missing.		
					431'/131.37				
	130.21	130.67	46				As above, very dark grey, carbonaceous to coaly.		
		130.89	22				Claystone, coaly, missing.		
	130.89	130.98	9	9			Coal. C3		
	130.98	131.33	35	35			Coal missing.		
		131.53	20	20			Claystone, carbonaceous to coaly.		
		131.91	38	38			Siltstone, dark grey, slightly carbonaceous, calcareous, grades from above.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 33

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 53		
		133.33	142				Silty claystone, occasional carbonaceous laminae.		
					441'	/134.42			
	133.33	133.47	14				Claystone loss.		
	133.47	133.63	16				Carbonaceous claystone.		
	133.63	134.24	61	61			Coal loss.		
	134.24	134.30	6	6			C2, highly broke.		
	134.30	134.44	14	14			Claystone loss.		
	134.44	134.47	3	3			Carbonaceous claystone.		
					442				
	134.47	134.67	20	20			C2, highly broken.		
4°	134.67	134.74	7	7			C4		
							Top of Box 54		
	134.74	135.18	44	44			C1		
					446'	/135.94			
	135.18	135.33	15	15			C1		
	135.33	135.43	10	10			C2		
		136.28	85				Claystone, carbonaceous at top, silty at base.		
					45'	/137.45			
4°		136.69	41				Silty claystone, uniformed parallel bed.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7814 SHEET No: 34
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 55		
		137.25	56				Claystone, carbonaceous, very dark grey with lighter grey bands, calcareous.		
		137.32	7				Claystone, very carbonaceous, very dark grey, black.		
					456'/138.99				
		137.93	61				As above.		
	137.93	138.15	22				Coal loss.		
	138.15	138.28	13				Claystone, pulverized, grey, possibly small minor fault zone.		
	138.28	138.42	14				Claystone, carbonaceous, sheared surface.		
	138.42	138.46	4				Coal C4		
		138.61	15				Coal C1		
					457'/140.51				
	138.61	138.67	6				Claystone, carbonaceous.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7814 SHEET No: 35
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		138.97	30				Claystone, medium grey, minor carbonaceous fragments, massive, not calcareous, slightly silty.		
	138.97	139.20	23				Coal loss.		
							Top of Box 56		
					462	/140.82			
	139.20	140.18	98				Claystone, as before.		
		141.00	82				Claystone, dark grey, and medium grey bands, slightly silty and hard, minor calcite fractures, minor carbonaceous material.		
					467	/142.34			
		141.35	35				As above.		
		141.60	25				Siltstone, dark grey, coaly lens 2 or 3 mm, calcareous.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 36

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							Top of Box 57		
		142.24	64				As above, clay bands, very dark grey, bedding disturbed.		
		142.64	40				Sandstone, very fine grain, grey, minor carbonaceous laminae finely laminated with soft sediment deformation, calcareous.		
					4711/143.56				
		143.76	112				Siltstone, as before.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 37

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 58		
		144.16	40				Siltstone, highly broken, coaly inclusion.		
					476'	/145.08			
		144.26	10				Siltstone missing.		
		144.35	9				Coaly claystone.		
	144.35	144.62	27	27			C1		
	144.62	144.85	23	23			Coal loss.		
	144.85	144.89	4	4			Coaly.		
	144.89	145.80	91	91	481'	/146.61	Coaly claystone loss.		
	145.80	145.90	10	10			C3, highly broken, partly sheared.		
	145.90	146.10	20	20			Coaly claystone, sheared, broken.		
	146.10	146.23	13	13			C3		
2°	146.23	146.26	3	3			C4		
	146.26	146.51	25	25			C2, highly broken at base.		
	146.51	146.58	7	7			Coaly claystone.		
	146.58	146.62	4	4			C3		
	146.62	146.74	12	12			Coaly claystone.		
	146.74	147.06	32	32			Coal loss C-4		
	147.06	147.15	9	9			C4		
		147.19	4				Carbonaceous claystone.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 38

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 59		
2°		148.39	120		486'/148.13		Claystone, very dark grey, black, carbonaceous with coaly laminae to 3 mm.		
		148.53	14				Claystone, dark grey, interbedded, slightly carbonaceous, and hard.		
					491'/149.66				
		149.32	79				As above.		
							Top of Box 60		
		149.63	31				As above, slightly more carbonaceous, broken at bottom.		
		150.06	43				Siltstone, dark grey to medium grey, massive, slightly calcareous.		
					496'/151.18				
		150.93	87				As above, grades to unit below.		
		151.46	53				Sandstone, very fine, medium grey, massive, slightly calcareous.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 39

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 61		
		151.59	13				As above, slightly laminated, more calcareous.		
					501	/152.70			
		152.98	139				As above, slightly laminated throughout, light brown-grey nodules occasional minor irregular calcite fractures.		
		153.13	15				Siltstone, gradation from above, sandy, calcareous, medium grey to dark grey, deformed bedding.		
					506	/154.23			
		153.39	26				As above.		
		153.57	18				Sandstone, fine grain, massive to slightly laminated, medium grey, not calcareous.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7814 SHEET No: 40
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 62		
		154.67	110				As above.		
					511	/155.75			
		155.69	102				As above, becoming slightly calcareous.		
							Top of Box 63		
		156.28	59				As above, becomes laminated and cross bedded, calcareous minor coaly stringers near base.		
					516	/157.28			
		157.66	138				As above, laminated and cross bedded with coaly stringers, fine to medium grain, 40 cm, fine grain and massive at bottom and clean.		
					521	/158.80			
		157.79	13				As above, massive.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 41
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 64		
		159.22	143				Top 94 cm massive with some claystone fragments towards base, remainder laminated and crossbedded with coaly stringers.		
					526'	/160.32			
		159.92	70				As above, laminated, cross bedded, coaly stringers.		
							Top of Box 65		
		160.64	72				As above, fine to medium grain, laminated and cross bedded, lenticular claystone fragments 15 - 20cm from top, coaly stringers at base.		
					531'	/161.85			
		162.04	140				As above, top 50 cm coaly stringers and claystone fragments, rest clean.		
							Top of Box 66		
Approx 0°		162.18	14				As above.		
					536'	/163.37			
		163.64	146				As above, medium grey.		
					541'	/164.90			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 42

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		164.16	52				As above, medium to coarse grain interbedded.		
							Top of Box 67		
		164.54	38				As above, coarse grain.		
		165.16	62				Conglomerate, coarse zone of above, grey, pebbles up to 0.7 cm average 0.4, sandy calcareous matrix.		
					546'	166.42			
		166.10	94				As above, 20 cm sandy zone.		
		166.22	12				Sandstone, very fine to fine grain, grey to dark grey, minor carbonaceous laminae, laminated with soft sediment deformation, some silty laminae up to 1 cm.		
							Top of Box 68		
		166.60	38				As above.		
					551'	167.94			
13°		168.06	146				As above.		
					556'	169.47			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 43
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		168.29	23				As above.		
							Top of Box 69		
16°		169.62	133				As above.		
					561' /170.99				
		170.08	46				As above.		
		170.39	31				Claystone, very dark grey, silty at top, carbonaceous, coaly lens up to 1 cm occasionally.		
							Top of Box 70		
		170.70	31				As above, not silty.		
		172.12	142				As above, top 2/3 contains light grey interbanded lens, hard and calcareous, bottom 15 cm broken.		
		172.69	57				Claystone missing.		
					571' /174.04				
		172.89	18				As above, carbonaceous and coaly.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No.: BD 7814 SHEET No.: 44

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 71		
5°		173.70	83				Claystone, dark grey, partly carbonaceous, regular bedding.		
	173.70	173.80	10	10			Coal loss.		
	173.80	174.20	40	40			C1, highly broken, partly pulverized.		
	174.20	174.40	20	20			Claystone loss.		
	174.40	174.60	20	20			Coal loss.		
	174.60	174.80	20	20			Claystone loss.		
	174.80	174.90	10	10			Coaly claystone.		
	174.90	175.16	26	26			Coal loss.		
	175.16	175.26	10	10	576'/175.56		C2		
		175.42	16	16			C4		
					472 lb				
		175.93	51	51			C2, highly broken.		
							Top of Box 72		
5°		176.60	67	67			C2, highly broken.		
					581'/177.0-				
		176.80	20	20			C1		
		176.90	10	10			C2		
		177.30	40	40			C1		
		177.48	18	18			C2		
		177.83	35	35			C1, highly broken, partly pulverized.		
	177.83	177.90	7	7			C3		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 45
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 73		
	177.90	178.20	30	30			C1		
	178.20	178.36	16	16			Claystone loss.		
	178.36	178.50	14	14			Coaly claystone.		
	178.50	178.90	20	20			Coal loss		
	178.70	178.90	20	20			C2, pulverized and broken		
		179.03	13		591' / 180.14		Carbonaceous claystone.		
		179.28	25				As a bove.		
5°		180.27	99				Sandstone, fine grain, silty laminae occaionally, some carbonaceous fragments, some cross bedding towards base.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 46
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 74		
		180.58	31				Sandstone, very fine to fine grain, minor carbonaceous laminae, grey, calcareous, laminated and cross bedded, soft sediment deformation in few silty zones.		
					596 / 181.66				
		182.12	154				As above, broken near centre with minor slicken sides and calcite fractures, irregular.		
					601 / 183.18				
		182.21	9				As above, fine grain.		
							Top of Box 75		
22°		183.63	142				As above, fine grain, crossbedded, laminated, cleaner sand, more calcareous.		
		184.38	75				As above.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7814 SHEET No: 47

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							Top of Box 76		
		185.21	83		611'	/186.23	As above.		
		186.56	135				As above.		
							Top of Box 77		
		186.75	19		616'	/187.76	As above, fine to medium grain.		
		188.29	154		621'	/189.28	As above.		
		188.68	39				As above.		
							Top of Box 78		
18°		189.83	115		626'	/190.80	As above.		
		190.85	102				As above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 48

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 79		
		191.43	58		631	/192.33	As above, finely laminated, fine grain.		
		191.54	11				As above.		
		192.44	90				Siltstone, dark grey, calcareous, minor carbonaceous material, bedding soft sediment deformed, sandy bands up to 1 cm, clayey towards base where gradational to next unit.		
		192.84	40				Claystone, very carbonaceous, coaly towards base, silty at top, 4 cm C4 at base.		
					636	/193.85			
	192.84	193.06	22				Coal C1		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 49

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 80		
		193.23	17				As above (C1)		
		193.43	20				Coal missing.		
		193.70	27				Claystone, coaly with coal (C1) bands up to 2 cm, broken and very broken at base.		
		193.90	20				Coal C3 very broken.		
		194.02	12				Coal missing.		
		194.15	13				Coaly claystone.		
		194.19	4				Coal C4		
		194.42	23				Coaly claystone.		
					641'	195.38			
		194.62	20				Coal C3 with C4 bands up to 2 cm.		
		195.27	65				Claystone, dark grey, slightly carbonaceous, very silty bottom 35 cm.		

DENISON MINES LIMITED
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DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 50
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		195.53	26				sandstone, very fine, silty, indistinct bedding bioturbated, dark grey, calcareous Top of Box 81		
		195.91	38			646'/196.90	as above		
		197.09	118				as above		
		197.49	40			651'/198.42	sandstone, siltstone, very fine grained, silty in sandy zones up to 25 cm, not distinctly laminated, calcareous, bedding deformed		
		197.69	20				as above		
							Top of Box 82		
		199.01	132			656'/199.95	as above		
		199.82	81				as above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 51

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of box 83		
18°		200.20	38				As above.		
		200.49	29				Siltstone, Sandstone, Claystone, interbedded, beds vary from 4mm to 2 cm, more distinct minor soft sediment deformation and bioturbated, gradational from above.		
					661'	/201.47			
		202.00	151				As above.		
					666'	/203.00			
							Top of Box 84		
		202.02	2				Claystone, coaly.		
	202.02	202.13	11				Coal C3 with C4 band 4 cm from bottom.		
		202.29	16				Coal missing.		
		203.51	122				Siltstone, sandstone, claystone, as before with large calcite fractures along core axis.		
					671	/204.52			
		203.79	28				As above.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 52

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	204.36		57				Claystone, silty, dark grey, top 15 cm, carbonaceous with coaly stringers up to 2 mm.		
							Top of Box 85		
9°	204.63		27				As above, with fine sandy laminae.		
		204.94	31				Clystone, very dark grey, carbonaceous, and coaly.		
					676	/206.04			
		206.22	128				As above, broken, pulverized, core loss, minor shearing hard, calcareous, light brown-grey zones, 40 cm from bottom. Coal lens up to 3 mm.		
					681	/207.57			
		206.38	16				As above, silty, less carbonaceous.		
							Top of Box 86		
		206.59	21				As above, coaly and carbonaceous bottom 14 cm, very broken (almost pulverized).		

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DENISON MINES LIMITED (COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 53

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		207.47	88				As above, becomes perdominately silty and carbonaceous with silt.		
		207.63	16		686	/209.09	Claystone, very coaly, broken in places.		
		208.46	83				As above, with a 6 cm C3 band 25 cm fro, top, bottom 5 cm very coaly, and completely broken.		
							Top of Box 87		
	208.46	208.51	5				Coal C4		
		209.00	49				Coal C4 missing.		
		209.10	10				Claystone, coaly, completely broken.		
		209.28	18				Claystone missing.		
		209.48	20				Coal, C3 minor bright bands, generally dull.		
					691	/210.62			
		209.51	3				As above.		
		209.98	47				Coal missing.		
		211.37	139				Claystone, very carbonaceous and coaly, with a 16 cm silty zone 44 cm from bottom.		
					696	/212.14			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BR 7814 SHEET No: 54
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		211.55	18				Siltstone, dark grey, transition above and below, calcareous.		
		211.68	13				Sandstone, fine grain to very fine grain, silty bands, laminated and cross bedded with soft sediment deformation, calcareous, grey.		
							Top of Box 88		
		212.10	42				As above		
		212.82	72				Siltstone, dark grey, with gradational clay zones up to 15 cm, fairly carbonaceous where clayey, calcareous.		
					701'/213.66				
		213.22	40				As above		
		213.76	54				Sandstone, fine and very fine interbedded with siltstone and claystone, bioturbated and soft sediment deformation, minor coaly stringers up to 2 mm.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7814 SHEET No: 55

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							Top of Box 89		
		214.28	52		706'/215.19		As above.		
		215.80	152				As above.		
					711'/216.71				
		215.89	9				As above.		
							Top of Box 90		
2°		217.39	150				As above.		
					716'/218.24				
		217.79	40				As above, predominately sandstone.		
		218.01	22				Siltstone, with very fine sandstone and claystone interbeds bioturbated and soft sediment deformation.		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7814 SHEET No: 56

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 91		
		218.85	84				As above		
					721	/219.76			
		220.11	126				As above.		
							Top of Box 92		
		220.34	23				As above.		
					726	/221.28			
		221.37	103				As above		
16°		221.86	49				Sandstone, with siltstone and claystone, this unit contains large irregular calcite filled fractures, crystalline.		
					731	/222.81			
		222.22	36				As above.		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7814 SHEET No: 57
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 93		
		222.72	50				As above.		
		223.36	64				Claystone, silty in places, large irregular coaly stringers, possibly associated with bioturbation, large calcite filled fractures, irregular, very dark grey and carbonaceous.		
					736'/224.33				
		224.18	82				As above, very carbonaceous and coaly in places.		
							Top of Box 94		
		224.21	3				C-4		
		224.34	13				Claystone, very coaly.		
					741'/225.85				
	224.34	224.44	10				Coal C3		
	224.44	225.00	56				Coal loss.		
	225.00	225.63	63				Claystone, dark to light grey, soft, massive, bioturbation, grades to unit below, not calcareous.		
		226.44	81				Sandstone, siltstone, claystone, interbedded, finely laminated with bioturbation, dark grey, calcareous.		
					746'/227.38				

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7814 SHEET No: 58
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		226.77	33				As above.		
							Top of Box 95		
12°		227.86	109				As above.		
		228.86	100				As above, top 30 cm very silty.		
							Top of Box 96		
		229.20	34				Claystone, very dark grey, carbonaceous top 10 cm silty, gradational from above.		
					756'/230.43				
		229.52	32				As above, very coaly, particularly towards base.		
6°	229.52	229.61	9				Coal, C2 (Bright and dull bands).		
		229.72	11				Coal missing.		
		229.81	9				Claystone, very carbonaceous.		
		230.63	82				Claystone, carbonaceous with lighter grey, hard, silty bands in centre, dark and more carbonaceous towards base.		
					761'/231.95				

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 59
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
		230.66	3				Coaly claystone.		
	230.66	230.84	18				Coal C1		
		230.94	10				Coal missing. C4		
		230.96	2				Coal C4		
		231.12	16				Siltstone, carbonaceous and very dark grey to black, almost sandy, massive.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7814 SHEET No: 60
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 97		
		232.06	94				Sandstone, fine grain, regular, interbedding, some coaly stringers.		
					766'/233.48				
	232.06	232.17	11	11			Coal loss.		
	232.17	232.35	18	18			C2		
	232.35	232.45	10	10			Claystone loss.		
	232.45	232.50	5	5			Carbonaceous claystone.		
	232.50	232.77	27	27			C2, highly broken, pulverized.		
	232.77	232.86	9	9			C2		
	232.86	232.97	11	11			Coaly claystone.		
	232.97	233.07	10	10			C3		
2°		233.20	13	13			C1		
							Top of Box 98		
	233.20	233.40	20	20			C1		
		233.80	40		771'/235.00		Carbonaceous claystone.		
		234.38	58				As above.		
2°		234.69	31				Siltstone, coaly stringers.		
		234.89	20				Carbonaceous claystone, coaly at top.		
					776'/236.52				

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 61
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	235.89	235.01	12				Coaly claystone.		
	235.01	235.11	10				C1, pulverized.		
							Top of Box 99		
		235.40	29				C2, highly broken, pulverized.		
	235.40	235.60	20				Claystone loss		
	235.60	236.04	44				Coal loss.		
	236.04	236.43	39				Carbonaceous claystone, thin coal layers.		
		236.48	5				C4		
		236.86	38				Carbonaceous claystone as before.		
					781'/238.05				
		237.13	27				As above.		
		237.23	10				Claystone missing.		
		237.28	5				C1 highly broken.		
		237.82	54				Silty claystone, carbonaceous fragments, more silty -sandy at base.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7814 SHEET No: 62

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
5°		238.54	72				Top of Box 100 Sandstone, very fine grain to fine grain, interbedded with siltstone and minor claystone, laminated, bioturbated, calcareous, soft sediment deformation, some large irregular calcite fractures.		
					786	/239.57			
		239.85	131				As above, no calcite fractures.		
		239.90	5				Sandstone, gradational from above less silty, still silty bands very fine to fine grain.		
							Top of Box 101		
10		240.07	17				As above.		
					791	/241.10			
		240.76	69				As above.		
		241.11	35				Silty zone of above.		
		241.54	43				Sandstone, fine grain, as above.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7814 SHEET No: 63
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		241.64	10				Sandstone, siltstone, as before, laminated soft sediment deformation, irregular calcite fractures throughout this unit into box 102.		
					796 / 242.62				
		242.06	42				As above.		
							Top of Box 102		
		243.33	127				As above, bottom 50 cm broken, minor shearing associated with calcite fractures.		
					801 / 244.12				
		244.25	92				As above, very silty, calcite fractures continue less broken.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 64

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 103		
12°		244.53	28		805'/245.36		Silty claystone, carbonaceous laminae.		
5°		245.42	89				As above.		
					808'/246.28				
					811'/247.19				
		245.75	33		816'/248.72		Carbonaceous claystone, broken, slicks		
		246.15	40				Carbonaceous claystone, coaly stringers, highly broken		
							Top of Box 104		
		246.85	70				As above.		
		248.84	199				Claystone missing.		
	248.84	248.96	12				Coal missing.		
	248.96	249.34	38				C2 highly broken.		
					821'/250.24				
		249.44	10				Carbonaceous claystone, slickensides, coal stringers.		
		250.22	78				Silty claystone, carbonaceous laminae and fractures,		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 65
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 105		
	250.63	41					Claystone, very dark grey, carbonaceous, with coaly stringers, silty, broken along carbonaceous laminae, becomes silty at base and grades to unit below.		
	250.81	18					Siltstone, dark grey, not calcareous.		
					826	826'/251.76			
	251.04	23					As above, grades to unit below.		
	252.26	122					Sandstone, dark grey, minor carbonaceous material, very fine with fine grain 10 cm, sandstone at centre not distinctly laminated silty throughout; calcareous.		
						831'/253.29			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7814 SHEET No: 66
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 106		
16°		253.78	152				As above, becomes slightly coarse grain with more distinct laminae (minor calcite fractures, sub parallel (F.C.A. 67°)).		
						836'/254.81			
		254.15	37				As above, generally fine grain claystone, rip up clasts at base.		
		254.36	21				Sandstone, fine grain to medium grain, light to medium grey, distinct laminae and cross bedded, calcareous.		
							Top of Box 107		
		255.38	102				As above.		
					841'/256.34				
		256.56	118				As above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7814 SHEET No: 67
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 108		
		256.93	37				As above.		
					846'	/257.86			
		257.88	95				As above.		
		258.46	58				Sandstone, fine grain, medium grey, calcareous, laminated with minor cross bedding, minor soft sediment deformation.		
					851'	/259.38			
		258.69	23				As above.		
							Top of Box 109		
		260.03	134				As above, becoming very fine grain, with silty laminae, soft sediment deformation and not cross bedded.		
					856'	/260.91			
		260.88	85				As above, very fine grain and very silty.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 68
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 110		
7°		261.21	33				As above, grades to unit below.		
		261.58	37				Siltstone, dark grey, minor carbonaceous fragments, finely laminated with silty, sandy, clayey material, soft sediment deformation, calcareous.		
					86	/262.43			
		263.11	153				As above, becomes clayey to base with bottom 9 cm silty claystone and not calcareous, at centre of interval unit broken with irregular calcite fractures, slicken sides.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7814 SHEET No: 69

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 111		
					866	263.96			
		264.42	131				Claystone dark grey, uniform, massive, parallel bed.		
		264.52	10				Carbonaceous claystone, slickensides, broken.		
	264.52	264.70	18	18			C3		
	264.70	264.79	9	9			Coaly claystone.		
	264.79	265.03	24	24			Claystone loss.		
	265.03	265.20	17	17			C2		
	265.20	265.30	10	10			Coaly claystone		
6°	265.30	265.37	7	7	4724		C2		
							Top of Box 112		
		265.57	20	20			C3		
		265.75	18	18			C2		
		265.97	22	22			C3		
					876	267.00			
		266.83	86	85			C2		
	266.83	267.60	77	76			Coal loss.		
		268.09	49				Coaly claystone, highly broken, sheared at top.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7814 SHEET No: 70

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 113		
		268.16	7				Claystone, dark grey, carbonaceous fragments, soft, broken, not calcareous.		
		269.13	97				Sandstone, fine grain, medium grey, massive not calcareous.		
					885'/270.05				
		270.22	109				As above, with a few minor carbonaceous stringers.		
							Top of Box 114		
		270.55	33				As above.		
					891'/271.58				
		271.96	141				As above, with pebbles throughout, top 89 cm, occasional concentrated, pebbles well rounded and up to 3 cm in diameter, generally average 7 mm in diameter.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 71
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
40		272.00	4				Conglomerate, Coarse band of above sandstone, pebbles average 5 mm and up to 2 cm in diameter.		
					8961	293.10			
		272.21	21				As above, with sandstone band 5 cm in middle.		
		272.30	9				Sandstone, as before, massive fine grain, not calcareous.		
							Top of Box 115		
		273.52	122				As above, slightly laminated with large cross beds.		
		274.51	99				As above, coarse grain at base.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 72

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 116		
		275.08	57				As above, coarse grain near top with coarse grain laminae with small pebbles throughout, 10 through 20 cm from top a couple of 4 cm claystone bands, very dark grey.		
					905	/276.12			
11°		275.47	39				As above, sandstone, fine grain, medium grey, laminated.		
		275.57	10				Conglomerate, pebbles average 1 cm.		
		276.54	97				Sandstone, as before, some pebbles at base.		
					911	/277.67			
		276.66	12				As above.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 73

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 117		
		278.10	144				As above, a few scattered pebbles.		
					916'				
		278.84	74				As above, a few pebbles and large indistinct crossbeds.		
							Top of Box 118		
		279.26	42				As above, medium to coarse grain to base.		
	279.26	279.63	37				Claystone, silty, very dark grey, sandstone bands up to 1 cm occasionally, sandstone calcareous as are coarser silty zones, bedding bioturbated (worm burrows).		
						921'			
		280.99	136				As above.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7814 SHEET No: 74

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 119		
		281.27	28				As above.		
					926'	/282.24			
8°		282.73	146				As above, sandstone bands more frequent.		
					931'	/283.77			
		283.20	47				As above.		
							Top of Box 120		
		284.35	115				As above.		
					936'	/285.29			
		285.43	108				As above.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7814 SHEET No: 75

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 121		
		285.62	19				As above.		
					941'/286.82				
		287.21	159				As above, sandy zones up to 7 cm becoming very silty in places.		
					946'/288.34				
4°		287.54	33				As above.		
							Top of Box 122		
		288.77	123				As above.		
		289.79	102				As above, becoming sandier and siltier with some fine grain sandstone bands bioturbation continues.		
					951'/289.86				

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7814 SHEET No: 76
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 123		
		290.08	29				As above, very sandy and silty unit below increases sandstone content.		
		290.27	19				Sandstone, with claystone and siltstone inderbeds up to 8 cm, very dark grey and very fine grain with some fine grain zones up to 4 cm thick, calcareous and bioturbated, finely laminated if not disturbed.		
					956'/291.39				
2°		291.80	153				As above, minor carbonaceous laminae becoming predominate sandstone at base.		
					961'/292.91				
		291.90	10				As above.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 77

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 124		
		292.27	37				As above.		
		292.57	30				Conglomerate, pebbles average 1 cm well rounded with medium grain sandstone matrix and a couple of 2.7 cm fine grain sandstone bands, dark grey and massive.		
		293.33	76				Sandstone, fine grain, medium grey, calcareous, massive to slightly laminated at base, large calcite fractures with minor associated fractures, almost parallel to core axis, possible minor fault, unit broken slightly.		
					966'/294.44				
5°		293.85	52				As above, more distinctly laminated with large cross beds, irregular calcite fractures in bottom 20 cm.		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 78
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 125		
		295.00	115				As above, irregular calcite fractures, core broken.		
					971'/295.96				
		295.87	87				As above, in next 4 boxes there are a few calcite fractures with an F.C.A. of approximately 28°,		
							Top of Box 126		
		295.56	69				As above.		
		298.03	147				As above, unit remains only slightly laminated with a few large cross beds.		
					976'/297.48				

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7814 SHEET No: 79

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 127		
		298.11	8				As above.		
					981'/299.01				
		299.65	154				As above.		
					986'/300.53				
		300.19	54				As above.		
							Top of Box 128		
60		301.16	97				As above.		
					991'/302.06				
		302.36	120				As above.		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7814 SHEET No: 80

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 129		
		302.48	12				As above.		
					996'/303.58				
		302.59	11				Claystone, silty, dark grey.		
		304.02	143				Sandstone, as before with a few claystone rip up clasts in top 40 cm.		
					1001'/305.10				
		304.06	4				As above.		
		304.45	39				Silty claystone and sandstone interbedded, broken in places.		
		304.55	10				Sandstone, As before.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 81
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 130		
		305.02	47				As above		
		305.22	20				Claystone sandstone interbed		
		305.63	41				Sandstone as above		
						1006/306.63			
5°		306.80	117				As above Claystone rip up clasts at top		
							Top of Box 131		
		307.24	44				As above		
						1011/308.15			
		308.82	158				As above		
						1016/309.68			
		308.98	16				As above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7814 SHEET No: 82

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							Top of Box 132		
		309.06	8				Silty Claystone		
		310.29	123				Sandstone as before		
						1021/311.20			
		311.22	93				As above		
							Top of Box 133		
		311.90	68				As above		
						1026/312.72			
8°		312.78	88				As above		
		313.00	22				Claystone sandstone interbeds.		
		313.38	38				Sandstone as above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 83
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 134		
						1031/314.25			
		313.95	57				As above		
		314.20	25				Sandstone Claystone interbeds.		
		314.47	27				Sandstone as before		
							*next measured intervals are sandstone claystone interbeds, silty, sandstone beds up to 10 cm silty claystone up to 7 cm, moosebar transition, bioturbated, some soft sediment deformation contacts generally sharp, siltstone claystone gradational, coarse material calcareous.		
		314.88	41				As above		
						1036/315.77			
		315.56	68				As above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 84
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 135		
		316.37	81				As above Irregular calcite fracture at bottom 30 cm.		
						1041/317.30			
		317.74	137				As above		
							Top of Box 136		
		317.97	23				As above		
						1046/318.82			
		319.42	145				As above		
						1051/320.34			
		319.87	45				AS above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 85

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							Top of Box 137		
		320.95	108				As above couple of calcite fractures.		
						1056/321.87			
10°		321.97	102				As above		
							Top of Box 138		
10°		322.35	38				As above		
						1061/323.39			
		323.87	152				As above irregular calcite fractures near base.		
						1066/324.92			
		323.95	8				As above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7814 SHEET No: 86
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 139		
6°		324.59	64				As above		
		325.38	79				Sandstone with only a couple of claystone interbeds 5 cm, top 8 cm many irregular calcite fractures, few calcite fractures through out as well as core below.		
		325.44	6				Interbedded sandstone Claystone as above		
						1071/326.44			
		326.10	66				As above		
							Top of Box 140		
2°		327.08	98				As above bottom 50 cm sheared and broken with calcite throughout. some competent sections of core. small splay fault		
						1076/327.96			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 87

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
18°		328.13	105				As above Calcite fractures irregular throughout, bedding disrupted by faulting, shearing throughout sandstone predominantly laminated with large crossbeds.		
							Top of Box 141		
29°		328.70	57				As above predominantly sandstone with many irregular calcite fractures, sandstone remains calcareous.		
						1081/329.49			
		329.10	40				As above competent, brecciated, sandstone at bottom not calcareous.		
	329.10	329.60	50				Coal Missing		
		330.04	44				As above Broken and pulverized in places with shearing, core loss.		
						1086/331.01			
		330.67	63				As above completely broken sheared, core loss, predominantly claystone slightly silty		
		330.97	30				Core missing, rock		
						1089/331.93			

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 88
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top OF Box 142		
15°		331.35	38				Siltstone Claystone few interbeds, laminated, few irregular calcite fractures, sheared surfaces, broken at top and bottom, core loss, rock not calcareous, minor bioturbated.		
						1091/332.54			
49°		333.07	172				As above very broken and sheared throughout, some coaly laminae and stringers up to 2 mm, irregular calcite fractures.		
							Top of Box 143		
		333.17	10				As above, calcite fracture		
		333.97	80				Core missing, fractures throughout		
29°		334.58	61				Siltstone few laminae, irregular calcite fractures abundant throughout. In one location bedding has been folded and overturned, probably small drag fold.		
						1101/335.58			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 89

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		335.47	89				Claystone sheared and broken, particularly in very carbonaceous zones. 10 cm very carbonaceous zone 5 cm from bottom. Generally dark grey with some lighter brownish grey bands.		
		335.94	47				Sandstone Fine grained, medium grey, small irregular calcite fractures throughout, unit appears brecciated. It is competent, calcareous.		
							Top of Box 144		
		336.14	20				As above		
						1106/337.11'			
		336.53	39				As above		
35° (top of interval)		337.56	103				Sandstone fine grained, medium grey, dark grey, laminated and cross bedded, medium grained in places, the BCA becomes almost 11 to core axis (80°) about 30 cm from base of interval. irregular calcite fractures throughout, calcareous.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 90

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						1111/338.63			
33°		338.04	48				As above		
							Top of Box 145		
		338.33	29				As above		
28°		338.95	62				Sandstone very fine grained, dark grey, calcareous, irregular calcite fractures throughout, laminated with soft sediment deformation.		
		339.13	18				Siltstone dark grey, sandy, many irregular calcite fractures, gradational from above		
						1116/340.16			
		340.19	106				As above bottom 50 cm less sandy The interval is actually brecciated with large cemented fragments of very fine grained sandstone and siltstone, calcite is interstitial.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 91
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 146		
		340.61	42				As above bottom 20 cm broken with coaly stringers and laminae		
						1121/341.68			
		340.92	31				As above competent		
		341.61	69				Claystone very dark grey to black, minor calcite fractures, highly sheared and broken, carbonaceous and coaly laminae, core loss.		
						1124/342.60			
		341.69	8				As above Top broken, core loss		
		341.80	11				As above broken, core loss, carbonaceous		
	341.80	342.10	30	26			Coal Loss		
	342.10	342.19	9	8			Claystone very coaly, sheared, broken		
28°	342.19	343.00	81	72			Coal Loss		
	343.00	343.25	25	22			Claystone silty irregular, calcite fractures gradational to unit below.		
	343.25	343.50	25	22			Coal Loss		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7814 SHEET No: 92

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		343.74	24				Siltstone very dark grey, irregular calcite fractures throughout, shearing along carbonaceous laminae		
						1131/344.73			
		343.89	15				As above		
FAULT							Top of Box 147		
28° 90° 78°		345.21	132				As above laminated with very fine grained sandstone 15 cm from top, appears brecciated, immediately above bca 28° becomes ll to core axis, turns over to 78°, calcite fractures decrease - bottom core broken at base. Core is overturned at top, upright at base.		
							Note: Faulted zone from 327M to 345M		
						1136/346.25			
72°		346.08	87				As above very few calcite fractures		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 93
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	q						Top of Box 148		
72°		346.67	59				As above		
						1141/347.78			
67°		348.29	162				As above 1 minor calcite fracture		
							Top of Box 149		
						1146/349.30			
		349.10	81				As above Grades to unit below a few minor calcite fractures, soft sediment deformation.		
52°		349.76	66				Sandstone very fine, interbeds of siltstone, gradational above and below dark grey,		
						1151/350.82			
50°		350.42	66				Sandstone very fine to fine grained, laminated, becoming cross bedded towards base as unit becomes coarser.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 94

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box150		
45°		351.28	86				As above almost massive in places, a couple of large calcite fractures, with smaller associated fractures parallel to core axis. Becomes very fine grained at base.		
						1156/352.35			
51°		352.00	72				Siltstone with very fine sandstone interbeds, clayey near top, sandier towards base, gradational above and below.		
		352.60	60				Sandstone very fine and fine grained interbedded with siltstone, large calcite fractures, parallel to core axis		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 95
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							Top of Box 151		
		352.79	19				AS above		
						1161/353.87			
51°		354.35	156				As above		
						1166/355.40			
		354.58	23				As above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 96

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 152		
		355.16	58				Sandstone/Siltstone very fine grained, dark grey, interbedded, laminated, with soft sediment deformation, minor bioturbation, calcareous.		
		355.61	45				Claystone Silty dark grey, sheared and broken slightly		
		355.86	25				Sandstone very fine grained, dark grey, minor carbonaceous stringers, interlaminated with siltstone, minor soft sediment deformation calcite fractures at base of interval		
						1171/356.92			
		356.66	80				As above		
							Top of Box 153		
		357.35	69				As above silty and bioturbated at base		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 97
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
						1176/358.44			
		357.81	46				Siltstone gradational above and below		
		358.78	97				Sandstone very fine to fine grained, silty laminae; calcareous		
							Top of Box 154		
45°		358.90	12				AS above		
						1181/359.97			
		359.98	108				As above becomes very silty towards base, grades to claystone below. At base a 1.5 cm hard greenish band, high concentration of Pyrite.		
		360.25	27				Claystone black, carbonaceous , broken		
						1186/361.49			
		360.39	14				As above Some carbonaceous shear surfaces, very broken		
		360.70	31				Claystone Missing		
		360.74	4				Claystone Coaly lystric surfaces		
	360.74	362.12	138	106			Coal Loss		
	362.12	362.31	19				Claystone Carbonaceous, lystric surfaces, minor calcite fractures		
						1191/363.02			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7814 SHEET No: 98
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		362.39	8				As above		
							Top of Box 155		
34°		362.76	37				As above slightly silty, fairly competent		
		363.10	34				Claystone very carbonaceous with shearing and irregular calcite filled fractures, very broken		
		363.62	52				Claystone Missing coaly		
						1196/364.54			
	363.62	363.99	37				C4 broken at top with lystric shear surfaces		
		364.63	64				claystone carbonaceous with lystric surfaces		
		365.06	42				Claystone missing		
						1201/366.00			
							END OF HOLE		

Form 71-0150-R04

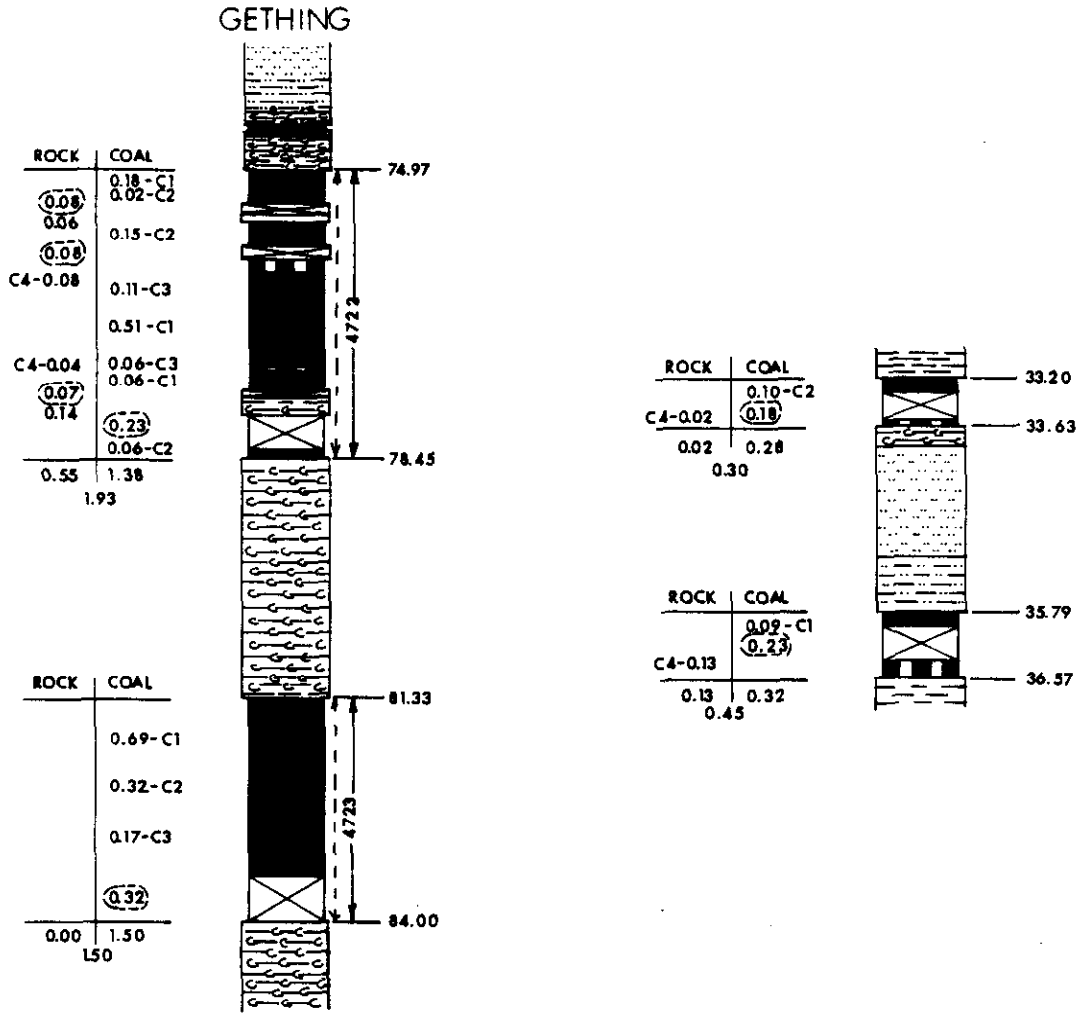
BELCOURT PROJECT

MINING SECTION SUMMARY

Hole No. BD 7815 Bearing 46° Angle 80° Total Depth 152.65 m

Coordinates 37829.10 N - 84342.03 E Collar Elevation 1677.84 m

Seam	Zone	Elevation (base)	Drilled Interval	True Thickness	Coal/Rock	Core Recovery%	Sample I.D.
	*	1595.12	81.33 - 84.00	1.50	1.50/0.00	78.3	4723
	*	1600.58	74.97 - 78.45	1.93	1.38/0.55	75.6	4722
	*	GETHING COAL		3.43			



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

} BASED ON VISUAL ESTIMATES

- C4 COAL >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- MINING SECTION
- SAMPLE INTERVAL & NUMBER
- COMPOSITE SAMPLE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

BELCOURT
SEAM DETAILS
BD 7815

DRAWN BY: J.H.	DATE: FEB. 1979	SCALE: 1 : 50
PREPARED BY: I.D.	DATE: " "	DRAWING NUMBER
APPROVED BY: G.P.G.	DATE: " "	BLCB 79-0827-R01

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7815 SHEET No: 1
DATE BEGUN: ____ DEPTH: ____ BEARING: 46° U.T.M.: ____
DATE FINISHED: October, 1978 ELEV. COLLAR: 1677.84 M TOTAL DEPTH: 152.65 COAL LICENSE: ____
LAT.: ____ HOLE ANGLE: ____ LOGGED BY: I. Delas/D. Johnson CORE SIZE: HQ

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	0.00	3.59					Casing		
							Top of Box 1		
						10'/3.04			
	3.59	5.00	1.41				Sandstone, medium grained to coarse grained, dark grey to medium grey, weathers tan brown, slightly laminated to massive, minor irregular calcite fractures, few well rounded pebbles up to 1 cm diameter, not calcareous		
						15'/4.57			
		5.69	69				as above, broken at top		
							Top of Box 2		
		6.52	83				as above, coaly carbonaceous laminae at bottom		
						20'/6.10			
54°		7.83	131				as above		
							Top of Box 3		
		8.04	21				as above, carbonaceous material at base		
						25'/7.62			
		9.52	148				as above, coarse grained to very coarse grained, with several carbonaceous stringers		
						30/9.14			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7815 SHEET No: 2

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		9.82	30				as above		
							Top of Box 4		
		10.04	22				as above		
						32'/9.75			
		10.80	76				as above		
	10.80	10.91	11				claystone, dark grey, some carbonaceous material with shearing along carbonaceous laminae		
						35'/10.67			
		11.13	22				as above		
		11.85	72				conglomerate, coarser zone of sandstone pebbles up to 1.5 cm, weathers brown, a few carbonaceous stringers, sandy matrix, Few irregular calcite fractures, coarse, sandy zone 18 cm near base		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7815 SHEET No: 3

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 5		
		12.55	70				as above, 24 cm pulverized carbonaceous zone in centre, possible minor fault		
						40'/12.19			
		12.77	22				as above		
43°		13.88	111				sandstone, as before		
							Top of Box 6		
		14.10	22				as above		
						45'/13.72			
		15.64	154				as above, coarse to very coarse grained, very pebbly in places		
						50'/15.24			
		15.72	8				as above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7815 SHEET No: 4

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 7		
		16.57	85				as above, very pebbly		
		16.81	24				conglomerate, as before, no carbonaceous material		
		17.24	43				sandstone, as before, very pebbly		
						55'/16.76			
		17.74	50				as above		
							Top of Box 8		
		18.80	106				as above		
						60'/18.29			
50°		19.70	90				as above, pebbly bands up to 5 cm		
							Top of Box 9		
		20.33	63				as above		
						65'/19.81			
		21.29	96				as above, bottom 26 cm, broken		
		21.57	28				as above, carbonaceous and coaly, broken rusty		
		21.63	6				as above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7815 SHEET No: 5

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 10		
		21.78	15				as above, very coarse grained and pebbly		
						70'/21.34			
		23.26	148				as above, very coarse grained and pebbly, broken with possible core loss		
						75'/22.86			
							Top of Box 11		
		24.78	152				as above, coarse grained, very pebbly at top where it is broken with carbonaceous stringers possible loss		
						80'/24.38			
		25.14	36				as above, coarse grained		
							Top of Box 12		
		26.39	125				as above		
						85'/25.91			
		27.15	76				as above, fine grained towards base, distinctly laminated, cross-bedded, grades to unit below		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7815 SHEET No: 6
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 173		
50°		27.94	79				sandstone, very fine grained, interbedded with siltstone towards base, fine laminae and corss-bedded with bioturbation in silty zones, not calcareous, minor calcite fractures perpendicular to bedding and subparallel, F.C.A. 45°, dark grey		
						90'/27.43			
		29.13	119				as above, slightly broken at top		
							Top of Box 14		
		29.48	35				as above		
						95'/28.96			
		29.73	25				as above, very hard, very fine sandstone with rusty fractures		
		30.69	96				siltstone, very dark grey, gradational from above, some very fine grained sandstone		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7815 SHEET No: 7
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		30.90	21				claystone, very dark grey, very gradational from above, silty at top		
						100'/30.48			
		31.11	21				as above		
							Top of Box 15		
		32.44	133				as above, coaly stringers up to 2 mm becomes more coaly towards base with 2 cm coal band near centre		
						105'/32.00			
		33.03	59				as above, coaly with stringers up to 4 mm		
							Top of Box 16		
		33.20	17				as above, coaly, bottom 3 cm very coaly		
	33.20	33.38	18				coal, very fine crushed, possibly C-2		
		33.59	31				coal loss		
		33.63	4				coal, C-4 crushed		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7815 SHEET No: 8

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		33.87	24				claystone, slightly carbonaceous; coaly at top		
						110'/33.53			
55°		35.13	126				siltstone, very dark grey, fine inner bands with claystone, rusty fractured surface, gradational from above, broken near bottom, minor carbonaceous laminae, becomes clayey towards base		
							Top of Box 17		
		35.46	33				as above, clayey		
						115'/35.05			
		35.79	33				as above, clayey slightly carbonaceous		
	35.79	35.94	15				coal, C-1		
		36.34	40				coal loss		
		36.57	23				coal, C-4, sheared with lystric surfaces throughout		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7815 SHEET No: 9

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
		36.77	20				claystone, very coaly		
		36.99	22				conglomerate, some pebbles in the coaly claystone at top, pebbles well rounded, and up to 5 cm in diameter, averaging 2 cm sandy matrix slightly calcareous, minor carbonaceous stringers		
						120'/36.58			
		37.51	52				as above		
							Top of Box 18		
		38.52	101				as above, matrix rusty, weathered, with fine irregular hair-like calcite fractures		
						125'/38.10			
		39.66	114				as above, broken at centre		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7815 SHEET No: 10

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							Top of Box 19		
		40.00	34				as above		
						130'/39.62			
		40.32	32				as above		
43°		41.59	127				sandstone, fine grained, brown weathered zones around some calcite fractures, laminated and cross-bedded, medium grey to dark grey, calcareous gradually becomes distinctly laminated.		
						135'/41.15			
		41.71	12				as above Top of Box 20		
		43.10	139				as above		
						140'/42.67			
		43.80	70				as above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7815 SHEET No: 11
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 21		
		44.62	82				as above some silty interbeds		
						145'/44.20			
		45.79	117				as above, more silty bands and silty rip up clasts		
							Top of Box 22		
		46.13	34				as above, sandstone, very fine grained		
						150'/45.72			
		47.65	153				as above		
						155'/47.24	as above		
		47.91	25				Top of Box 23		
55°		49.20	127				Finely laminated and cross bedded.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7815 SHEET No: 12
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
						160'/48.77			
		49.95	75				as above, minor bioturbation in silty very fine sandstone beds		
							Top of Box 24		
		50.71	76				as above, sandstone very fine grained dark grey, finely laminated and cross- bedded, rusty around broken zone at base		
						165'/50.29			
		51.91	120				as above		
							Top of Box 25		
		52.15	24				as above, becoming very silty		
						170'/51.82			
		53.21	106				as above, very silty, rusty zones around fractures, grades to unit below		
	53.21	53.73	52				claystone, very silty at top with minor silt thoughout, medium grey, calcite where silty, rusty fractures		
						175/ 53.34			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7815 SHEET No: 13
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 26		
46		55.16	143				as above, with some nodules up to 3 cm in diameter at centre, nodules slightly rusty		
						180'/54.86			
		55.83	67				as above		
							Top of Box 27		
		56.71	88				as above		
						185'/56.39			
		57.80	109				as above, 34 cm from bottom, claystone, brecciated slightly with calcite between fragments		
							Top of Box 28		
		58.21	41				as above, silty		
						190'/57.91			
		58,55	34				as above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7815 SHEET No: 14

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
		59.29	74				Siltstone, gradational above and below, dark grey, minor calcite fractures, bedding indistinct and soft sediment deformation		
58°		59.70	41				Claystone, dark grey, slightly silty		
						195'/59.44			
		59.86	16				as above		
							Top of Box 29		
		61.30	144				as above, becoming carbonaceous with coaly stringers and laminae up to 3 mm		
						200'/60.96			
		61.70	40				as above, 2 cm coaly zone 20 cm from top, minor shearing along carbonaceous surface.		
							Top of Box 30		
		61.90	20				as above		
		62.86	96				siltstone, dark grey, fine laminae at base where becomes sandy, clayey at top, gradational above and below		
						205'/62.48			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7815 SHEET No: 15
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		62.91	5				as above		
		63.68	77				sandstone, very fine grained, dark grey, silty, minor bioturbation, soft sediment deformation		
							Top of Box 31		
		64.27	59				as above		
						210'/64.01			
		65.22	95				claystone, silty towards base, top half slightly carbonaceous with shearing along surface		
		65.65	43				sandstone, very silty, dark grey		
							Top of Box 32		
		65.81	16				as above, minor carbonaceous laminae		
						215'/65.53			
		66.03	22				as above, very silty		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7815 SHEET No: 16
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
51°		66.50	47				claystone, slightly carbonaceous, very dark grey, slightly silty, gradational above and below		
		67.01	51				siltstone/sandy, appears almost massive possibly bioturbated, rootlet beds.		
		67.26	25				claystone, black very carbonaceous, with minor lystric surfaces		
						220'/67.06			
		67.56	30				as above, less carbonaceous		
		67.62	6				siltstone, dark grey, minor carbonaceous material.		
							Top of Box 33		
		68.77	115				as above, lystric carbonaceous surfaces, minor subparallel calcite fractures perpendicular to bedding, becomes very sandy towards base.		
						225'/68.58			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7815 SHEET No: 17
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		69.53	76				claystone, silty very dark grey, carbonaceous material throughout with several coaly laminae up to 5 mm, very silty at base		
							Top of Box 34		
57°		70.21	68				siltstone, dark grey, sandy throughout, a few subparallel calcite fractures perpendicular to bedding, 15 cm from base coaly stringers up to 3 mm shearing along coaly surfaces, core broken, (F.C.A. approximately 32°)		
						230'/70.10			
		71.65	144				as above, calcite fractures continuous, very sandy and almost massive in places		
							Top of Box 35		
		71.82	17				as above		
						235'/71.63			
		72.11	29				as above, becoming very clayey		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7815 SHEET No: 18
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		73.32	121				claystone, very dark grey, silty throughout with few coaly laminae up to 3 mm near centre		
						240'/73.15			
60°		73.74	42				siltstone, dark grey		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7815 SHEET No: 19
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 36		
		74.14	40				silty claystone, medium grey, some carbonaceous fragments at base, massive		
	74.14	74.34	20				carbonaceous claystone, coaly at top, sheared partly, broken		
	74.34	74.47	13				C-2, sheared, pulverised		
	74.47	74.56	9				claystone loss		
	74.56	74.87	31				carbonaceous claystone, as before		
	74.87	74.97	10				coaly claystone, highly broken, mixed with coal		
						245'/74.68			
	74.97	75.30	33	18			C-1, 90% vitrain		
	75.30	75.33	3	2			C-2		
	75.33	75.48	15	8			claystone loss		
56°	75.48	75.58	10	6	4722		carbonaceous claystone, with some sandy bands, very coaly at base		
	75.58	75.85	27	15			C-2		
	75.85	76.00	15	8			claystone loss, C-4		
	76.00	76.15	15	8			C-4		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7815 SHEET No: 20

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 37		
	76.15	76.35	20	11			C-3		
		76.77	42	23			C-1		
						250'/76.20			
56°		77.27	50	28	4722		C-1		
		77.34	7	4			C-4		
		77.45	11	6			C-3		
		77.55	10	6			C-1		
	77.55	77.68	13	7			claystone loss		
	77.68	77.93	25	14			coaly claystone		
	77.93	78.35	42	23			coal loss		
	78.35	78.45	10	6			C-2, highly broken		
	78.45	78.61	16	9			coaly claystone as before		
							Top of Box 38		
		79.59	98	55			claystone, dark grey, slickensided, some calcite inclusions		
						260'/79.25			
		80.79	120	67			as above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7815 SHEET No: 21
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 39		
		81.09	30	17			as above		
						265'/80.77			
		81.19	10	6			as above		
		81.33	12	7			coaly claystone		
	81.33	82.36	103	58			C-1		
						270'/82.30			
		82.56	20	11	42		C-1		
56°		82.82	26	15	43		C-2		
					44				
							Top of Box 40		
		83.12	30	17			C-2		
		83.42	30	17			C-3		
	83.42	84.00	58	32			Coal loss		
	84.00	84.19	19				carbonaceous claystone, shaley		
						275'/83.82			
		85.21	102				as above		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7815 SHEET No: 22

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	85.21	85.26	5				C-1		
		85.44	18				claystone as before		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7815 SHEET No: 23
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 41		
		85.54	10				siltstone, coal laminae 2 mm lystric surfaces		
		85.64	10				sandstone, very fine grained, silty fine laminae, minor bioturbations, dark grey, calcareous		
						280'/85.34			
52°		86.09	45				as above		
		87.19	110				claystone, silty throughout, gradational above and below, a coal stringer 4 mm thick		
						285'/86.87			
		87.53	34				as above, becomes less silty and coaly at base, minor shearing along coaly surfaces		
							Top of Box 42		
		88.66	113				as above, coaly laminae and stringers throughout, broken where more coaly with lystric sheared surfaces		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7815 SHEET No: 24
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
						290'/88.39			
		89.65	99				as above, top 25 cm coaly and carbonaceous, bottom 40 cm becoming silty and distinctly laminated.		
							Top of Box 43		
	89.65	90.21	56				siltstone, gradational from above, sandy at top, very dark grey with many carbonaceous laminae, very fine grained		
						295'/89.92			
72		91.69	148				as above, some very fine grained sandstone laminae, fine hairline calcite fractures along bedding towards base		
						300'/91.44			
		91.84	15				as above		
							Top of Box 44		
		91.88	4				as above		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7815 SHEET No: 25

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
52		93.18	130				claystone, dark grey, carbonaceous laminae, silty throughout, hairline calcite fractures along bedding in top half some coaly stringers up to 2 mm.		
		93.22	4				siltstone, dark grey, clayey interbeds gradational above and below some very fine grained sandstone.		
						305'/92.96			
		93.78	56				as above		
		93.92	14				claystone, top 10 cm very silty, becomes black, very carbonaceous and coaly.		
							Top of Box 45		
		94.58	66				as above, minor shearing along coaly surfaces, slightly broken.		
		94.80	22				sandstone, dark grey, fine grained, many irregular calcite fractures.		
						310'/94.49			

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7815 SHEET No: 26

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		95.03	23				coal, C-1		
		95.23	20				coal missing		
		95.31	8				claystone, very coaly		
		95.66	35				as above, becoming sandy towards base		
		95.73	7				sandstone, very fine grained, laminated, medium grey		
65°		96.10	37				claystone, very carbonaceous and coaly, top becomes massive and less carbonaceous		
						314'/95.71			
		96.24	14				as above, not carbonaceous		
							Top of Box 46		
56°		97.59	135				as above, very dark grey to black, minor carbonaceous laminae, lighter grey interbands		
						319'/97.23			
		98.24	65				as above		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7815 SHEET No: 27
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		98.35	11				sandstone, very silty and very fine grained.		
							Top of Box 47		
		99.12	77				as above, continues very sitly with silty interbeds 50% of unit.		
						324'/98.76			
		99.51	39				as above		
		100.02	51				siltstone, very clayey with hairline calcite fractures along bedding.		
		100.40	38				sandstone, very silty, bedding continues to be slightly soft sediment deformed, bioturbated in sandy silty areas.		
		100.48	8				claystone, very dark grey.		
							Top of Box 48		
		100.73	25				as above		
						329'/100.28			

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7815 SHEET No: 28
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		101.25	52				as above, becoming slightly silty, gradational to unit below		
	101.25	102.22	97				sandstone, very fine grained, dark grey, top 40 cm, very silty (siltstone) becomes predominantly sandstone with minor silty interbeds, rock continuous calcareous		
						334'/101.80			
		102.47	25				as above		
							Top of Box 49		
		102.54	7				as above		
		103.79	125				siltstone/sandstone, irregular interbedded, clayey in places, minor calcite fractures, sharp contact with unit above		
						339'/103.33			
		104.14	35				as above, some laminae are very soft sediment deformed.		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7815 SHEET No: 29
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 50		
54°		105.18	104				as above, predominantly sandstone, interbedded with siltstone, bioturbated with worm holes and occasional pyrite in worm burrows, minor calcite fractures		
						344'/104.85			
		106.09	90				as above, becoming siltier		
							Top of Box 51		
		106.28	20				as above		
		106.48	20				siltstone, very bioturbated with worm burrows and numerous pyrite burrow fillings, slightly carbonaceous		
						349'/106.38			
						349'/106.38			
		106.99	51				as above, slightly sandy towards base, pyrite continues,		
	106.99	107.06	7				coal, highly sheared and broken, possible C-3		
	107.06	107.50	44				coal loss		
57°	107.50	107.60	10				claystone, coaly, broken and shearing along coaly surfaces		
	107.60	107.68	8				coal, pulverized		
		107.98	30				coal lost		
						352'/107.29			

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7815 SHEET No: 30

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		108.08	10				coaly claystone, very broken and sheared core loss.		
		108.28	20				claystone, very carbonaceous, competent, some pyrite laminae.		
		108.33	5				claystone coaly, sheared, broken, core loss.		
						354'/107.90			
							Top of Box 52		
		108.64	31				as above, dark grey, slightly carbonaceous claystone, a few coaly stringers up to 4 mm		
60°		108.96	32				siltstone, dark grey, minor pyritic material along carbonaceous laminae, some very fine grained sandstone laminae, rock continues calcareous.		
		109.85	89				sandstone, fine grained, medium grey, calcareous, laminae and cross-bedded, minor carbonaceous material, some irregular calcite fractures towards base.		
						359.5'/109.58			
		110.21	36				as above		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7815 SHEET No: 31

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							Top ofBox 53		
	110.2	111.38	117				sandstone, light grey, medium grained, few calcite veins, partly broken		
						365'			
		112.11	73				as above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7815 SHEET No: 32
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 54		
	112.11	112.96	85				sandstone, as in Box 52, less dinstinctly laminated, 10 cm from bottom 1.5 cm coal band		
						370'/112.78			
53°	112.96	113.71	75				as above, more distinctly laminated, less calcareous		
							Gething		
							Moosebar		
	113.71	113.95	24				claystone, very dark grey to black, silty and sandy with pebbles throughout up to 2 cm x 0.5 cm thick, glauconitic		
		113.99	4				claystone/bentonite, very light brownish grey		
		114.30	31				claystone, dark grey massive		
							Top of Box 55		
		114.43	13				as above		
		114.47	4				bentonite as before		
						375'/114.30			

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7815 SHEET No: 33

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
		115.87	140				claystone, as before, dark grey, massive		
						380'/115.82			
		115.95	8				sandstone, coarse grained with pebbles rusty, core loss, these are 2 fragments of core, core appears ground up		
		115.98	3				bentonite as before		
		116.31	33				claystone, as before		
							Top of Box 56		
		117.36	105				as above		
						385'/117.35			
		118.35	99				as above		
							Top of Box 57		
	118.35	119.04	69				claystone, medium to dark grey, compact, uniformed		
						389'			
		120.34	130				as above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7815 SHEET No: 34
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 58		
	120.34	121.06	72				as above		
						394'/120.09			
56°		122.58	152				as above		
						399'/121.62			
		122.85	27				as above		
							Top of Box 59		
		123.79	94				as above		
		124.19	40				as above		
						404'/123.14			
		125.01	82				as above		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7815 SHEET No: 35
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 60		
	125.01	125.90	89				as above		
						410'/124.97			
		127.14	124				as above		
							Top of Box 61		
		127.47	33				as above		
						415'/126.49			
		128.96	149				as above		
						420'/128.02			
		129.22	26				as above		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7815 SHEET No: 36
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M. : _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT. : _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							Top of Box 62		
	129.22	130.34	112				as above		
						425'/129.54			
		131.45	111				as above		
							Top of Box 63		
		131.94	49				as above		
						430'/131.06			
		133.56	162				as above		
						435'/132.59			
							Top of Box 64		
		135.06	150				as above		
						440'/134.11			
		135.79	73				as above		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7815 SHEET No: 37

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							Top of Box 65		
	135.79	136.66	87				as above		
						445'/135.64			
		137.90	124				as above		
							Top of Box 66		
		138.18	28				as above		
						450'/137.16			
		139.75	157				as above		
						455'/138.68			
		140.11	36				as above		
							Top of Box 67		
		141.29	118				as above		
						460'/140.21			
		142.07	78				as above		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7815 SHEET No: 38
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 68		
	142.07	142.47	40				as above		
						464'/141.43			
		144.06	159				as above		
						469'/142.95			
		144.30	24				as above		
							Top of Box 69		
56°		145.62	132				as above		
						474'/144.48			
		146.50	88				as above		
							Top of Box 70		
		147.15	65				as above		
						479'/146.00			
		148.57	142				as above		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7815 SHEET No: 39

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 71		
	148.57	148.67	10				claystone, medium to dark grey, uniform, parallel bedding, massive		
						484'			
		150.24	157				as above		
						489'			
58°		150.63	39				as above		
							Top of Box 72		
		151.80	117				as above		
						494'			
58°		152.65	85				as above		
							END OF HOLE		

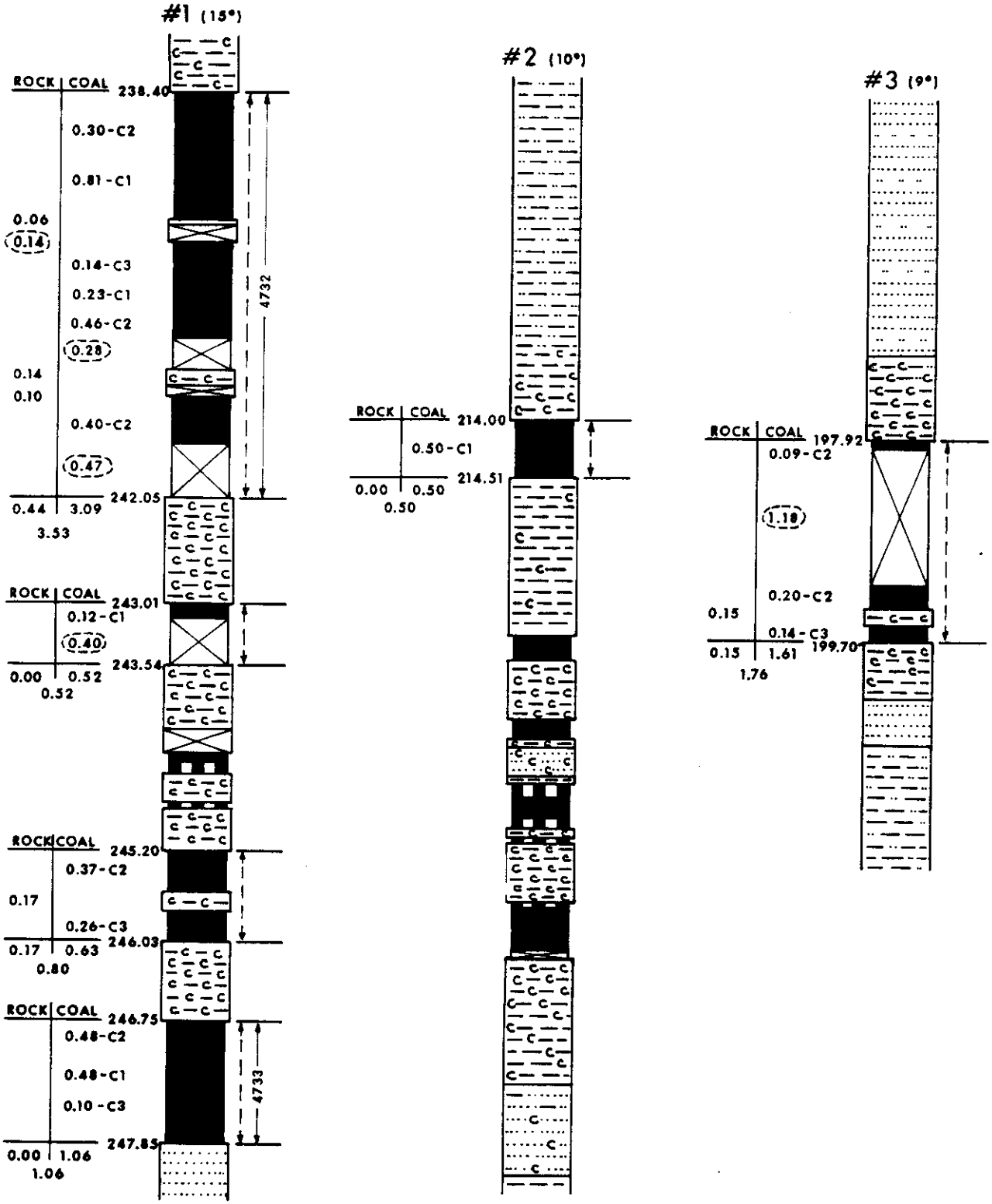
BELCOURT PROJECT

MINING SECTION SUMMARY

Hole No. BD 7816 Bearing 275° Angle 68° Total Depth 291.40 m

Coordinates 48968.08 N - 70323.14 E Collar Elevation 1106.86 m

Seam	Zone	Elevation (base)	Drilled Interval	True Thickness	Coal/Rock	Core Recovery%	Sample I.D.
1		877.06	246.75 - 247.85	1.06	1.06/0.00	100	4733
1		878.75	245.20 - 246.03	~~0.80~~	0.63/0.17	100	
1		881.05	243.01 - 243.54	~~0.52~~	0.52/0.00	23.1	
1		882.44	238.40 - 242.05	3.53	3.09/0.44	72.0	4732
2		907.97	214.00 - 214.51	~~0.50~~	0.50/0.00	100	
3		921.70	197.92 - 199.70	~~1.76~~	1.61/0.15	32.6	
5		964.25	147.30 - 153.80	6.44	5.15/1.29	74.9	4734 - 4735
	6	1016.55	94.13 - 97.40	3.16	2.10/1.06	68.8	4736 - 4737
	8	1068.94	39.05 - 40.90	1.82	1.70/0.12	57.3	4738
	8	1074.36	34.50 - 35.05	~~0.54~~	0.54/0.00	18.5	
				20.13			

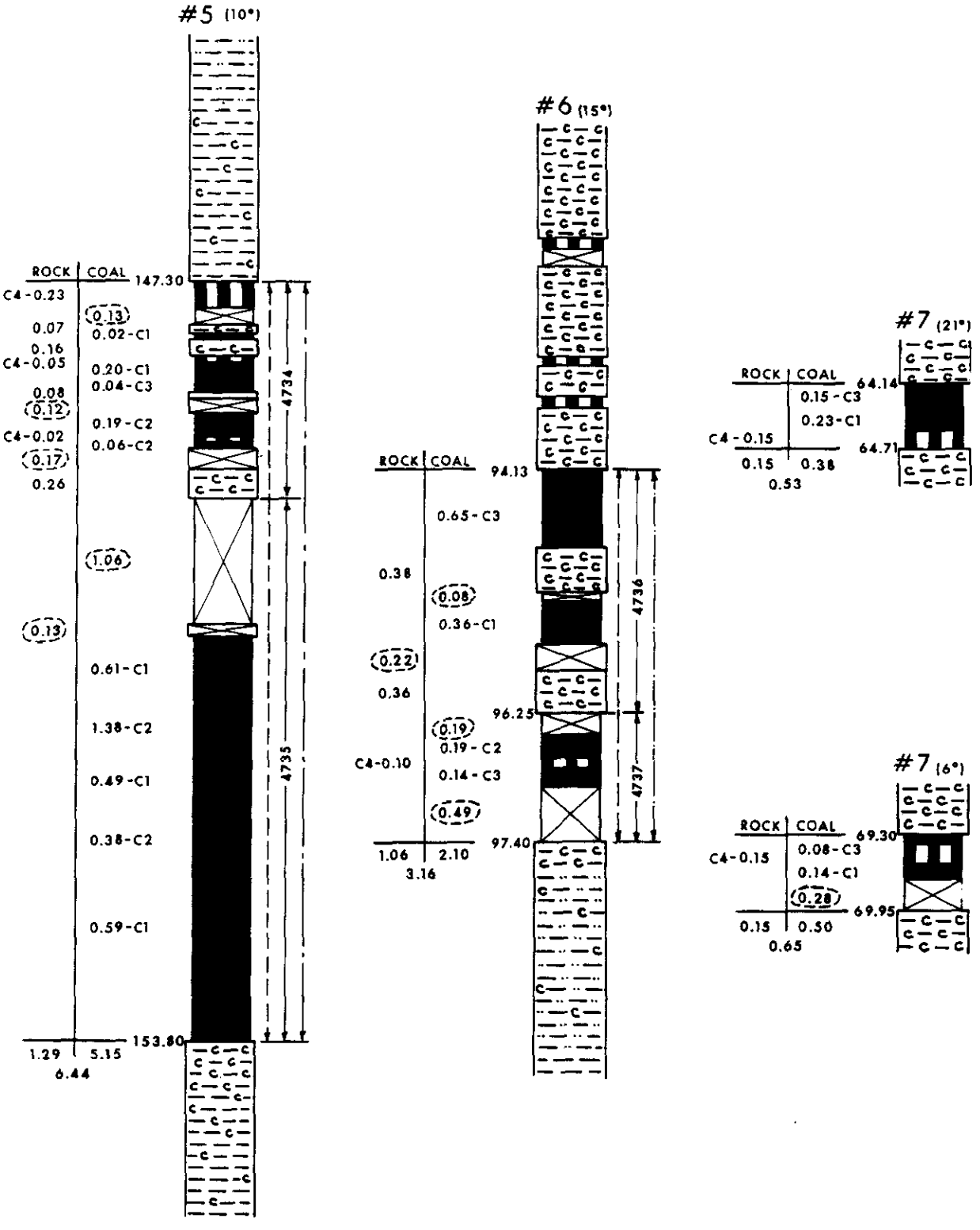


DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

BELCOURT

SEAM DETAILS
BD 7816

DRAWN BY: R.C.	DATE: FEB. 1979	SCALE: 1 : 50
PREPARED BY: I.D.	DATE: " "	DRAWING NUMBER
APPROVED BY: G.P.G.	DATE: " "	LCB-79-0827-B01



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

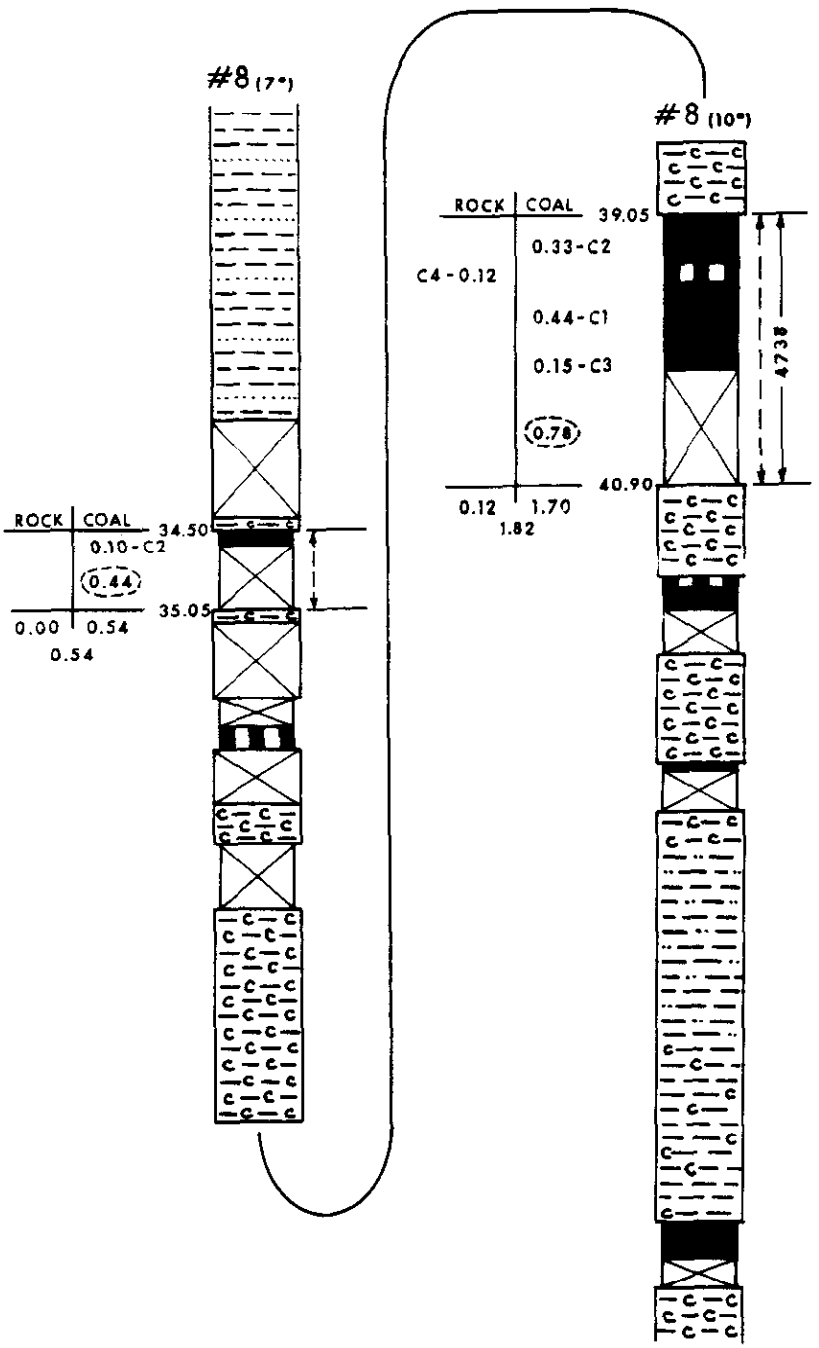
} BASED ON VISUAL ESTIMATES

- C4 COAL >31% ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- MINING SECTION
- SAMPLE INTERVAL & NUMBER
- COMPOSITE SAMPLE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

BELCOURT
SEAM DETAILS
BD 7816

DRAWN BY: R.C.	DATE: FEB. 1979	SCALE: 1 : 50
PREPARED BY: I.D.	DATE: - -	DRAWING NUMBER
APPROVED BY: G.P.G.	DATE: - -	DLCR 79-0827-R01



LEGEND

- C1 COAL 0 - 10 % ash
- C2 COAL 11 - 20 % ash
- C3 COAL 21 - 30 % ash

} BASED ON VISUAL ESTIMATES

- C4 COAL >31 % ash
- CARBONACEOUS CLAYSTONE
- CLAYSTONE
- MINING SECTION
- SAMPLE INTERVAL & NUMBER
- COMPOSITE SAMPLE
- SILTSTONE
- SANDSTONE
- CONGLOMERATE

DENISON MINES LIMITED
(COAL DIVISION)
VANCOUVER BRITISH COLUMBIA

BELCOURT
SEAM DETAILS
BD 7816

DRAWN BY: R.C.	DATE: FEB. 1979	SCALE: 1 : 50
PREPARED BY: I.D.	DATE: " "	DRAWING NUMBER
APPROVED BY: G.P.G.	DATE: " "	BLCR.79-0827-B01

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7816 SHEET No: 1
DATE BEGUN: _____ DEPTH: _____ BEARING: 275° U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: 1106.86M TOTAL DEPTH: 291.40 COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: 70° LOGGED BY: D.Johnson/I.Delas CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 1		
	9.72	9.91	19				siltstone/sandstone, sandstone very fine, dark grey calcareous		
						35'/10.67			
		11.12	121				claystone silty throughout, calcareous, dark grey, coal laminae 4 mm 13 cm from top, some very fine sandstone bands, unit broken with core loss		
						40'/12.19			
		11.68	56				as above, coal stringers 3 mm toward base, some light brownish grey bands		
							TOP OF BOX 2		
		12.10	42				as above, very silty to base gradational to unit below broken		
		12.73	63				claystone missing		
		13.26	53				sandstone, very fine to fine grain, dark grey, calcareous, interlaminated with siltstone near top soft sediment deformation where silty		
						46'/14.02			

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7816 SHEET No: 2
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		14.29	103				as above, medium grain sandstone at base, medium grey, minor carbonaceous stringers.		
							TOP OF BOX 3		
11°		14.53	24				as above		
		16.05	152				siltstone, with sandstone interbeds up to 10cm becomes clayey to base, entire unit very dark grey, with coaly stringers, broken slightly.		
		16.58	53				core missing		
						56'/17.07			
		16.79	21				claystone, medium grey, massive, highly bioturbated (rootlet bed?)		
							TOP OF BOX 4		
		17.54	75				as above, becoming sandy at base, grades to unit below		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7816 SHEET No: 3
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
9		18.92	138				sandstone, very fine, dark grey, not calcareous interbedded and interlaminated with siltstone beds up to 15 cm occasional minor bioturbation and soft sediment deformation.		
							TOP OF BOX 5		
		19.36	44				as above		
						66'/20.12			
		20.96	160				as above		
							TOP OF BOX 6		
		22.36	140				as above		
						76'/23.16			
		23.09	73				as above occasional fine grained bed.		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7816 SHEET No: 4
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 7		
5°		25.21	212				as above		
							TOP OF BOX 8		
		25.45	24				as above, sandstone becoming fine grained and medium grey		
						86'/26.21			
		26.36	91				as above large silty interbeds toward base		
		27.27	91				claystone, slightly silty throughout with brownish grey lens and bands occasional. Very dark grey.		
							TOP OF BOX 9		
		28.53	126				as above, sandy bands toward base, slightly broken		
						96'/29.26			

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7816 SHEET No: 5
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
7°		29.30	77				sandstone, fine grained, to very fine grain, light to medium grey, occasional silty bands and laminations, not calcareous, where no silty bands. sandstone almost massive		
							TOP OF BOX 10		
		30.65	135				as above, very silty to base		
		31.65	100				claystone, dark grey, very sandy and silty at top with sandy laminae brownish grey lens and bands		
							TOP OF BOX 11		
		31.82	17				as above		
						106'/32.31			
		33.65	183				as above		
	33.65	34.40	65				claystone loss		

Form 71-0150-R04

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7816 SHEET No: 6

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 12		
7°									
	34.40	34.50	10				claystone carbonaceous, broken		
						116'/35.36			
	34.50	34.60	10	10			C-2		
	34.60	35.05	45	44			coal loss		
	35.05	35.13	8	8			carbonaceous claystone		
	35.13	35.65	52	51			claystone loss		
	35.65	35.84	19	19			coal loss		
	35.84	36.00	16	16			C-4		
	36.00	36.37	37	36			claystone loss		
	36.37	36.55	18	18			carbonaceous claystone, coal stringers		
	36.55	36.65	10	10			coaly claystone		
	36.65	37.10	45	44			coal loss		
	37.10	37.47	37	36			carbonaceous claystone, coal stringers		
	37.47	38.02	55	54			as above, but highly broken		
							TOP OF BOX 13		
	38.02	39.05	103	101			claystone, silty at top, carbonaceous with coaly laminae at base.		
	39.05	39.39	34	33	4738		C-2		
	39.39	39.51	12	12			C-4		
	39.51	39.96	45	44			C-1		
							TOP OF BOX 14		
	39.96	40.11	15	15			C-3		
	40.11	40.90	79	78			coal loss		
	40.90	41.36	46				carbonaceous claystone		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7816 SHEET No: 7
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						136'/41.45			
	41.36	41.52	16	16			as above		
	41.52	41.61	9	9			C-4		
10°	41.61	41.76	15	15			C-2		
	41.76	42.05	29	29			coal loss		
	42.05	42.78	73	72			carbonaceous claystone, occassional coaly stringers		
	42.78	42.83	5	5			C-3, highly broken		
	42.83	43.10	27	27			coal loss		
	43.10	43.32	22	22			carbonaceous claystone as above.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7816 SHEET No: 8

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 15		
	43.32	45.34	202				claystone, dark grey silty in places, some coaly stringers, brownish grey bands and lens, 38 CM from bottom a 7 mm coal band bottom half carbonaceous, bottom 9 cm coaly claystone		
							TOP OF BOX 16		
		45.86	52				as above, carbonaceous throughout, top 8 cm coaly claystone		
	45.86	46.11	25				coal, C-1 bright banded with minor dull bands		
	46.11	46.30	19				coal missing		
	46.30	46.40	10				claystone very carbonaceous and coaly at top.		
		46.59	19				claystone, carbonaceous grades to unit below coaly near sandstone contact.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7816 SHEET No: 9
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
15°		47.71	112				sandstone, fine grained, laminated with silty bands top 13 cm appears massive. bioturbation (rootlets?) medium to dark grey calcareous.		
							TOP OF BOX 17		
		47.80	9				as above		
						156'/47.55			
		49.09	129				as above, silty to base		
		49.83	74				siltstone, with very fine sandstone bands and lamination. some coaly claystone bands up to 10 cm, some bioturbation, clayey zones light brownish grey bands and nodules, coaly claystone band 35 cm from base.		
							TOP OF BOX 18		
		50.78	95				as above, coaly claystone (10 cm) 15 cm from top very sandy in bottom half.		
						166'/50.60			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7816 SHEET No: 9
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		52.00	122				as above, unit predominantly sandstone interbedded very fine and fine with siltstone calcareous		
							TOP OF BOX 19		
		53.14	114				claystone very dark grey, carbonaceous, (plant fragments) coaly lens up to 3 mm. brownish grey bands. sandy at base grading to next unit.		
8°		53.47	33				sandstone, very fine, dark grey, top half very silty, fine laminae, some bioturbation, calcareous.		
		53.80	33				claystone, as before		
						176'/53.64			
		54.12	32				as above		
		54.70	58				as above		
	54.70	55.10	40				coal loss		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7816 SHEET No: 10
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 20		
	55.10	56.26	116				as above, coaly at top and 62 cm from top (10 cm coaly claystone band broken) bottom somewhat coaly.		
	56.26	56.38	12				coal very broken, pulverized		
		56.48	10				siltstone coaly laminae at base carbonaceous fragments throughout medium to dark grey, rootlets, massive.		
							TOP OF BOX 21		
		56.80	32				as above		
						186'/56.69			
		57.47	67				as above, slightly banded with coaly stringers and claystone at centre of interval.		
		58.58	111				siltstone/sandstone/claystone, interbedded and interlaminated bioturbation with worm burrows gradational from above. dark sandy, silty and clayey zones up to 30 cm. calcareous		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7816 SHEET No: 11
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
21°									
							TOP OF BOX 22		
		59.79	121				as above		
						196'/59.74			
		60.67	88				as above		
							TOP OF BOX 23		
		62.89	222				as above		
							TOP OF BOX 24		
						206'/62.79			
		63.05	16				as above		
		64.03	98				claystone, dark grey, bottom half very carbonaceous with coaly laminae and stringers up to 2 mm.		
		64.14	11				coaly claystone		
	64.14	64.30	16				coal, C-3 bright and dull bands		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7816 SHEET No: 12

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	64.30	64.55	25				coal, C-1 broken particles at bottom. grades from unit above.		
	64.55	64.71	16				coal, C-4 predominantly dull, stoney, coal with fine bright bands.		
		64.92	21				claystone, black, carbonaceous massive, silty, top of rootlet bed.		
							TOP OF BOX 25		
		65.53	61				as above, becomes sandy and medium grey. rootlet bed, gradational below.		
		66.00	47				sandstone, fine grained, interbedded and interlaminated with carbonaceous silty beds. minor bioturbation and soft sediment deformation, carbonaceous and coaly stringers particularly near top.		
						216'/65.84			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7816 SHEET No: 13
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		67.04	104				as above.		
							TOP OF BOX 26		
		68.82	178				as above siltier particles toward bottom.		
6°		69.03	21				claystone, carbonaceous with coaly laminae up to 3 mm, very dark grey to black		
						226'/68.88			
		69.13	10				as above.		
							TOP OF BOX 27		
		69.30	17				as above.		
	69.30	69.38	8				coal C-3		
	69.38	69.53	15				coal, C-4 broken		
	69.53	69.67	14				coal C-1 predominantly bright coal, slightly broken		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7816 SHEET No: 14
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	69.67	69.95	28				coal loss		
	69.95	70.21	26				claystone, very coaly with bright coaly bands up to 1 cm		
		70.28	7				claystone, carbonaceous and coaly particles towards base		
	70.28	70.34	6				coal C-3 broken		
	70.34	71.44	110				claystone, medium grey. massive. minor carbonaceous material, rootlet bed, silty.		
							TOP OF BOX 28		
		71.64	20				as above		
		72.05	41				sandstone, very fine grain, dark grey, bottom half very silty, calcareous.		
						236'/71.93			
		72.33	28				claystone, dark grey, coaly fragments occasionally.		
		73.54	121				sandstone, calcareous, fine grain, medium grey, almost massive, with silty laminae, soft sediment deformation, bioturbation, calcite fracture, irregular.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7816 SHEET No: 15

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 29		
		73.85	31				as above, claystone rip-up clasts at base and near top.		
		74.52	67				sandstone, very fine and very silty, large irregular calcite fracture near centre where rock is broken, calcareous		
		74.85	33				claystone, silty dark grey calcareous		
		75.29	44				sandstone, very fine and silty, well bioturbated, dark grey, calcareous		
						246'/74.98			
		75.60	31				as above		
							TOP OF BOX 30		
		77.70	210				sandstone, fine grain, with very fine grain silty bands and laminae, generally soft sediment deformation, calcareous, light medium grey to dark grey, minor coaly stringers up to 4 mm.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7816 SHEET No: 16

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M. : _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT. : _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 31		
		78.30	60				as above		
12		79.77	147				as above. bioturbation, and silty with very fine sandstone		
		79.87	10				claystone, silty, dark grey, calcareous		
							TOP OF BOX 32		
		80.51	64				as above becomes less silty and not calcareous and very dark grey to black at base with minor carbonaceous material.		
		80.57	6				claystone, very dark grey, carbonaceous		
	80.57	80.90	33				coal, C-2, broken, pulverized at base.		
		81.18	28				sandstone, very fine grain, medium grey, coaly at base, massive irregular carbonaceous stringers, rootlet bed.		
						266'/81.08			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7816 SHEET No: 17
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		81.60	42				as above, silty grades to unit below.		
		81.88	28				claystone, silty, some coaly stringers up to 3 mm, dark brownish grey, carbonaceous.		
							TOP OF BOX 33		
		84.01	213				as above, silty in places, occasional coaly lens and laminations, becomes dark grey.		
							TOP OF BOX 34		
		84.26	25			276'/84.12	as above		
		84.93	67				as above, coaly lens continue.		
15		86.07	114				sandstone, very fine, medium grey, finely laminated and soft sediment deformation, top 63 cm very silty and clayey, gradational from above, calcareous		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7816 SHEET No: 18
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 35		
		86.55	48				as above		
		87.18	63				claystone, very dark grey carbonaceous sharp contact with above, silty in places		
						286'/87.17			
		88.20	102				as above, coaly lens and stringers to base up to 3 mm		
							TOP OF BOX 36		
		90.04	184				as above, very coaly in places, lystric surfaces in coaly zones, coal lens up to ½cm		
						286'/90.22			
		90.25	21				as above, mostly brownish grey, hard calcareous claystone		

DENISON MINES LIMITED
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DIAMOND DRILL CORE LOG

HOLE No: BD 7816 SHEET No: 18
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 37		
		91.82	157				as above, carbonaceous and coaly lens continue, very carbonaceous and coaly at base.		
		92.10	28				claystone, very coaly, top 3 cm C-4		
	92.10	92.19	9				coal, C-4 bright bands with coaly claystone bands.		
	92.19	92.35	16				coal missing (C-4)		
		92.53	18				claystone, dark grey, carbonaceous with coal lens up to 3 mm.		

DENISON MINES LIMITED
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DIAMOND DRILL CORE LOG

HOLE No. BD 7816 SHEET No: 19
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 38		
		93.13	60				coaly claystone, interbed coaly layers and stringers		
		93.20	7				C-4		
		93.31	11				carbonaceous claystone		
						306'/93.27			
		93.48	17				as above		
		93.58	10				C-4 highly broken		
		94.13	55				carbonaceous claystone		
	94.13	94.57	44	42			C-3		
							TOP OF BOX 39		
	94.57	94.81	24	23	47316		C-3		
	94.81	95.20	39	38			carbonaceous claystone		
	95.20	95.28	8	8			coal loss		
	95.28	95.65	37	36			C-1 highly broken		
	95.65	95.88	23	22			claystone loss		
	95.88	96.25	37	36			carbonaceous claystone		
15°	96.25	96.45	20	19		316'/96.32	coal loss	225/330	68
	96.45	96.65	20	19			C-2		
	96.65	96.75	10	10	47317		C-4		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7816 SHEET No: 20

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 40		
	96.75	96.89	14	14			C-3 highly broken		
	96.89	97.40	51	49			coal loss		
		97.50	10				carbonaceous claystone		
		99.35	185				silty claystone, medium dark grey, regular bed occasional carbonaceous specks.		
						326'/99.36			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7816 SHEET No: 21
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 41		
		100.59	124				claystone, very dark grey to black, coal lens up to 2 mm becomes very coaly at base, carbonaceous, calcareous		
		100.62	3				coal C-4		
		100.67	5				claystone, very carbonaceous		
		100.70	3				coal, C-3		
		100.72	2				claystone, carbonaceous		
	100.72	100.85	13				coal C-1		
		101.00	15				coal missing		
		101.52	52				claystone coaly		
		101.54	2				coal C-3		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No.: BD 7816 SHEET No.: 22
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 42		
		101.59	5				claystone, coaly		
		101.62	3				coal, C-4		
		101.68	6				claystone, coaly		
		101.89	21				claystone, carbonaceous and silty		
		102.29	36				claystone, carbonaceous and coaly		
						336'/102.41			
		102.54	25				claystone missing		
		103.82	128				as above, with coaly bands up to 1 cm silty, calcareous where silty		
							TOP OF BOX 43		
		105.51	169				as above, brownish grey bands throughout		
						346'/105.46			
		105.90	39				as above with several coaly lens up to 1 cm		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7816 SHEET No: 23
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 44		
		106.70	80				as above, at base many irregular calcite fractures, contact with unit below contorted, possible small fault zone		
		107.97	127				siltstone, medium grey, top lighter grey with irregular calcite fracture in top 12 cm. massive, clayey, not calcareous		
							TOP OF BOX 45		
		108.25	28				as above, becomes darker grey and calcareous to contact, very gradational with unit below		
		108.48	23				claystone, dark grey, calcareous, with sandy very fine sandstone zones. massive, some brownish grey nodules in bands		
						356'/108.51			
		110.05	157				as above, bottom 27 cm not calcareous as is the rest of the unit except where sandy.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7816 SHEET No: 24

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 46		
		111.51	146				as above		
						366'/111.56			
		112.19	68				as above		
							TOP OF BOX 47		
		114.09	190				as above, becomes sandy to base, very gradational to unit below.		
		114.37	28				siltstone, medium grey, massive, sandy thoughout with very fine sandstone zones, this interval is slightly broken with calcite fractures at base.		
							TOP OF BOX 48		
		114.50	13				as above		
						376'/114.60			
		116.44	144				as above. top 7 cm broken		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: ~~BD 7816~~ SHEET No: 25
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 49		
		117.62	118				as above, sandstone bands more predominant		
						386'/117.65			
		118.64	102				as above		
							TOP OF BOX 50		
15°		120.73	209				as above, becoming very sandy. bedding soft sediment deformed		
						396'/120.70			
							TOP OF BOX 51		
		122.93	220				as above, sandstone zones more distinct and frequent, bedding soft sediment deformed with rip up clasts in sandy zones, near centre. irregular calcite fracture and broken core.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7816 SHEET No: 26
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 52		
14°		123.78	85				sandstone, very fine, dark grey, silty, gradual gradation from above, fine laminae, inter bed, soft sediment deformation, calcite.		
						406'/123.75			
		124.48	70				as above		
		125.00	52				sandstone, fine to medium grain, dark grey, dirty appearance with coaly and carbonaceous stringers and laminae, unit becomes very coarse, still a few silty intervals.		
							TOP OF BOX 53		
15°		126.62	162				as above, coarse grain in places, bottom half broken, possible core loss, few irregular calcite fractures claystone rip up clasts in coarser zones, not well laminated, calcareous		
						416'/126.80			

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7816 SHEET No: 27
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		126.79	17				as above, coarse grain, less calcite where coarse grain, very broken.		
							TOP OF BOX 54		
		128.84	205				as above, medium to coarse grain, laminated and cross bedded. top 50 cm very broken, bottom 80 cm very dirty with many coal coal stringers up to 3 mm, very coarse grained.		
							TOP OF BOX 55		
		129.20	36				as above, continues dirty with carbonaceous material, top very coarse grained, bottom very fine grain.		
						424'/129.24			
		130.84	64				as above, very coarse grain, top 30 cm contains coaly stringers, remainder clean. cross bedded, laminated, massive and very coarse grained at base.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7816 SHEET No: 28
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 56		
		132.27	143				as above, top half coarse grain and dirty with coaly stringers rest very clean and fine grained.		
						434'/132.28			
		132.94	67				as above, coarse grain, minor carbonaceous stringers.		
							TOP OF BOX 57		
		135.04	210				as above, top 63 cm clean and coarse grain remainder, very coarse grain to pebbly (up to 1 CM, average 3 mm) with coaly stringers up to 4 mm.		
							TOP OF BOX 58		
		135.13	9				as above		
		135.36	23				conglomerate, coarse zone of above. pebbles average 5 mm with coarse grain sand throughout.		
						444'/135.33			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7816 SHEET No: 29
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		135.70	34				as above		
10		137.07	137				sandstone as before distinctly laminated and cross bedded, very coarse zone in middle, a few coaly stringers.		
		137.16	9				conglomerate as before		
							TOP OF BOX 59		
		137.41	25				as above		
		138.27	86				sandstone, very fine to fine grain, medium to dark grey, siltstone and fine sandstone bands, calcareous, occasional coaly stringers and laminae, soft sediment deformation		
						454'/138.38			
		139.25	98				as above		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7816 SHEET No: 30
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							TOP OF BOX 60		
		141.43	218				as above		
							TOP OF BOX 61		
						464'/141.43			
		143.56	213				as above		
							TOP OF BOX 62		
7		144.40	84				as above, becoming very silty		
						474'/144.48			
		144.61	21				as above, very silty, gradational to unit below		
		145.00	39				claystone, slightly silty and calcareous, minor brownish grey bands and lens.		
						476'/145.08			
		145.74	74				as above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7816 SHEET No: 31
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 63		
		147.30	156				Claystone occasional carbonaceous laminae, few coaly specks towards base.		
	147.30	147.53	23	23			C4		
	147.53	147.66	13	13			Coal Loss		
	147.66	147.73	7	7			Coaly Claystone		
	147.73	147.75	2	2			C1		
	147.75	147.91	16	16			Carbonaceous Claystone		
	147.91	147.96	5	5			C4		
							Top of Box 64		
10°	147.96	148.16	20	20			C1		
					4734		486/148.13		
	148.16	148.20	4	4			C3		
	148.20	148.28	8	8			Carbonaceous Claystone		
	148.28	148.40	12	12			Claystone Loss		
	148.40	148.59	19	19			C2		
	148.59	148.61	2	2			C4		
	148.61	148.67	6	6			C2		
	148.67	148.84	17	17			Claystone Loss		

DENISON MINES LIMITED
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DIAMOND DRILL CORE LOG

HOLE NO: BD 7816 SHEET No: 32

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	148.84	149.10	26	26			Coaly Claystone, highly broken		
	149.10	150.18	108	106			Coal Loss		
	150.18	150.31	13	13			Claystone Loss		
	150.31	150.93	62	61			C1, highly broken, pulverized		
	150.93	151.53	60	59			C2		
							Top of Box 65		
	151.53	151.73	20	20			C2		
					47315		496/151.18		
	151.73	152.33	60	59			C2		
10°	152.33	152.83	50	49			C1		
	152.83	153.03	20	20			C2		
	153.03	153.21	18	18			C2		
	153.21	153.50	29	29			C1		
							Top of Box 66		
	153.50	153.80	30	30			C1		
		153.95	15				Coaly Claystone, broken		
		154.11	16				Carbonaceous Claystone		
							506/154.23		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: ~~BD 7816~~ SHEET No: ~~33~~
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
		155.52	141				Claystone occasional carbonaceous		
15^0									

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7816 SHEET No: 34
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 67		
		156.70	118				Claystone dark grey, carbonaceous, coal lenses and laminae up to 6 mm at base.		
		156.84	14				Claystone very carbonaceous to coaly in centre.		
		157.10	26				Claystone dark grey, carbonaceous, silty, massive, possilbe rootlet bed.		
						516/157.28			
		157.63	53				As above		
							Top of Box 68		
15^0		158.00	37				As above less silty, more carbonaceous		
		158.80	80				Core Missing		
		160.24	144				Sandstone very fine to fine grained sandstone, dark grey, top 30 cm rootlet bed and not calcareous, remainder laminated and cross bedded and calcareous		
						526/160.32			
		160.45	21				As above		
							Top of Box 69		
		160.59	14				As above not a distinctly laminated		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7816 SHEET No: 35
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							The next several measured intervals:		
							SANDSTONE with interbeds of siltstone and claystone. Generally the entire unit is bioturbated with rootlets and worm borrows. Occasionally it is well laminated with soft sediment deformation. Claystone and siltstone zones can be up to 30 cm. The sandstone is very fine grained (occasionallyfine grained) and dark grey. Calcareous. There are minor carbonaceous and coaly laminae throughout particularly with claystone zones. Sandstone is generally silty.		
		162.60	201				As above		
							Top of Box 70		
		163.40	80				As above		
						536/163.37			
		164.63	123				As above		
							Top of Box 71		
		166.45	182				As above		
						546/166.42			
		166.67	22				As above		
							Top of Box 72		

DENISON MINES LIMITED
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DIAMOND DRILL CORE LOG

HOLE No: BD 7816 SHEET No: 36

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		168.80	213				As above		
							Top of Box 73		
		169.50	70				As above top 15 cm claystone which is broken at base.		
						556/169.47			
		170.90	140				As above 30 cm from top claystone with coal laminae up to 3 mm.		
							Top of Box 74		
		172.62	172				As above		
						566/172.52			
		172.98	36				As above		
							Top of Box 75		
		175.10	212				As above more distinctly laminated although still bioturbated and soft sediment deformation.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7816 SHEET No: 37

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							Top of Box 76		
		175.71	61				SANDSTONE as above very fine, dark grey, interbedded and interlaminated with siltstone laminae bioturbated, calcareous; minor coaly laminae up to 3 mm.		
						576/175.56			
		177.09	138				As above		
							Top of Box 77		
		178.76	167				As above		
						586/178.61			
		179.14	38				As above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7816 SHEET No: 38

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							Top of Box 78		
		181.25	211				As above very silty and clayey with claystone up to 10 cm.		
							Top of Box 79		
		181.76	51				As above		
						596/181.66			
		183.31	155				As above Very silty		
							Top of Box 80		
		184.74	143				As above		
						606/184.71			
		185.00	26				As above		
		185.38	38				Siltstone gradational from above (silty zone of sandstone)		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: ~~BD 7816~~ SHEET No: ~~39~~
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 81		
		186.43	105				As above		
		187.43	100				Sandstone/Siltstone as before		
							Top of Box 82		
		187.83	40				As above		
						616/187.76			
		188.43	60				As above		
		188.91	48				Claystone with coaly lens up to 4 mm, very dark grey to black		
		189.37	46				Claystone silty very dark grey, minor carbonaceous material		

DENISON MINES LIMITED
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DIAMOND DRILL CORE LOG

HOLE No: BD 7816 SHEET No: 40

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 83		
		189.77	40				As above highly bioturbated rootlet bed massive dark grey		
		190.84	107				Sandstone dark grey, very fine, interlaminated and interbedded with siltstone and claystone. Top 40 cm clayey, medium grey rootlet bed, transition from above. rootlet not calcareous, remainder of unit is laminated, bioturbated withworm burrows.		
						626/190.80			
		191.64	80				As above		
							Top of Box 84		
15°		192.43	79				As above		
		192.78	35				Claystone brownish grey bands, coal laminae up to 3 mm, gradational above and below, broken with calcite filled fractures at base.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7816 SHEET No: 41
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		193.63	85				Sandstone with siltstone interbeds as before, broken at top with calcite fracture.		
							Top of Box 85		
		193.99	36				As above, irregular calcite fractures at base, interval silghtly broken		
						636/193.85			
		194.61	62				As above, calcite fractures at top, fine grained sandstone		
		195.30	69				Claystone slightly silty at top gradational below, some brownish grey bands.		
		195.74	44				Sandstone with siltstone interbeds as before, claystone interbeds at top.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7816 SHEET No: 42

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 86		
13°		197.09	135				As above becomes predominantly very fine to fine grained, sandstone laminae in bottom half.		
						646/196.90			
		197.87	78				Claystone silty in places and calcareous where silty, very carbonaceous		
							Top of Box 87		
		197.92	5				As above		
	197.92	198.01	9	9			Coal C2		
	198.01	199.21	120	118			Coal Loss		
9°	199.21	199.41	20	20			Coal C2 Broken		
	199.41	199.56	15	15			Claystone Very coaly with 2 cm C3 band near top		
	199.56	199.70	14	14			Coal C3 Predominantly dull with some bright stringers.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7816 SHEET No: 43
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		199.87	17				Claystone very carbonaceous, grades to unit above		
5°		199.93	6				Claystone with silty laminae bioturbated		
						656/199.95			
		200.19	26				As above with coaly claystone band (1 cm) 6 cm from top		
		200.61	42				Sandstone very fine, medium to dark grey, silty interbeds occasionally		
		200.93	32				Claystone with brownish grey bands, slightly silty, brownish bands, calcareous, dark grey		
							Top of Box 88		
		202.37	144				As above top of interval silty occasional coaly lens and stringers up to 4 mm.		
		202.75	38				Sandstone very fine dark grey, interbedded with siltstone, bioturbated, calcareous		
						666/203.00			
		203.02	27				Claystone with siltstone and sandstone zones up to 15 cm, sandy and silty laminae bioturbated and soft sediment deformation, brownish grey lens, calcareous throughout.		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7816 SHEET No: 44
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 89		
		205.27	225				As above		
							Top of Box 90		
		205.85	58				As above		
						676/206.04			
		207.41	156				As above		
							Top of Box 91		
30°		208.95	154				As above, becomes silty and sandy occasional pyrite filled worm burrows.		
						686/209.09			
		209.54	59				As above siltstone, sandstone		
							Top of Box 92		
16°		211.68	214				As above — sandy and silty gradational becomes, silty claystone		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7816 SHEET No: 45

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 93		
		212.08	40				As above		
						696/212.14			
10°		213.44	136				As above		
		213.80	36				Claystone massive dark gery, carbonaceous, silty at top and calcareous		
							Top of Box 94		
		214.00	20				As above, becomes, very carbonaceous		
	214.00	214.51	51				C1 broken near bottom generally bright bands		
	214.51	215.14	63				Claystone medium grey, top 8 cm carbonaceous; massive rootlet bed, slightly sandy		
						706/215.19			
		215.98	76				AS above		
		216.00	2				Claystone coaly		
	216.00	216.06	6				C2		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7816 SHEET No: 46
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 95		
		216.21	15				C2		
	216.21	216.27	6				Coaly claystone		
	216.27	216.73	46				Claystone carbonaceous, few brownish grey bands		
	216.73	216.90	17				C3 dull, few vitrain bands, bottom very broken		
		216.97	7				Claystone Coaly, coaly laminae beds up to 4 mm		
12°		217.24	27				Sandstone very fine grained, dark grey, very carbonaceous		
		217.30	6				Claystone sandy and coaly		
	217.30	217.42	12				C4		
	217.42	217.59	17				C2 generally bright		
	217.59	217.69	10				C4		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7816 SHEET No: 47
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	217.69	217.76	7				Claystone medium grey, carbonaceous		
	217.76	217.79	3				C4		
	217.79	217.86	7				Claystone, carbonaceous and coaly		
	217.86	217.89	3				Claystone coaly		
	217.89	218.01	12				Claystone carbonaceous, sheared, broken		
	218.01	218.06	5				Claystone very coaly		
	218.06	218.32	26				Claystone carbonaceous with coaly laminae, bottom 3 cm very coaly		
						716/218.24			
							Top of Box 96		
	218.32	218.38	6				C4		
	218.38	218.50	12				C3		
	218.50	218.67	17				C1		
	218.67	218.73	6				C3		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7816 SHEET No: 48

DATE BEGUN: DEPTH: BEARING: U.T.M.:

DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:

LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	218.73	218.77	4				C2		
	218.77	218.85	8				Coal Missing		
	218.85	219.31	46				Claystone bottom 5 cm coaly, remains very coaly		
		219.89	58				Claystone medium grey, massive, rootlet bed, minor carbonaceous material. sandy		
		220.46	57				Sandstone slightly laminated, fine grained, medium grey, carbonaceous fragments and laminae, clay and massive at top		
							Top of Box 97		
		220.61	15				As above becomes silty grading to unit below		
		220.86	25				Claystone medium grey, minor carbonaceous material		
		221.28	42				Sandstone very fine grained, medium grey, finely laminated, and cross bedded in places, generally massive as a result of bioturbation very silty, with claystone zones up to 15 cm.		
						726/221.28			
		222.55	127				As above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7816 SHEET No: 49
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 98		
		223.44	89				As above		
18°		224.32	88				Siltstone sandy and coaly laminae, rootlets, very clayey to base		
						736/224.33			
		224.55	23				As above		
							Top of Box 99		
		224.65	10				As above		
		225.34	69				Claystone massive, slightly carbonaceous dark grey, top 30 cm broken		
11°		226.03	69				Very fine grained sandstone, medium grey, massive, rootlet bed, some fine laminae to top.		
		226.49	45				Claystone dark grey to medium grey at bottom and sandy, grades to unit below		
		226.67	18				Sandstone very fine grained, medium to dark grey, slightly laminated with minor carbonaceous material		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7816 SHEET No: 50
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 100		
		227.29	62				As above, becomes distantly laminated, with silty laminae, minor bioturbation calcareous		
						746/227.38			
12°		228.62	133				As above core broken along minor calcite fracture		
							Top of Box 101		
		228.65	3				As above		
13°		229.73	108				Claystone carbonaceous, grades above and below, occasional coal lenses up to 3 mm dark grey		
		230.35	62				Siltstone dark grey, with very fine sandstone zones up to 8 cm		
		230.39	4				Sandstone fine grained, medium grey, slightly laminated, calcareous		
						756/230.43			
		230.73	34				As above, minor calcite fractures		
							Top of Box 102		
		231.24	51				As above, becomes silty to base		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7816 SHEET No: 51

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		232.30	106				Siltstone calcareous, dark grey to medium brown grey, clay bands, top 20 cm very clayey, grades to unit below		
		232.80	50				Claystone dark grey, with brownish grey, lenses and bands calcareous, occasional coaly lenses or stringers.		
							Top of Box 103		
		233.37	57				As above		
						766/233.48			
		234.26	89				As above, silty to base grades to unit below		
15°		234.95	69				Siltstone dark grey, interbedded with very fine grained sandstone laminae, occasional fine cross bedding, minor bioturbation		
							Top of Box 104		
		235.08	13				As above		
		235.86	78				Claystone siltstone, coaly stringers up to 3 mm, carbonaceous, dark grey		
		235.91	5				Coaly claystone		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD 7816 SHEET No: 52

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION		RECOVERY m.Rec.	RECOVERY %
	235.91	235.97	6				Coal	Cl pulverized base		
		236.07	10				Coal missing			
		236.27	20				Claystone missing			
		236.58	31				Claystone	top 4 cm coaly with shearing along coaly surfaces, center of interval broken becomes silty to base.		
						776/236.52				
		236.99	41				Siltstone	medium to dark grey gradational above and below slightly laminated		
		237.32	33				Claystone	Dark grey, carbonaceous with coaly laminae up to 2 mm silty at top		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7816 SHEET No: 53
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 105		
		238.40	108				Claystone partly carbonaceous, coaly laminae and specks		
	238.40	238.63	23	22			C2		
	238.63	239.27	64	62			C1		
							Top of Box 106		
	239.27	239.47	20	19			C1		
	239.47	239.55	8	8			C2		
						796/239.57			
	239.55	239.6	6	6			Coaly claystone		
	239.6	239.75	14	14			Claystone Loss		
	239.75	239.89	14	14			C3		
	239.89	240.13	24	23			C1		
		240.6	48	46			C2		
	240.6	240.90	29	28			Coal Loss		
	240.90	241.05	15	14			Coaly claystone, highly broken		
	241.05	241.15	10	10			Claystone Loss		
	241.15	241.48	33	32			C2		
							Top of box 107		
	241.48	241.56	8	8			C2		
	241.56	242.05	49	47			Coal Loss		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7816 SHEET No: 54

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		242.55	50	48		796' 242.62	Carbonaceous claystone		
		243.01	46	44			Carbonaceous claystone		
	243.01	243.13	12	12			C1		
	243.13	243.34	41	40			Coal missing		
	243.54	243.66	12	12			Coaly claystone, broken		
	243.66	244.11	45	43			Carbonaceous claystone		
	244.11	244.33	22	21			Claystone loss		
	244.33	244.41	8	8			C2		
	244.41	244.51	10	10			C4		
							Top of Box 108		
	244.51	244.77	26	25			Carbonaceous claystone, coaly stringers		
	244.77	244.81	4	4			C4		
	244.81	245.20	39	38			Carbonaceous claystone, as above		
	245.20	245.58	38	37		806' 249.67	C2		
	245.58	245.76	18	17			Carbonaceous claystone		
	245.76	246.03	27	26			C3		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7816 SHEET No: 55
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
	246.03	246.24	21	20			Coaly claystone		
	246.24	246.58	34	33			Carbonaceous claystone, highly broken at base		
							Top of Box 109		
	246.58	246.75	17	16			As above		
	246.75	247.25	50	48			C2		
	247.25	247.72	47	45			C1		
	247.72	247.82	10	10			C3		
15°	247.82	247.85	3	3			C1		
		248.42	57				Sandstone, light grey, medium grained, S & P., massive, compact		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7816 SHEET No: 56
DATE BEGUN: DEPTH: BEARING: U.T.M.:
DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 110		
		248.61	19				Sandstone, fine grained, dark grey, massive to slightly laminated		
					816'	/248.72			
16°		250.54	193				As above		
							Top of Box 111		
		251.66	112				As above, becomes medium grained, with c.g. bands		
					826'	/251.76			
		252.64	98				As above, bottom 20 cm pebbly		
							Top of Box 112		
11°		253.61	97				As above, very fine to fine grained, to base claystone and siltstone interbeds up to 3 cm.		
		253.70	9				Conglomerate pebbles up to 4 cm. average 7 mm., well rounded		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7816 SHEET No: 57
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		253.83	13				Sandstone, as before, fine grained		
		253.88	5				Conglomerate as before		
		254.05	17				Sandstone as before, very silty		
		254.33	28				Conglomerate as before		
		254.57	24				Sandstone as before, fine grained with claystone bands top and bottom.		
		254.66	9				Conglomerate as before, broken		
					836'		/254.81		
							Top of Box 113		
		254.74	8				As above, broken		
		254.80	6				Siltstone, dark grey		
		255.10	30				Sandstone as before, very broken, brecciated near top, with irregular filled calcite fractures		
		255.16	6				Siltstone, dark brownish grey		
14°		256.58	142				Sandstone as before, fine grained with c.g. bands broken near centre, a few calcite fractures.		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7816 SHEET No: 58
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 114		
		257.98	140				As above, sandstone fine grained dark grey, slightly laminated, irregular calcite fractures towards base.		
					846'	257.86			
		258.66	68				As above, irregular clacite fractures, cont'd.		
							Top of Box 115		
		259.96	130				As above, calcite fractures cont'd.		
		260.68	72				As above, but "dirty" with coaly stringers up to 1 cm. thick.		
							Top of Box 116		
		261.03	35				As above, a few small coaly stringers		
					856'	260.91			
		261.48	45				As above, coaly stringers cont'd.		
		262.69	121				As above, clean		
							Top of Box 117		
		264.09	140				As above, becomes more distinctly cross bedded & laminated, some c.g. zones. Rock becoming calcareous		
					966'	263.96			

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7816 SHEET No: 59

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
		264.82	73				As above. Broken at base		
							Top of Box 113		
		266.21	139				As above. Top 80 cm medium to coarse grain. Bottom 30 cm broken with a few small pebbles towards base. Calcite fracture		
		266.44	23				Siltstone, dark grey with sandy band		
		266.94	50				Sandstone, as before , very fine grain at top, few claystone fragments throughout, becomes very calcareous		
							Top of Box 119		
		267.11	17				As above, claystone fragments		
						876 /267.00			
		269.10	199				As above		
							Top of Box 120		
		270.12	102				As above, few small calcite fractures and coaly stringers in top 20 cm.		
						886 /270.05			
		271.17	105				As above, very calcareous		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7816 SHEET No: 60
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 121		
		273.27	210				As above, few calcite fragments in bottom half		
						896/273.10			
							Top of Box 122		
		275.42	215				As above, few calcite fractures in top 20 cm continues very calcareous		
							Top of Box 123		
		276.30	88				As above , sandstone, fine grain, dark grey, calcite, massive to slightly laminated		
						906/276.15			
		277.53	123				As above		
							Top of Box 124		
		279.29	176				As above		
						916/279.20			
		279.65	36				As above		

DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No. BD7816 SHEET No: 61
DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT From	UNIT To	UNIT THICKNESS Thick.	UNIT THICKNESS True	SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY m.Rec.	RECOVERY %
							Top of Box 125		
		231.81	216				As above, a few claystone rip up clasts, and minor calcite filled fractures		
							Top of Box 126		
		282.33	52				As above		
						926 /282.24			
		283.93	160				As above		
							Top of Box 127		
		285.37	144				As above		
						936 /285.29			
		286.98	61				As above		
							Top of Box 128		
		288.11	213				As above		

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DENISON MINES LIMITED
(COAL DIVISION)

DIAMOND DRILL CORE LOG

HOLE No: BD 7916 SHEET No: 62

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							Top of Box 129		
		288.34	23				As above		
						946/288.34			
		290.13	179				As above		
							Top of Box 130		
		291.40	127				As above, minor calcite fractures with shearing, a few claystone rip up clasts		
						291.39			

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PR BELCOURT 78 (4)A

BELCOURT PROJECT

GEOLOGICAL REPORT

MARCH 1979

APPENDIX III

QUALITY DATA

DENISON MINES LIMITED
COAL DIVISION
VANCOUVER, B.C.

A P P E N D I X I I I

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APPENDIX III (i)

1978 DRILL CORE ANALYSES

PTE000 RESERV REP3F1 LIB$ AT: 03/13/79 18:44:34 JOB: 17448 JU

PROJECT:BELCOURT AREA:HOLTSLANDER
DATE SAMPLED:24/ 8/78 DATE ANALYSED:13/ 3/79
DRILL HOLE #:BD7801 SEAM: 1
LAB COMPOSITE #: B 10-01 WT. REC. 9.40
DATA POINT COORDINATES : N 45740.95 E 72238.41
DATA POINT ELEVATION : 1361.09 M

COMPOSITE DESCRIPTION		MINING SECTION
INTERVAL	288.65-293.25	288.65-293.25
THICKNESS	4.60	4.60
DIP	24	24
COAL/COAL+ROCK	3.09/ 4.26	3.09/ 4.26
DRILL CORE RECOVERY	58.90%	58.90 %
ESTIMATED YIELD	******	

GENERAL TESTING LABS

SIMULATED PRODUCT

SIZE	3/8 X 28	28 X 100	100 X 0
CUTPOINT	SP.G. 1.55	SP.G. 1.70	SEC. 225
CONTRIBUTION	58.5	18.9	11.9

	AIR DRIED	DRY BASIS	D.M.M.F.
YIELD	89.32		
MOISTURE	.68		
ASH	7.76	7.81	
VOLATILE	25.17	25.34	26.92
F.C.	66.39	66.84	73.08
SULPHUR	.26		
PHOSPHORUS	.029		
S.P.G.	1.150		
F.S.I.	7.0		
HARDGROVE	******		

HEAD ANALYSIS - COMPOSITE RAW COAL

	AIR DRIED	DRY BASIS	D.M.M.F.
MOISTURE	.88		
ASH	12.48	12.59	
VOLATILE	23.67	23.88	26.39
F.C.	62.97	63.53	73.61
F.S.I.	6.0		
SULPHUR	.28		
SP.GR. (-3/8 MESH)	1.24		
PHOSPHOROUS in Coal.	.028		
HARDGROVE	75		

DRILL HOLE #:BD7801 SEAM: 1

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FLOAT SINK ANALYSES

SIZE REL. WEIGHT
3/8 X 28 68.36

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	70.10	6.35	70.10	6.35	29.90	33.77	******	6.0
1.50	14.40	19.14	84.50	8.53	15.50	47.37	******	6.0
1.55	1.00	19.65	85.50	8.66	14.50	49.28	******	5.5
1.60	3.70	21.44	89.20	9.19	10.80	58.82	******	5.5
1.70	2.00	31.99	91.20	9.69	8.80	64.91	******	5.5
1.80	1.35	48.77	92.55	10.26	7.45	67.84	******	5.5
****	7.45	67.84	100.00	14.55	**********	**********		5.5

SIZE REL. WEIGHT
28 X 100 19.71

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	86.65	4.10	86.65	4.10	13.35	32.71	******	8.0
1.50	6.55	19.18	93.20	5.16	6.80	45.75	******	7.5
1.60	1.75	26.32	94.95	5.55	5.05	52.48	******	7.5
1.70	1.15	37.30	96.10	5.93	3.90	56.96	******	7.5
1.80	1.45	47.64	97.55	6.55	2.45	62.47	******	7.5
1.90	.30	52.21	97.85	6.69	2.15	63.90	******	7.5
****	2.15	63.90	100.00	7.92	**********	**********		7.5

FROTH FLOATATION

SIZE REL. WEIGHT
100 X 0 11.93

TIME.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	F.S.I.	CUM FSI
45.	92.39	5.39	92.39	5.39	******	8.0
90.	3.07	32.47	95.46	6.26	******	8.0
135.	1.80	57.79	97.26	7.21	******	7.5
180.	1.27	70.76	98.53	8.03	******	7.5
225.	1.47	80.06	100.00	9.09	******	7.5

DRILL HOLE #:BD7801 SEAM: 1

FLUIDITY Geiseler :

START TEMP.	438.0
FINAL TEMP.	507.0
MAX.FLUIDITY TEMP.	473.0
MAX.FLUIDITY(DDPM)	61.0
MAX.FLUIDITY(LOG)	1.785
LAB	GTL

DILATATION

SOFT.TEMP.	384.0
SOLID.TEMP.	474.0
MAX.CONTRACTION	28.0
MAX.DILATATION	7.0
G.FACTOR	.941
	GTL

1.5 FLOAT/SINK ANALYSIS OF SEAM COMPONENTS

COMPONENT NO. B- 1 INTERVAL 288.65-293.25

	Yield WT%	AIR DRIED BASIS ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	82.20	7.00	.75	25.10	67.15	.28	7.5
1.5 SINK	17.80	39.92					
TOTAL	100.00	12.86					
DRY BASIS		7.05		25.29	67.66		
D.M.M.F. BASIS		-		26.69	73.31		

COAL ANALYSIS PREPARED BY
GENERAL TESTING LABORATORIES
SIGNED:

PROJECT:BELCOURT AREA:HOLTSLANDER
DATE SAMPLED:24/ 8/79 DATE ANALYSED:13/ 2/79
DRILL HOLE #:BD7801 SEAM: 5
LAB COMPOSITE #: B 10-02 WT. REC. 12.20
DATA POINT COORDINATES : N 45740.95 E 72238.41
DATA POINT ELEVATION : 1361.09 M

COMPOSITE DESCRIPTION		MINING SECTION
INTERVAL	176.33 181.20	176.33-181.20
THICKNESS	4.87	4.87
DIP	12	12
COAL/COAL+ROCK	3.55/ 4.82	3.55/ 4.82
DRILL CORE RECOVERY	53.30%	53.30 %
ESTIMATED YIELD	******	

GENERAL TESTING LABS

SIMULATED PRODUCT

SIZE	3/8 X 28	28 X 100	100 X 0
CUTPOINT	SP.G. 1.55	SP.G. 1.70	SEC. 135
CONTRIBUTION	54.2	16.0	9.4

	AIR DRIED	DRY BASIS	D.M.M.F.
YIELD	79.62		
MOISTURE	.67		
ASH	8.34	8.40	
VOLATILE	24.61	24.78	26.41
F.C.	66.38	66.83	73.59
SULPHUR	.33		
PHOSPHORUS	.012		
S.P.G.	1.150		
F.S.I.	6.5		
HARDGROVE	******		

HEAD ANALYSIS - COMPOSITE RAW COAL

	AIR DRIED	DRY BASIS	D.M.M.F.
MOISTURE	.94		
ASH	18.56	18.74	
VOLATILE	22.88	23.10	26.97
F.C.	57.62	58.17	73.03
F.S.I.	5.0		
SULPHUR	.33		
SP.GR. (-3/8 MESH)	1.28		
PHOSPHORUS	.016		
HARDGROVE	74		

DRILL HOLE #:BD7801 SEAM: 5

FLOAT SINK ANALYSES

SIZE REL. WEIGHT
3/8 X 28 72.86

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	57.70	5.16	57.70	5.16	42.30	42.82	******	7.5
1.50	10.50	21.33	68.20	7.65	31.80	49.92	******	6.5
1.55	6.25	25.88	74.45	9.18	25.55	55.80	******	6.5
1.60	2.05	27.47	76.50	9.67	23.50	58.27	******	6.5
1.70	3.25	30.04	79.75	10.50	20.25	62.80	******	5.5
1.80	5.40	32.58	85.15	11.90	14.85	73.79	******	5.5
****	14.85	73.79	100.00	21.09	**********	**********	**********	4.5

SIZE REL. WEIGHT
28 X 100 17.33

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	74.72	3.82	74.72	3.82	25.28	37.60	******	8.0
1.50	8.32	17.99	83.04	5.24	16.96	47.22	******	8.0
1.60	5.56	27.07	88.60	6.61	11.40	57.05	******	7.5
1.70	3.65	36.43	92.25	7.79	7.75	66.76	******	7.5
1.80	1.15	45.15	93.40	8.25	6.60	70.52	******	7.5
1.90	1.10	54.64	94.50	8.79	5.50	73.70	******	7.5
****	5.50	73.70	100.00	12.36	**********	**********	**********	7.5

FROTH FLOATATION

SIZE REL. WEIGHT
100 X 0 9.81

TIME.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	F.S.I.	CUM FSI
45.	86.67	6.86	86.67	6.86	******	7.0
90.	6.47	30.76	93.14	8.52	******	6.5
135.	2.60	55.62	95.74	9.80	******	6.5
180.	2.13	70.53	97.87	11.12	******	6.5
225.	2.13	78.50	100.00	12.56	******	6.0

DRILL HOLE #:BD7801 SEAM: 5

FLUIDITY		DILATATION	
START TEMP.	443.0	SOFT.TEMP.	397.0
FINAL TEMP.	500.0	SOLID.TEMP.	476.0
MAX.FLUIDITY TEMP.	471.0	MAX.CONTRACTION	23.0
MAX.FLUIDITY(DDPM)	8.0	MAX.DILATATION	-18.0
MAX.FLUIDITY(LOG)	.903	G.FACTOR	.574
LAB	GTL	GTL	

1.5 FLOAT/SINK ANALYSIS OF SEAM COMPONENTS

COMPONENT NO. B 3 INTERVAL 180.70-181.20

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	21.50	11.62	.98	25.85	61.55	.86	8.5
1.5 SINK	78.50	66.63					
TOTAL	100.00	54.80					
DRY BASIS		11.74		26.11	62.16		
D.M.M.F. BASIS		-		28.58	71.42		

COMPONENT NO. B 4 INTERVAL 176.33-181.20

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	71.50	5.84	1.37	24.88	67.91	.37	7.5
1.5 SINK	28.50	38.82					
TOTAL	100.00	15.24					
DRY BASIS		5.92		25.23	68.85		
D.M.M.F. BASIS		-		26.34	73.66		

COAL ANALYSIS PREPARED BY
GENERAL TESTING LABORATORIES
SIGNED:

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DENISON MINES LIMITED PAGE: 1

PROJECT:BELCOURT AREA:HOLTSLANDER
DATE SAMPLED:24/ 8/78 DATE ANALYSED:13/ 3/79
DRILL HOLE #:BD7801 SEAM: 6
LAB COMPOSITE #: 810-03 WT. REC. 12.90
DATA POINT COORDINATES : N 45740.95 E 72238.41
DATA POINT ELEVATION : 1361.09 M

COMPOSITE DESCRIPTION		MINING SECTION
INTERVAL	144.40-148.45	144.40-148.45
THICKNESS	4.05	4.05
DIP	14	14
COAL/COAL+ROCK	2.53/ 3.92	2.53/ 3.92
DRILL CORE RECOVERY	85.40%	85.40 %
ESTIMATED YIELD	******	

GENERAL TESTING LABS

SIMULATED PRODUCT

SIZE	3/8 X 28	28 X 100	100 X 0
CUTPOINT	SP.G. 1.55	SP.G. 1.70	SEC. 180
CONTRIBUTION	43.5	16.9	10.1

	AIR DRIED	DRY BASIS	D.M.M.F.
YIELD	70.52		
MOISTURE	1.05		
ASH	7.75	7.83	
VOLATILE	25.76	26.03	27.64
F.C.	65.44	66.13	72.36
SULPHUR	.42		
PHOSPHORUS	.035		
S.P.G.	1.130		
F.S.I.	7.0		
HARDGROVE	******		

HEAD ANALYSIS - COMPOSITE RAW COAL

	AIR DRIED	DRY BASIS	D.M.M.F.
MOISTURE	1.14		
ASH	26.35	26.65	
VOLATILE	20.56	20.80	26.07
F.C.	51.95	52.55	73.93
F.S.I.	5.0		
SULPHUR	.39		
SP.GR. (-3/8 MESH)	1.32		
PHOSPHOROUS	.038		
HARDGROVE	72		

DRILL HOLE #:BD7801 SEAM: 6

FLOAT SINK ANALYSES

SIZE REL. WEIGHT
3/8 X 28 69.99

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	50.75	5.72	50.75	5.72	49.25	56.97	******	8.0
1.50	9.65	11.23	60.40	6.60	39.60	68.12	******	8.0
1.55	1.80	22.15	62.20	7.05	37.80	70.31	******	7.0
1.60	1.70	32.23	63.90	7.72	36.10	72.10	******	6.0
1.70	3.40	35.83	67.30	9.14	32.70	75.87	******	6.0
1.80	1.50	38.04	68.80	9.77	31.20	77.69	******	6.0
****	31.20	77.69	100.00	30.96	**********	**********	**********	4.5

SIZE REL. WEIGHT
28 X 100 19.48

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	73.75	3.75	73.75	3.75	26.25	50.91	******	8.5
1.50	8.50	14.78	82.25	4.89	17.75	68.22	******	8.0
1.60	2.75	27.14	85.00	5.61	15.00	75.75	******	7.5
1.70	1.80	47.56	86.80	6.48	13.20	79.59	******	7.5
1.80	1.30	69.51	88.10	7.41	11.90	80.69	******	7.5
1.90	1.85	75.97	89.95	8.82	10.05	81.56	******	7.5
****	10.05	81.56	100.00	16.13	**********	**********	**********	7.5

FROTH FLOATATION

SIZE REL. WEIGHT
100 X 0 10.53

TIME.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	F.S.I.	CUM FSI
45.	77.66	5.10	77.66	5.10	******	8.0
90.	11.27	21.37	88.93	7.16	******	7.5
135.	4.20	58.36	93.13	9.47	******	7.0
180.	2.60	77.95	95.73	11.33	******	7.0
225.	4.27	86.81	100.00	14.55	******	6.5

DRILL HOLE #:BD7801 SEAM: 6

FLUIDITY		DILATATION	
START TEMP.	446.0	SOFT.TEMP.	392.0
FINAL TEMP.	500.0	SOLID.TEMP.	476.0
MAX.FLUIDITY TEMP.	469.0	MAX.CONTRACTION	28.0
MAX.FLUIDITY(DDPM)	5.0	MAX.DILATATION	-17.0
MAX.FLUIDITY(LOG)	.699	G.FACTOR	.716
LAB	GTL	GTL	

1.5 FLOAT/SINK ANALYSIS OF SEAM COMPONENTS

COMPONENT NO. B 5 INTERVAL 144.40-144.93

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	86.80	4.08	.84	24.40	70.68	.53	7.0
1.5 SINK	13.20	43.40					
TOTAL	100.00	9.27					
DRY BASIS		4.11		24.61	71.28		
D.M.M.F. BASIS		-		25.26	74.74		

COMPONENT NO. 6 INTERVAL 144.93-145.70

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	1.80	14.39	.96	22.98	61.67	.52	5.0
1.5 SINK	98.20	86.00					
TOTAL	100.00	84.71					
DRY BASIS		14.53		23.20	62.27		
D.M.M.F. BASIS		-		25.98	74.02		

COMPONENT NO. 7 INTERVAL 145.70-148.45

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	66.00	5.77	1.15	25.96	67.12	.48	8.5
1.5 SINK	34.00	50.12					
TOTAL	100.00	20.85					
DRY BASIS		5.84		26.26	67.90		
D.M.M.F. BASIS		-		27.40	72.60		

COAL ANALYSIS PREPARED BY
GENERAL TESTING LABORATORIES
SIGNED:

PROJECT:BELCOURT AREA:HOLTSLANDER
DATE SAMPLED:24/ 8/79 DATE ANALYSED:13/ 2/79
DRILL HOLE #:BD7801 SEAM: B
LAB COMPOSITE #: B10-04 WT. REC. 4.50
DATA POINT COORDINATES : N 45740.95 E 72238.41
DATA POINT ELEVATION : 1361.09 M

COMPOSITE DESCRIPTION		MINING SECTION
INTERVAL	66.67-68.20	66.67-68.20
THICKNESS	1.53	1.53
DIP	12	12
COAL/COAL+ROCK	1.41/ 1.49	1.41/ 1.49
DRILL CORE RECOVERY	82.40%	82.40 %
ESTIMATED YIELD	******	

GENERAL TESTING LABS

SIMULATED PRODUCT

SIZE	3/8 X 28	28 X 100	100 X 0
CUTPOINT	SP.G. 1.55	SP.G. 1.70	SEC. 180
CONTRIBUTION	64.9	14.2	7.4

	AIR DRIED	DRY BASIS	D.M.M.F.
YIELD	86.49		
MOISTURE	1.07		
ASH	6.57	6.64	
VOLATILE	26.20	26.48	27.87
F.C.	66.16	66.88	72.13
SULPHUR	.31		
PHOSPHORUS	.102		
S.P.G.	1.110		
F.S.I.	6.0		
HARDGROVE	******		

HEAD ANALYSIS - COMPOSITE RAW COAL

	AIR DRIED	DRY BASIS	D.M.M.F.
MOISTURE	1.17		
ASH	10.81	10.94	
VOLATILE	25.23	25.53	27.86
F.C.	62.79	63.53	72.14
F.S.I.	5.5		
SULPHUR	.34		
SP.GR. (-3/8 MESH)	1.22		
PHOSPHOROUS	.090		
HARDGROVE	73		

DRILL HOLE #:BD7801 SEAM: B

FLOAT SINK ANALYSES

SIZE REL. WEIGHT
3/8 X 28 77.70

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	70.45	6.06	70.45	6.06	29.55	27.75	******	4.0
1.50	7.55	8.02	78.00	6.25	22.00	34.52	******	4.0
1.55	5.50	16.57	83.50	6.93	16.50	40.51	******	4.0
1.60	4.40	23.31	87.90	7.75	12.10	46.76	******	4.0
1.70	5.70	27.46	93.60	8.95	6.40	63.95	******	3.5
1.80	2.50	43.55	96.10	9.85	3.90	77.03	******	3.5
****	3.90	77.03	100.00	12.47	**********	**********		3.0

SIZE REL. WEIGHT
28 X 100 14.92

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	80.70	2.89	80.70	2.89	19.30	28.28	******	7.5
1.50	7.35	12.95	88.05	3.73	11.95	37.70	******	6.5
1.60	4.45	25.76	92.50	4.79	7.50	44.79	******	6.5
1.70	2.85	32.22	95.35	5.61	4.65	52.49	******	6.0
1.80	1.15	40.85	96.50	6.03	3.50	56.32	******	6.0
1.90	3.00	55.12	99.50	7.51	.50	63.51	******	4.5
****	.50	63.51	100.00	7.79	**********	**********		4.0

FROTH FLOATATION

SIZE REL. WEIGHT
100 X 0 7.38

TIME.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	F.S.I.	CUM FSI
45.	81.70	4.80	81.70	4.80	******	5.5
90.	9.55	18.93	91.25	6.28	******	5.0
135.	4.61	40.90	95.86	7.94	******	5.0
180.	1.73	63.89	97.59	8.94	******	5.0
225.	2.41	75.75	100.00	10.55	******	4.5

DRILL HOLE #:BD7801 SEAM: B

FLUIDITY		DILATATION	
START TEMP.	******	SOFT.TEMP.	406.0
FINAL TEMP.	******	SOLID.TEMP.	******
MAX.FLUIDITY TEMP.	464.0	MAX.CONTRACTION	24.0
MAX.FLUIDITY(DDPM)	1.0	MAX.DILATATION	******
MAX.FLUIDITY(LOG)	******	G.FACTOR	******
LAB	GTL		GTL

1.5 FLOAT/SINK ANALYSIS OF SEAM COMPONENTS

COMPONENT NO. B 14 INTERVAL 66.67-68.20

		AIR DRIED BASIS				
	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	80.50	5.58	1.13	26.84	66.45	1.13	7.0
1.5 SINK	19.50	37.58					
TOTAL	100.00	11.82					
DRY BASIS		5.64		27.15	67.21		
D.M.M.F. BASIS		-		28.13	71.87		

COAL ANALYSIS PREPARED BY
GENERAL TESTING LABORATORIES
SIGNED:

PROJECT:BELCOURT AREA:HOLTSLANDER
DATE SAMPLED:24/ 8/78 DATE ANALYSED: 2/ 3/79
DRILL HOLE #:BD7801 SEAM: 8
LAB COMPOSITE #: B 10 49 WT. REC. 2.08
DATA POINT COORDINATES : N 45740.95 E 72238.41
DATA POINT ELEVATION : 1361.09 M

COMPOSITE DESCRIPTION		MINING SECTION
INTERVAL	63.89-64.50	63.89-64.50
THICKNESS	.61	.61
DIP	15	15
COAL/COAL+ROCK	.60/ .60	.60/ .60
DRILL CORE RECOVERY	100.00%	100.00 %
ESTIMATED YIELD	******	

GENERAL TESTING LABS

SIMULATED PRODUCT SIZE	3/8 X 28	28 X 100	100 X 0
CUTPOINT	SP.G. 1.55	SP.G. 1.70	SEC. 225
CONTRIBUTION	75.6	13.1	6.0

	AIR DRIED	DRY BASIS	D.M.M.F.
YIELD	94.67		
MOISTURE	.63		
ASH	5.92	5.96	
VOLATILE	25.45	25.61	26.75
F.C.	68.00	68.43	73.25
SULPHUR	.40		
PHOSPHORUS	.096		
S.P.G.	1.110		
F.S.I.	5.0		
HARDGROVE	******		

HEAD ANALYSIS - COMPOSITE RAW COAL

	AIR DRIED	DRY BASIS	D.M.M.F.
MOISTURE	1.14		
ASH	8.40	8.50	
VOLATILE	25.71	26.01	27.77
F.C.	64.75	65.50	72.23
F.S.I.	4.0		
SULPHUR	.42		
SP.GR. (-3/8 MESH)	1.25		
PHOSPHORUS	.124		
HARDGROVE	0		

DRILL HOLE #:BD7801 SEAM: B

FLOAT SINK ANALYSES

SIZE REL. WEIGHT
3/8 X 28 80.55

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	85.47	5.08	85.47	5.08	14.53	30.34	******	5.0
1.50	7.08	16.84	92.55	5.98	7.45	43.16	******	4.5
1.55	1.30	18.25	93.85	6.15	6.15	48.43	******	4.5
1.60	1.42	20.24	95.27	6.36	4.73	56.89	******	4.5
1.70	.78	30.99	96.05	6.56	3.95	62.00	******	4.5
1.80	1.50	48.83	97.55	7.21	2.45	70.07	******	4.0
****	2.45	70.07	100.00	8.75	**********	**********	**********	3.5

SIZE REL. WEIGHT
28 X 100 13.48

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	85.35	3.82	85.35	3.82	14.65	23.00	******	7.0
1.50	9.35	13.04	94.70	4.73	5.30	40.58	******	6.5
1.60	.30	23.73	95.00	4.79	5.00	41.59	******	6.5
1.70	2.15	29.19	97.15	5.33	2.85	50.95	******	5.5
1.80	.35	41.54	97.50	5.46	2.50	52.26	******	5.5
1.90	2.30	50.59	99.80	6.50	.20	71.50	******	5.0
****	.20	71.50	100.00	6.63	**********	**********	**********	5.0

FROTH FLOATATION

SIZE REL. WEIGHT
100 X 0 5.97

TIME.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	F.S.I.	CUM FSI
45.	94.77	5.63	94.77	5.63	******	5.5
90.	1.29	50.71	96.06	6.24	******	5.5
135.	1.17	71.67	97.23	7.02	******	5.5
180.	.99	80.06	98.22	7.76	******	5.5
225.	1.78	86.15	100.00	9.15	******	5.5

DRILL HOLE #:BD7801 SEAM: B

FLUIDITY		DILATATION	
START TEMP.	******	SOFT.TEMP.	******
FINAL TEMP.	******	SOLID.TEMP.	******
MAX.FLUIDITY TEMP.	******	MAX.CONTRACTION	******
MAX.FLUIDITY(DDPM)	******	MAX.DILATATION	******
MAX.FLUIDITY(LOG)	******	G.FACTOR	******

LAB

1.5 FLOAT/SINK ANALYSIS OF SEAM COMPONENTS

COMPONENT NO. B-13 INTERVAL 63.89-64.50

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	90.20	5.51	1.07	25.75	67.67	.41	7.0
1.5 SINK	9.80	35.92					
TOTAL	100.00	8.49					
DRY BASIS		5.57		26.03	68.40		
D.M.M.F. BASIS		-		27.11	72.89		

COAL ANALYSIS PREPARED BY
GENERAL TESTING LABORATORIES
SIGNED:

PROJECT:BELCOURT AREA:RED DEER
DATE SAMPLED:24/ 8/79 DATE ANALYSED:13/ 2/79
DRILL HOLE #:BD7802 SEAM: 1
LAB COMPOSITE #: B10-05 WT. REC. 24.90
DATA POINT COORDINATES : N 52754.28 E 64305.74
DATA POINT ELEVATION : 1727.94 M

COMPOSITE DESCRIPTION		MINING SECTION
INTERVAL	364.85-371.93	364.85-371.93
THICKNESS	7.08	7.08
DIP	9	9
COAL/COAL+ROCK	5.97/ 6.98	5.97/ 6.98
DRILL CORE RECOVERY	90.10%	90.10 %
ESTIMATED YIELD	******	

GENERAL TESTING LABS

SIMULATED PRODUCT SIZE	3/8 X 28	28 X 100	100 X 0
CUTPOINT	SP.G. 1.55	SP.G. 1.70	SEC. 135
CONTRIBUTION	59.2	15.8	9.4

	AIR DRIED	DRY BASIS	D.M.M.F.
YIELD	84.34		
MOISTURE	.68		
ASH	6.50	6.54	
VOLATILE	26.27	26.45	27.84
F.C.	66.55	67.01	72.16
SULPHUR	.20		
PHOSPHORUS	.028		
S.P.G.	1.170		
F.S.I.	7.5		
HARDGROVE	******		

HEAD ANALYSIS - COMPOSITE RAW COAL

	AIR DRIED	DRY BASIS	D.M.M.F.
MOISTURE	.99		
ASH	12.86	12.99	
VOLATILE	24.70	24.95	27.74
F.C.	61.45	62.06	72.26
F.S.I.	7.0		
SULPHUR	.23		
SP.GR. (-3/8 MESH)	1.30		
PHOSPHOROUS	.023		
HARDGROVE	72		

DRILL HOLE #:BD7802 SEAM: 1

FLOAT SINK ANALYSES

SIZE REL. WEIGHT
3/8 X 28 72.95

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	73.20	5.03	73.20	5.03	26.80	37.16	******	7.5
1.50	4.70	19.62	77.90	5.91	22.10	40.89	******	7.5
1.55	3.20	19.85	81.10	6.46	18.90	44.45	******	7.5
1.60	2.60	20.30	83.70	6.89	16.30	48.30	******	7.5
1.70	5.75	23.54	89.45	7.96	10.55	61.80	******	7.0
1.80	1.90	45.46	91.35	8.74	8.65	65.39	******	7.0
****	8.65	65.39	100.00	13.64	**********		**********	5.5

SIZE REL. WEIGHT
28 X 100 17.25

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	80.70	3.36	80.70	3.36	19.30	40.30	******	8.5
1.50	6.50	18.39	87.20	4.48	12.80	51.43	******	8.5
1.60	3.10	28.95	90.30	5.32	9.70	58.62	******	8.0
1.70	1.05	39.25	91.35	5.71	8.65	60.97	******	8.0
1.80	3.05	49.35	94.40	7.12	5.60	67.30	******	7.5
1.90	.45	55.60	94.85	7.35	5.15	68.32	******	7.0
****	5.15	68.32	100.00	10.49	**********		**********	7.0

FROTH FLOATATION

SIZE REL. WEIGHT
100 X 0 9.80

TIME.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	F.S.I.	CUM FSI
45.	90.31	6.50	90.31	6.50	******	9.0
90.	2.49	50.27	92.80	7.67	******	9.0
135.	3.36	67.37	96.16	9.76	******	8.5
180.	1.89	75.47	98.05	11.03	******	8.5
225.	1.95	85.89	100.00	12.49	******	8.0

DRILL HOLE #:BD7802 SEAM: 1

FLUIDITY		DILATATION	
START TEMP.	442.0	SOFT.TEMP.	385.0
FINAL TEMP.	503.0	SOLID.TEMP.	470.0
MAX.FLUIDITY TEMP.	475.0	MAX.CONTRACTION	27.0
MAX.FLUIDITY(DDPM)	25.0	MAX.DILATATION	2.0
MAX.FLUIDITY(LOG)	1.398	G.FACTOR	.921
LAB	GTL	GTL	

1.5 FLOAT/SINK ANALYSIS OF SEAM COMPONENTS

COMPONENT NO. 31 INTERVAL 364.85-366.04

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	55.00	4.41	.36	26.65	68.58	.43	5.5
1.5 SINK	45.00	58.74					
TOTAL	100.00	28.86					
DRY BASIS		4.43		26.75	68.83		
D.M.M.F. BASIS		-		27.60	72.40		

COMPONENT NO. 32 INTERVAL 366.04-366.20

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	13.00	8.29	.38	25.58	65.75	.32	8.5
1.5 SINK	87.00	72.80					
TOTAL	100.00	64.41					
DRY BASIS		8.32		25.68	66.00		
D.M.M.F. BASIS		-		27.39	72.61		

COMPONENT NO. 33 INTERVAL 366.20-371.93

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	82.30	5.46	.40	26.20	67.94	.22	7.0
1.5 SINK	17.70	39.98					
TOTAL	100.00	11.57					
DRY BASIS		5.48		26.31	68.21		
D.M.M.F. BASIS		-		27.44	72.56		

COAL ANALYSIS PREPARED BY
GENERAL TESTING LABORATORIES
SIGNED:

PROJECT:BELCOURT AREA:RED DEER
DATE SAMPLED:24/ 8/79 DATE ANALYSED:13/ 2/79
DRILL HOLE #:BD7802 SEAM: 3
LAB COMPOSITE #: B10-06 WT. REC. 15.50
DATA POINT COORDINATES : N 52754.28 E 64305.74
DATA POINT ELEVATION : 1727.94 M

COMPOSITE DESCRIPTION		MINING SECTION
INTERVAL	320.87-326.45	320.87-326.45
THICKNESS	5.58	5.58
DIP	8	8
COAL/COAL+ROCK	5.10/ 5.56	5.10/ 5.56
DRILL CORE RECOVERY	85.40%	85.40 %
ESTIMATED YIELD	******	

GENERAL TESTING LABS

SIMULATED PRODUCT

SIZE	3/8 X 28	28 X 100	100 X 0
CUTPOINT	SP.G. 1.55	SP.G. 1.70	SEC. 180
CONTRIBUTION	52.0	16.4	9.7

	AIR DRIED	DRY BASIS	D.M.M.F.
YIELD	77.98		
MOISTURE	.79		
ASH	6.98	7.04	
VOLATILE	26.74	26.95	28.49
F.C.	65.49	66.01	71.51
SULPHUR	.26		
PHOSPHORUS	.027		
S.P.G.	1.130		
F.S.I.	7.0		
HARDGROVE	******		

HEAD ANALYSIS - COMPOSITE RAW COAL

	AIR DRIED	DRY BASIS	D.M.M.F.
MOISTURE	1.01		
ASH	18.69	18.88	
VOLATILE	23.99	24.23	28.46
F.C.	56.31	56.88	71.54
F.S.I.	6.0		
SULPHUR	.26		
SP.GR. (-3/8 MESH)	1.36		
PHOSPHOROUS	.026		
HARDGROVE	74		

DRILL HOLE #:BD7802 SEAM: 3

FLOAT SINK ANALYSES

SIZE REL. WEIGHT
3/8 X 28 72.42

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	62.35	4.80	62.35	4.80	37.65	49.63	******	8.5
1.50	5.55	19.48	67.90	6.00	32.10	54.85	******	7.5
1.55	3.85	21.84	71.75	6.85	28.25	59.35	******	7.0
1.60	2.70	23.39	74.45	7.45	25.55	63.15	******	7.0
1.70	3.60	31.73	78.05	8.57	21.95	68.30	******	7.0
1.80	1.40	56.24	79.45	9.41	20.55	69.12	******	6.0
****	20.55	69.12	100.00	21.68	**********	**********		5.0

SIZE REL. WEIGHT
28 X 100 17.71

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	85.50	5.23	85.50	5.23	14.50	48.26	******	8.5
1.50	4.85	14.54	90.35	5.73	9.65	65.21	******	8.5
1.60	1.55	41.30	91.90	6.33	8.10	69.79	******	8.5
1.70	.50	59.92	92.40	6.62	7.60	70.43	******	7.5
1.80	.10	62.12	92.50	6.68	7.50	70.55	******	6.5
1.90	.95	68.65	93.45	7.31	6.55	70.82	******	6.5
****	6.55	70.82	100.00	11.47	**********	**********		6.5

FROTH FLOATATION

SIZE REL. WEIGHT
100 X 0 9.87

TIME.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	F.S.I.	CUM FSI
45.	89.99	5.70	89.99	5.70	******	9.0
90.	4.03	43.82	94.02	7.33	******	5.0
135.	2.69	70.35	96.71	9.09	******	5.0
180.	1.21	82.45	97.92	9.99	******	5.0
225.	2.08	88.94	100.00	11.64	******	5.0

DRILL HOLE #:BD7802 SEAM: 3

FLUIDITY		DILATATION	
START TEMP.	436.0	SOFT.TEMP.	390.0
FINAL TEMP.	498.0	SOLID.TEMP.	468.0
MAX.FLUIDITY TEMP.	469.0	MAX.CONTRACTION	25.0
MAX.FLUIDITY(DDPM)	32.0	MAX.DILATATION	19.0
MAX.FLUIDITY(LOG)	1.505	G.FACTOR	.988
LAB	GTL	GTL	

1.5 FLOAT/SINK ANALYSIS OF SEAM COMPONENTS

COMPONENT NO. 41 INTERVAL 320.87-322.00

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	78.30	4.15	.80	27.05	68.00	.25	7.0
1.5 SINK	21.70	40.46					
TOTAL	100.00	12.03					
DRY BASIS		4.18		27.27	68.55		
D.M.M.F. BASIS		-		28.14	71.86		

COMPONENT NO. 42 INTERVAL 322.00-322.35

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	7.70	7.11	.89	26.65	65.35	.60	7.0
1.5 SINK	92.30	74.33					
TOTAL	100.00	69.15					
DRY BASIS		7.17		26.89	65.94		
D.M.M.F. BASIS		-		28.37	71.63		

COMPONENT NO. 43 INTERVAL 322.35-326.45

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	77.00	5.90	.70	26.48	66.92	.27	6.5
1.5 SINK	23.00	48.90					
TOTAL	100.00	15.79					
DRY BASIS		5.94		26.67	67.39		
D.M.M.F. BASIS		-		27.92	72.08		

COAL ANALYSIS PREPARED BY
GENERAL TESTING LABORATORIES
SIGNED:

PROJECT:BELCOURT AREA:RED DEER
DATE SAMPLED:24/ 8/78 DATE ANALYSED:13/ 2/79
DRILL HOLE #:BD7802 SEAM: 2
LAB COMPOSITE #: B10-07 WT. REC. 4.10
DATA POINT COORDINATES : N 52754.28 E 64305.74
DATA POINT ELEVATION : 1727.94 M

COMPOSITE DESCRIPTION		MINING SECTION
INTERVAL	331.98-335.03	331.98-335.03
THICKNESS	3.05	3.05
DIP	10	10
COAL/COAL+ROCK	3.01/ 3.03	3.01/ 3.03
DRILL CORE RECOVERY	90.40%	90.40 %
ESTIMATED YIELD	******	

GENERAL TESTING LABS

SIMULATED PRODUCT

SIZE	3/8 X 28	28 X 100	100 X 0
CUTPOINT	SP.G. 1.55	SP.G. 1.70	SEC. 180
CONTRIBUTION	57.9	17.3	11.0

	AIR DRIED	DRY BASIS	D.M.M.F.
YIELD	86.12		
MOISTURE	.64		
ASH	7.07	7.12	
VOLATILE	26.36	26.53	28.06
F.C.	65.93	66.35	71.94
SULPHUR	.24		
PHOSPHORUS	.039		
S.P.G.	1.140		
F.S.I.	6.5		
HARDGROVE	******		

HEAD ANALYSIS - COMPOSITE RAW COAL

	AIR DRIED	DRY BASIS	D.M.M.F.
MOISTURE	.90		
ASH	13.52	13.64	
VOLATILE	25.47	25.70	28.79
F.C.	60.11	60.66	71.21
F.S.I.	6.5		
SULPHUR	.24		
SP.GR. (-3/8 MESH)	1.30		
PHOSPHOROUS	.037		
HARDGROVE	71		

DRILL HOLE #:BD7802 SEAM: 2

FLOAT SINK ANALYSES

SIZE REL. WEIGHT
3/8 X 28 69.78

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	70.75	7.00	70.75	7.00	29.25	33.53	******	5.5
1.50	10.30	9.99	81.05	7.38	18.95	46.32	******	5.5
1.55	1.90	13.06	82.95	7.51	17.05	50.03	******	5.5
1.60	4.35	20.35	87.30	8.15	12.70	60.20	******	5.5
1.70	1.90	45.24	89.20	8.94	10.80	62.83	******	5.0
1.80	1.80	57.98	91.00	9.91	9.00	63.80	******	4.5
****	9.00	63.80	100.00	14.76	**********	**********	**********	5.5

SIZE REL. WEIGHT
28 X 100 18.96

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	82.65	3.87	82.65	3.87	17.35	43.52	******	8.5
1.50	5.10	17.29	87.75	4.65	12.25	54.45	******	8.5
1.60	2.20	27.14	89.95	5.20	10.05	60.42	******	8.0
1.70	1.15	45.60	91.10	5.71	8.90	62.34	******	8.0
1.80	1.00	55.44	92.10	6.25	7.90	63.21	******	7.5
1.90	2.00	60.83	94.10	7.41	5.90	64.02	******	7.5
****	5.90	64.02	100.00	10.75	**********	**********	**********	7.5

FROTH FLOATATION

SIZE REL. WEIGHT
100 X 0 11.26

TIME.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	F.S.I.	CUM FSI
45.	88.37	5.60	88.37	5.60	******	8.0
90.	4.59	33.28	92.96	6.97	******	7.5
135.	2.19	59.02	95.15	8.16	******	7.5
180.	2.26	72.19	97.41	9.65	******	7.5
225.	2.59	80.02	100.00	11.47	******	7.0

DRILL HOLE #:BD7802 SEAM: 2

FLUIDITY		DILATATION	
START TEMP.	439.0	SOFT.TEMP.	390.0
FINAL TEMP.	496.0	SOLID.TEMP.	470.0
MAX.FLUIDITY TEMP.	470.0	MAX.CONTRACTION	26.0
MAX.FLUIDITY(DDPM)	14.0	MAX.DILATATION	-2.0
MAX.FLUIDITY(LOG)	1.146	G.FACTOR	.902
LAB	GTL	GTL	

1.5 FLOAT/SINK ANALYSIS OF SEAM COMPONENTS

COMPONENT NO. B 44 INTERVAL 331.98-335.03

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	80.60	6.17	.82	25.85	67.16	.26	6.5
1.5 SINK	19.40	38.54					
TOTAL	100.00	12.45					
DRY BASIS		6.22		26.06	67.72		
D.M.M.F. BASIS		-		27.34	72.66		

COAL ANALYSIS PREPARED BY
GENERAL TESTING LABORATORIES
SIGNED:

PROJECT:BELCOURT AREA:RED DEER
DATE SAMPLED:24/ 8/79 DATE ANALYSED:13/ 2/79
DRILL HOLE #:BD7802 SEAM: 6
LAB COMPOSITE #: 810-08 WT. REC. 3.70
DATA POINT COORDINATES : N 52754.28 E 64305.74
DATA POINT ELEVATION : 1727.94 M

COMPOSITE DESCRIPTION		MINING SECTION
INTERVAL	245.50-246.72	245.47-246.72
THICKNESS	1.22	1.25
DIP	6	6
COAL/COAL+ROCK	1.21/ 1.21	1.22/ 1.24
DRILL CORE RECOVERY	86.90%	86.90 %
ESTIMATED YIELD	******	

GENERAL TESTING LABS

SIMULATED PRODUCT

SIZE	3/8 X 28	28 X 100	100 X 0
CUTPOINT	SP.G. 1.55	SP.G. 1.70	SEC. 135
CONTRIBUTION	70.1	14.2	6.9

	AIR DRIED	DRY BASIS	D.M.M.F.
YIELD	91.20		
MOISTURE	.77		
ASH	5.75	5.79	
VOLATILE	24.89	25.08	26.14
F.C.	68.59	69.12	73.86
SULPHUR	.45		
PHOSPHORUS	.129		
S.P.G.	1.120		
F.S.I.	5.5		
HARDGROVE	******		

HEAD ANALYSIS - COMPOSITE RAW COAL

	AIR DRIED	DRY BASIS	D.M.M.F.
MOISTURE	.96		
ASH	9.17	9.26	
VOLATILE	23.55	23.78	25.46
F.C.	66.32	66.96	74.54
F.S.I.	5.5		
SULPHUR	.48		
SP.GR. (-3/8 MESH)	1.27		
PHOSPHOROUS	.086		
HARDGROVE	68		

DRILL HOLE #:BD7802 SEAM: 6

FLOAT SINK ANALYSES

SIZE REL. WEIGHT
3/8 X 28 78.30

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	80.60	4.68	80.60	4.68	19.40	29.73	******	6.0
1.50	7.85	13.92	88.45	5.50	11.55	40.48	******	6.0
1.55	1.05	14.88	89.50	5.61	10.50	43.04	******	6.0
1.60	4.25	29.21	93.75	6.68	6.25	52.44	******	6.0
1.70	2.25	48.07	96.00	7.65	4.00	54.90	******	5.0
1.80	1.20	53.82	97.20	8.22	2.80	55.36	******	4.5
****	2.80	55.36	100.00	9.54	**********	**********		4.5

SIZE REL. WEIGHT
28 X 100 14.80

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	81.00	3.57	81.00	3.57	19.00	26.99	******	8.0
1.50	6.30	16.18	87.30	4.48	12.70	32.36	******	7.5
1.60	5.75	21.96	93.05	5.56	6.95	40.96	******	6.0
1.70	3.00	35.66	96.05	6.50	3.95	44.98	******	6.0
1.80	1.95	43.69	98.00	7.24	2.00	46.24	******	6.0
1.90	.40	44.14	98.40	7.39	1.60	46.77	******	6.0
****	1.60	46.77	100.00	8.02	**********	**********		5.0

FROTH FLOATATION

SIZE REL. WEIGHT
100 X 0 6.90

TIME.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	F.S.I.	CUM FSI
45.	88.94	5.43	88.94	5.43	******	6.0
90.	6.79	23.33	95.73	6.70	******	5.5
135.	2.61	41.81	98.34	7.63	******	5.5
180.	.96	68.04	99.30	8.22	******	5.5
225.	.70	80.22	100.00	8.72	******	5.5

DRILL HOLE #:BD7802 SEAM: 6

FLUIDITY		DILATATION	
START TEMP.	452.0	SOFT.TEMP.	397.0
FINAL TEMP.	494.0	SOLID.TEMP.	******
MAX.FLUIDITY TEMP.	468.0	MAX.CONTRACTION	23.0
MAX.FLUIDITY(DDPM)	2.0	MAX.DILATATION	******
MAX.FLUIDITY(LOG)	.301	G.FACTOR	******
LAB	GTL	GTL	

1.5 FLOAT/SINK ANALYSIS OF SEAM COMPONENTS

COMPONENT NO. B 17 INTERVAL 245.50-246.72

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	84.30	4.89	.83	25.67	68.61	.83	6.0
1.5 SINK	15.70	29.22					
TOTAL	100.00	8.71					
DRY BASIS		4.93		25.88	69.18		
D.M.M.F. BASIS		-		26.70	73.30		

COAL ANALYSIS PREPARED BY
GENERAL TESTING LABORATORIES
SIGNED:

PROJECT:BELCOURT AREA:RED DEER
DATE SAMPLED:24/ 8/78 DATE ANALYSED:13/ 2/79
DRILL HOLE #:BD7802 SEAM: 6
LAB COMPOSITE #: B10-09 WT. REC. 2.90
DATA POINT COORDINATES : N 52754.28 E 64305.74
DATA POINT ELEVATION : 1727.94 M

COMPOSITE DESCRIPTION		MINING SECTION
INTERVAL	227.75-228.80	227.75-228.80
THICKNESS	1.05	1.05
DIP	8	8
COAL/COAL+ROCK	.95/ 1.05	.95/ 1.05
DRILL CORE RECOVERY	81.90%	81.90 %
ESTIMATED YIELD	******	

GENERAL TESTING LABS

SIMULATED PRODUCT

SIZE	3/8 X 28	28 X 100	100 X 0
CUTPOINT	SP.G. 1.55	SP.G. 1.70	SEC. 135
CONTRIBUTION	51.5	9.7	4.1

	AIR DRIED	DRY BASIS	D.M.M.F.
YIELD	65.28		
MOISTURE	.56		
ASH	7.37	7.41	
VOLATILE	27.26	27.41	29.01
F.C.	64.81	65.17	70.99
SULPHUR	.55		
PHOSPHORUS	.017		
S.P.G.	1.160		
F.S.I.	7.5		
HARDGROVE	******		

HEAD ANALYSIS - COMPOSITE RAW COAL

	AIR DRIED	DRY BASIS	D.M.M.F.
MOISTURE	.90		
ASH	25.36	25.59	
VOLATILE	22.83	23.04	28.85
F.C.	50.91	51.37	71.15
F.S.I.	5.0		
SULPHUR	.46		
SP.GR. (-3/8 MESH)	1.42		
PHOSPHORDUS	.014		
HARDGROVE	74		

DRILL HOLE #:BD7802 SEAM: 6

FLOAT SINK ANALYSES

SIZE REL. WEIGHT
3/8 X 28 84.15

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	52.85	5.22	52.85	5.22	47.15	52.12	******	8.0
1.50	6.95	18.38	59.80	6.75	40.20	57.95	******	8.0
1.55	1.35	22.15	61.15	7.09	38.85	59.19	******	8.0
1.60	4.55	28.17	65.70	8.55	34.30	63.31	******	7.5
1.70	4.90	36.65	70.60	10.50	29.40	67.75	******	7.0
1.80	1.65	47.72	72.25	11.35	27.75	68.94	******	6.0
****	27.75	68.94	100.00	27.33	**********	**********	**********	5.5

SIZE REL. WEIGHT
28 X 100 11.48

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	71.20	3.73	71.20	3.73	28.80	46.85	******	8.5
1.50	6.60	14.10	77.80	4.61	22.20	56.59	******	8.0
1.60	4.60	28.26	82.40	5.93	17.60	64.00	******	8.0
1.70	2.40	46.56	84.80	7.08	15.20	66.75	******	7.5
1.80	4.15	53.16	88.95	9.23	11.05	71.86	******	7.0
1.90	.10	62.66	89.05	9.29	10.95	71.94	******	6.0
****	10.95	71.94	100.00	16.15	**********	**********	**********	5.0

FROTH FLOATATION

SIZE REL. WEIGHT
100 X 0 4.37

TIME.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	F.S.I.	CUM FSI
45.	84.19	7.53	84.19	7.53	******	7.5
90.	3.16	52.86	87.35	9.17	******	7.5
135.	5.93	64.43	93.28	12.68	******	7.0
180.	5.34	74.84	98.62	16.05	******	6.5
225.	1.38	77.65	100.00	16.90	******	6.5

DRILL HOLE #:BD7802 SEAM: 6

FLUIDITY		DILATATION	
START TEMP.	432.0	SOFT.TEMP.	384.0
FINAL TEMP.	496.0	SOLID.TEMP.	471.0
MAX.FLUIDITY TEMP.	464.0	MAX.CONTRACTION	25.0
MAX.FLUIDITY(DDPM)	40.0	MAX.DILATATION	29.0
MAX.FLUIDITY(LOG)	1.602	G.FACTOR	1.008
LAB	GTL	GTL	

1.5 FLOAT/SINK ANALYSIS OF SEAM COMPONENTS

COMPONENT NO. B 19 INTERVAL 227.75-228.08

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	71.00	8.68	.47	26.28	64.57	.56	7.0
1.5 SINK	29.00	46.99					
TOTAL	100.00	19.79					
DRY BASIS		8.72		26.40	64.87		
D.M.M.F. BASIS		-		28.23	71.77		

COMPONENT NO. 20 INTERVAL 228.08-228.18

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	2.50	15.35	.35	21.38	62.92	.60	6.5
1.5 SINK	97.50	68.79					
TOTAL	100.00	67.45					
DRY BASIS		15.40		21.46	63.14		
D.M.M.F. BASIS		-		24.07	75.93		

COMPONENT NO. 21 INTERVAL 228.18-228.80

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	70.10	4.65	.47	28.19	66.69	.61	8.5
1.5 SINK	29.90	56.99					
TOTAL	100.00	20.30					
DRY BASIS		4.67		28.32	67.00		
D.M.M.F. BASIS		-		29.28	70.72		

COAL ANALYSIS PREPARED BY
GENERAL TESTING LABORATORIES
SIGNED:

PROJECT:BELCOURT AREA:RED DEER
DATE SAMPLED:24/ 8/78 DATE ANALYSED: 2/ 3/79
DRILL HOLE #:BD7802 SEAM: 6
LAB COMPOSITE #: B 10-50 WT. REC. 2.94
DATA POINT COORDINATES : N 52754.28 E 64305.74
DATA POINT ELEVATION : 1727.94 M

COMPOSITE DESCRIPTION		MINING SECTION
INTERVAL	242.35-242.85	242.35-242.85
THICKNESS	.50	.50
DIP	8	8
COAL/COAL+ROCK	.50/ .50	.50/ .50
DRILL CORE RECOVERY	100.00%	0. %
ESTIMATED YIELD	******	

GENERAL TESTING LABS

SIMULATED PRODUCT

SIZE	3/8 X 28	28 X 100	100 X 0
CUTPOINT	SP.G. 1.55	SP.G. 1.70	SEC. 45
CONTRIBUTION	51.9	10.2	4.1

	AIR DRIED	DRY BASIS	D.M.M.F.
YIELD	66.24		
MOISTURE	.62		
ASH	6.91	6.95	
VOLATILE	25.37	25.53	26.85
F.C.	67.10	67.52	73.15
SULPHUR	.56		
PHOSPHORUS	.030		
S.P.G.	1.170		
F.S.I.	7.5		
HARDGROVE	******		

HEAD ANALYSIS - COMPOSITE RAW COAL

	AIR DRIED	DRY BASIS	D.M.M.F.
MOISTURE	1.10		
ASH	24.87	25.15	
VOLATILE	22.72	22.97	28.61
F.C.	51.31	51.88	71.39
F.S.I.	3.0		
SULPHUR	.50		
SP.GR. (-3/8 MESH)	1.37		
PHOSPHOROUS	.022		
HARDGROVE	0		

DRILL HOLE #:BD7802 SEAM: 6

FLOAT SINK ANALYSES

SIZE REL. WEIGHT
3/8 X 28 83.39

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	51.40	4.52	51.40	4.52	48.60	49.89	******	7.5
1.50	8.05	18.03	59.45	6.35	40.55	56.21	******	7.5
1.55	2.80	22.58	62.25	7.08	37.75	58.71	******	7.5
1.60	6.60	26.07	68.85	8.90	31.15	65.63	******	7.0
1.70	3.60	40.30	72.45	10.46	27.55	68.93	******	7.0
1.80	3.40	55.97	75.85	12.50	24.15	70.76	******	7.0
****	24.15	70.76	100.00	26.57	**********	**********		2.5

SIZE REL. WEIGHT
28 X 100 12.02

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	71.75	3.26	71.75	3.26	28.25	57.31	******	7.5
1.50	5.00	17.38	76.75	4.18	23.25	65.90	******	7.5
1.60	1.20	28.21	77.95	4.55	22.05	67.95	******	7.0
1.70	7.05	40.84	85.00	7.56	15.00	80.69	******	6.5
1.80	.60	56.07	85.60	7.90	14.40	81.72	******	6.5
1.90	2.75	70.23	88.35	9.84	11.65	84.43	******	6.5
****	11.65	84.43	100.00	18.53	**********	**********		4.5

FROTH FLOATATION

SIZE REL. WEIGHT
100 X 0 4.59

TIME.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	F.S.I.	CUM FSI
45.	89.46	9.51	89.46	9.51	******	8.0
90.	3.63	65.52	93.09	11.69	******	7.5
135.	3.14	78.20	96.23	13.86	******	7.5
180.	1.57	84.17	97.80	14.99	******	7.5
225.	2.20	85.86	100.00	16.55	******	7.5

DRILL HOLE #:BD7802 SEAM: 6

FLUIDITY		DILATATION	
START TEMP.	******	SOFT.TEMP.	******
FINAL TEMP.	******	SOLID.TEMP.	******
MAX.FLUIDITY TEMP.	******	MAX.CONTRACTION	******
MAX.FLUIDITY(DDPM)	******	MAX.DILATATION	******
MAX.FLUIDITY(LOG)	******	G.FACTOR	******

LAB

1.5 FLOAT/SINK ANALYSIS OF SEAM COMPONENTS

COMPONENT NO. B-16 INTERVAL 242.35-242.85

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	64.00	6.86	.88	26.37	65.89	.66	6.5
1.5 SINK	36.00	59.28					
TOTAL	100.00	25.73					
DRY BASIS		6.92		26.60	66.47		
D.M.M.F. BASIS		-		27.98	72.02		

COAL ANALYSIS PREPARED BY
GENERAL TESTING LABORATORIES
SIGNED:

PROJECT:BELCOURT AREA:RED DEER
DATE SAMPLED:24/ 8/78 DATE ANALYSED: 2/ 3/79
DRILL HOLE #:BD7802 SEAM: 6
LAB COMPOSITE #: B 10-51 WT. REC. 1.52
DATA POINT COORDINATES : N 52754.28 E 64305.74
DATA POINT ELEVATION : 1727.94 M

COMPOSITE DESCRIPTION		MINING SECTION
INTERVAL	231.65-232.35	231.65-232.35
THICKNESS	.70	.70
DIP	5	5
COAL/COAL+ROCK	.63/ .70	.63/ .70
DRILL CORE RECOVERY	64.30%	64.30 %
ESTIMATED YIELD	******	

GENERAL TESTING LABS

SIMULATED PRODUCT

SIZE	3/8 X 28	28 X 100	100 X 0
CUTPOINT	SP.G. 1.55	SP.G. 1.70	SEC. 225
CONTRIBUTION	52.4	15.5	8.2

	AIR DRIED	DRY BASIS	D.M.M.F.
YIELD	76.08		
MOISTURE	.69		
ASH	6.57	6.62	
VOLATILE	27.22	27.41	28.71
F.C.	65.52	65.98	71.29
SULPHUR	.90		
PHOSPHORUS	.029		
S.P.G.	1.140		
F.S.I.	7.5		
HARDGROVE	******		

HEAD ANALYSIS - COMPOSITE RAW COAL

	AIR DRIED	DRY BASIS	D.M.M.F.
MOISTURE	1.02		
ASH	19.11	19.31	
VOLATILE	24.67	24.92	29.24
F.C.	55.20	55.77	70.76
F.S.I.	5.0		
SULPHUR	.97		
SP.GR. (-3/8 MESH)	1.30		
PHOSPHOROUS	.036		
HARDGROVE	0		

DRILL HOLE #:BD7802 SEAM: 6

FLOAT SINK ANALYSES

SIZE REL. WEIGHT
3/8 X 28 75.03

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	57.00	5.41	57.00	5.41	43.00	43.88	******	8.0
1.50	7.67	13.67	64.67	6.39	35.33	50.43	******	7.5
1.55	5.15	24.96	69.82	7.76	30.18	54.78	******	7.5
1.60	1.63	32.75	71.45	8.33	28.55	56.04	******	7.0
1.70	2.90	43.45	74.35	9.70	25.65	57.46	******	7.0
1.90	10.15	51.66	84.50	14.74	15.50	61.26	******	7.0
****	15.50	61.26	100.00	21.95	**********	**********		5.0

SIZE REL. WEIGHT
28 X 100 16.75

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	78.00	3.50	78.00	3.50	22.00	41.64	******	8.0
1.50	7.50	20.37	85.50	4.98	14.50	52.64	******	7.5
1.60	1.75	30.91	87.25	5.50	12.75	55.62	******	7.0
1.70	5.10	40.27	92.35	7.42	7.65	65.85	******	7.0
1.80	.85	50.18	93.20	7.81	6.80	67.81	******	7.0
1.90	1.15	61.14	94.35	8.46	5.65	69.17	******	7.0
****	5.65	69.17	100.00	11.89	**********	**********		4.5

FROTH FLOATATION

SIZE REL. WEIGHT
100 X 0 8.22

TIME.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	F.S.I.	CUM FSI
45.	94.11	6.61	94.11	6.61	******	7.5
90.	2.33	60.81	96.44	7.92	******	7.5
135.	1.87	68.75	98.31	9.08	******	7.0
180.	1.05	75.06	99.36	9.77	******	7.0
225.	.64	78.90	100.00	10.22	******	7.0

DRILL HOLE #:BD7802 SEAM: 6

FLUIDITY		DILATATION	
START TEMP.	******	SOFT.TEMP.	******
FINAL TEMP.	******	SOLID.TEMP.	******
MAX.FLUIDITY TEMP.	******	MAX.CONTRACTION	******
MAX.FLUIDITY(DDPM)	******	MAX.DILATATION	******
MAX.FLUIDITY(LOG)	******	G.FACTOR	******

LAB

1.5 FLOAT/SINK ANALYSIS OF SEAM COMPONENTS

COMPONENT NO. B-18 INTERVAL 231.65-232.35

		AIR DRIED BASIS				
	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	69.30	5.41	.77	27.31	66.51	.68	8.0
1.5 SINK	30.70	49.16					
TOTAL	100.00	18.84					
DRY BASIS		5.45		27.52	67.03		
D.M.M.F. BASIS		-		28.60	71.40		

COAL ANALYSIS PREPARED BY
GENERAL TESTING LABORATORIES
SIGNED:

PROJECT:BELCOURT AREA:RED DEER
DATE SAMPLED:24/ 8/78 DATE ANALYSED:13/ 2/79
DRILL HOLE #:BD7802 SEAM: 7
LAB COMPOSITE #: B10-10 WT. REC. 1.90
DATA POINT COORDINATES : N 52754.28 E 64305.74
DATA POINT ELEVATION : 1727.94 M

COMPOSITE DESCRIPTION		MINING SECTION
INTERVAL	217.60-218.95	217.60-218.95
THICKNESS	1.35	1.35
DIP	13	13
COAL/COAL+ROCK	1.11/ 1.35	1.11/ 1.35
DRILL CORE RECOVERY	91.10%	91.10 %
ESTIMATED YIELD	******	

GENERAL TESTING LABS

SIMULATED PRODUCT

SIZE	3/8 X 28	28 X 100	100 X 0
CUTPOINT	SP.G. 1.55	SP.G. 1.70	SEC.225
CONTRIBUTION	45.7	20.7	11.6

	AIR DRIED	DRY BASIS	D.M.M.F.
YIELD	77.91		
MOISTURE	.81		
ASH	6.52	6.57	
VOLATILE	28.19	28.42	29.84
F.C.	64.48	65.01	70.16
SULPHUR	.74		
PHOSPHORUS	.064		
S.P.G.	1.150		
F.S.I.	7.5		
HARDGROVE	******		

HEAD ANALYSIS - COMPOSITE RAW COAL

	AIR DRIED	DRY BASIS	D.M.M.F.
MOISTURE	1.20		
ASH	22.26	22.53	
VOLATILE	24.24	24.53	29.83
F.C.	52.30	52.94	70.17
F.S.I.	5.5		
SULPHUR	.67		
SP.GR. (-3/8 MESH)	1.40		
PHOSPHORUS	.053		
HARDGROVE	64		

DRILL HOLE #:BD7802 SEAM: 7

FLOAT SINK ANALYSES

SIZE REL. WEIGHT
3/8 X 28 65.76

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	62.05	6.47	62.05	6.47	37.95	63.46	******	8.5
1.50	2.35	9.76	64.40	6.59	35.60	67.01	******	8.5
1.55	5.05	17.45	69.45	7.38	30.55	75.20	******	8.0
1.60	1.85	41.68	71.30	8.27	28.70	77.36	******	7.0
1.70	2.65	52.36	73.95	9.85	26.05	79.90	******	6.0
1.80	2.70	74.58	76.65	12.13	23.35	80.52	******	5.5
****	23.35	80.52	100.00	28.10	**********	**********	**********	5.0

SIZE REL. WEIGHT
28 X 100 22.68

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	80.37	3.76	80.37	3.76	19.63	48.83	******	8.0
1.50	6.72	16.32	87.09	4.73	12.91	65.75	******	8.0
1.60	2.25	40.47	89.34	5.63	10.66	71.08	******	8.0
1.70	1.85	58.87	91.19	6.71	8.81	73.65	******	8.0
1.80	1.60	69.35	92.79	7.79	7.21	74.60	******	7.5
1.90	.35	71.66	93.14	8.03	6.86	74.75	******	7.0
****	6.86	74.75	100.00	12.61	**********	**********	**********	6.0

FROTH FLOATATION

SIZE REL. WEIGHT
100 X 0 11.56

TIME.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	F.S.I.	CUM FSI
45.	89.79	5.89	89.79	5.89	******	4.0
90.	6.61	34.93	96.40	7.88	******	4.0
135.	2.00	68.14	98.40	9.11	******	4.0
180.	.80	79.16	99.20	9.67	******	4.0
225.	.80	85.38	100.00	10.28	******	4.0

DRILL HOLE #:BD7802 SEAM: 7

FLUIDITY		DILATATION	
START TEMP.	426.0	SOFT.TEMP.	379.0
FINAL TEMP.	493.0	SOLID.TEMP.	465.0
MAX.FLUIDITY TEMP.	465.0	MAX.CONTRACTION	29.0
MAX.FLUIDITY(DDPM)	113.0	MAX.DILATATION	52.0
MAX.FLUIDITY(LOG)	2.053	G.FACTOR	1.030
LAB	GTL	GTL	

1.5 FLOAT/SINK ANALYSIS OF SEAM COMPONENTS

COMPONENT NO. B 22 INTERVAL 217.60-218.67

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	75.00	6.24	.74	28.09	64.93	.65	7.5
1.5 SINK	25.00	47.04					
TOTAL	100.00	16.44					
DRY BASIS		6.29		28.30	65.41		
D.M.M.F. BASIS		-		29.65	70.35		

COMPONENT NO. 23 INTERVAL 218.67-218.73

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	3.20	11.04	.57	25.84	62.55	.66	7.0
1.5 SINK	96.80	68.88					
TOTAL	100.00	67.03					
DRY BASIS		11.10		25.99	62.91		
D.M.M.F. BASIS		-		28.34	71.66		

COMPONENT NO. 24 INTERVAL 218.73-218.95

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	87.20	3.37	.57	30.28	65.78	1.25	8.0
1.5 SINK	12.80	35.56					
TOTAL	100.00	7.49					
DRY BASIS		3.39		30.45	66.16		
D.M.M.F. BASIS		-		31.03	68.97		

COAL ANALYSIS PREPARED BY
GENERAL TESTING LABORATORIES
SIGNED:

PROJECT:BELCOURT AREA:RED DEER
DATE SAMPLED:24/ 8/78 DATE ANALYSED:13/ 2/79
DRILL HOLE #:BD7802 SEAM: B
LAB COMPOSITE #: B10-11 WT. REC. 6.50
DATA POINT COORDINATES : N 52754.28 E 64305.74
DATA POINT ELEVATION : 1727.94 M

COMPOSITE DESCRIPTION		MINING SECTION
INTERVAL	192.60-194.50	192.60-194.50
THICKNESS	1.90	1.90
DIP	10	10
COAL/COAL+ROCK	1.16/ 1.89	1.16/ 1.89
DRILL CORE RECOVERY	77.90%	77.90 %
ESTIMATED YIELD	******	

GENERAL TESTING LABS

SIMULATED PRODUCT SIZE	3/8 X 28	28 X 100	100 X 0
CUTPOINT	SP.G. 1.55	SP.G. 1.70	SEC. 45
CONTRIBUTION	33.1	8.2	3.8

	AIR DRIED	DRY BASIS	D.M.M.F.
YIELD	45.10		
MOISTURE	.55		
ASH	6.30	6.33	
VOLATILE	29.08	29.24	30.70
F.C.	64.07	64.42	69.30
SULPHUR	.59		
PHOSPHORUS	.050		
S.P.G.	1.180		
F.S.I.	7.0		
HARDGROVE	******		

HEAD ANALYSIS - COMPOSITE RAW COAL

	AIR DRIED	DRY BASIS	D.M.M.F.
MOISTURE	1.05		
ASH	38.42	38.83	
VOLATILE	19.69	19.90	28.75
F.C.	40.84	41.27	71.25
F.S.I.	4.0		
SULPHUR	.41		
SP.GR. (-3/8 MESH)	1.59		
PHOSPHOROUS	.038		
HARDGROVE	68		

DRILL HOLE #:BD7802 SEAM: B

FLOAT SINK ANALYSES

SIZE REL. WEIGHT
3/8 X 28 84.07

			CUM. FLOATS		CUM. SINKS			CUM
SP.G.	WT%	ASH%	WT%	ASH%	WT%	ASH%	F.S.I.	FSI
1.40	33.15	4.66	33.15	4.66	66.85	59.74	******	7.5
1.50	3.70	11.73	36.85	5.37	63.15	62.55	******	7.5
1.55	2.50	15.13	39.35	5.99	60.65	64.50	******	7.5
1.60	3.10	21.33	42.45	7.11	57.55	66.83	******	7.0
1.70	3.70	34.30	46.15	9.29	53.85	69.06	******	7.0
1.80	9.05	40.82	55.20	14.46	44.80	74.77	******	5.5
****	44.80	74.77	100.00	41.48	**********		**********	3.5

SIZE REL. WEIGHT
28 X 100 11.05

			CUM. FLOATS		CUM. SINKS			CUM
SP.G.	WT%	ASH%	WT%	ASH%	WT%	ASH%	F.S.I.	FSI
1.40	57.36	3.72	57.36	3.72	42.64	55.38	******	8.0
1.50	7.64	14.10	65.00	4.94	35.00	64.39	******	8.0
1.60	3.95	26.41	68.95	6.17	31.05	69.23	******	8.0
1.70	5.60	44.51	74.55	9.05	25.45	74.67	******	7.0
1.80	1.55	52.26	76.10	9.93	23.90	76.12	******	6.0
1.90	3.80	67.33	79.90	12.66	20.10	77.78	******	6.0
****	20.10	77.78	100.00	25.75	**********		**********	3.5

FROTH FLOATATION

SIZE REL. WEIGHT
100 X 0 4.88

			CUM. FLOATS			CUM
TIME.	WT%	ASH%	WT%	ASH%	F.S.I.	FSI
45.	77.38	9.85	77.38	9.85	******	5.5
90.	8.53	47.26	85.91	13.56	******	5.0
135.	6.57	69.90	92.48	17.57	******	5.0
180.	3.22	83.23	95.70	19.78	******	4.5
225.	4.30	88.59	100.00	22.74	******	4.5

DRILL HOLE #:BD7802 SEAM: B

FLUIDITY		DILATATION	
START TEMP.	430.0	SOFT.TEMP.	385.0
FINAL TEMP.	492.0	SOLID.TEMP.	468.0
MAX.FLUIDITY TEMP.	463.0	MAX.CONTRACTION	26.0
MAX.FLUIDITY(DDPM)	27.0	MAX.DILATATION	7.0
MAX.FLUIDITY(LOG)	1.431	G.FACTOR	.947
LAB	GTL	GTL	

1.5 FLOAT/SINK ANALYSIS OF SEAM COMPONENTS

COMPONENT NO. B 25 INTERVAL 192.60-193.55

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	65.00	4.00	.65	27.68	67.67	.52	7.0
1.5 SINK	35.00	42.17					
TOTAL	100.00	17.36					
DRY BASIS		4.03		27.86	68.11		
D.M.M.F. BASIS		-		28.66	71.34		

COMPONENT NO. 26 INTERVAL 193.55-194.17

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	15.80	6.39	.80	28.97	63.84	.90	7.5
1.5 SINK	84.20	74.67					
TOTAL	100.00	63.88					
DRY BASIS		6.44		29.20	64.35		
D.M.M.F. BASIS		-		30.61	69.39		

COMPONENT NO. 27 INTERVAL 194.17-194.50

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	52.70	8.30	.59	28.02	63.09	.66	8.0
1.5 SINK	47.30	52.46					
TOTAL	100.00	29.19					
DRY BASIS		8.35		28.19	63.46		
D.M.M.F. BASIS		-		30.07	69.93		

COAL ANALYSIS PREPARED BY
GENERAL TESTING LABORATORIES
SIGNED:

PROJECT:BELCOURT AREA:HOLTSLANDER
DATE SAMPLED:23/ 9/78 DATE ANALYSED:13/ 2/79
DRILL HOLE #:BD7805 SEAM: 6
LAB COMPOSITE #: 810-12 WT. REC. 4.10
DATA POINT COORDINATES : N 42162.40 E 79652.46
DATA POINT ELEVATION : 1488.02 M

COMPOSITE DESCRIPTION		MINING SECTION
INTERVAL	129.03-131.00	129.03-131.00
THICKNESS	1.97	1.97
DIP	27	27
COAL/COAL+ROCK	1.77/ 1.77	1.77/ 1.77
DRILL CORE RECOVERY	64.00%	64.00 %
ESTIMATED YIELD	******	

GENERAL TESTING LABS

SIMULATED PRODUCT

SIZE	3/8 X 28	28 X 100	100 X 0
CUTPOINT	SP.G. 1.55	SP.G. 1.70	SEC. 45
CONTRIBUTION	33.5	28.5	18.8

	AIR DRIED	DRY BASIS	D.M.M.F.
YIELD	80.80		
MOISTURE	.88		
ASH	9.85	9.94	
VOLATILE	23.92	24.13	26.04
F.C.	65.35	65.93	73.96
SULPHUR	.34		
PHOSPHORUS	.087		
S.P.G.	1.160		
F.S.I.	4.5		
HARDGROVE	******		

HEAD ANALYSIS - COMPOSITE RAW COAL

	AIR DRIED	DRY BASIS	D.M.M.F.
MOISTURE	1.37		
ASH	18.11	18.36	
VOLATILE	20.97	21.26	24.57
F.C.	59.55	60.38	75.43
F.S.I.	4.0		
SULPHUR	.34		
SP.GR. (-3/8 MESH)	1.27		
PHOSPHORUS	.083		
HARDGROVE	70		

DRILL HOLE #:BD7805 SEAM: 6

FLOAT SINK ANALYSES

SIZE REL. WEIGHT
3/8 X 28 41.98

			CUM. FLOATS		CUM. SINKS			CUM
SP.G.	WT%	ASH%	WT%	ASH%	WT%	ASH%	F.S.I.	FSI
1.40	68.65	6.90	68.65	6.90	31.35	42.15	******	7.0
1.50	7.20	17.75	75.85	7.93	24.15	49.42	******	7.0
1.55	3.90	25.72	79.75	8.80	20.25	53.99	******	7.0
1.60	2.00	29.24	81.75	9.30	18.25	56.70	******	6.5
1.70	6.35	39.13	88.10	11.45	11.90	66.07	******	6.0
1.80	1.85	52.29	89.95	12.29	10.05	68.61	******	6.0
****	10.05	68.61	100.00	17.95	**********		**********	5.5

SIZE REL. WEIGHT
28 X 100 33.20

			CUM. FLOATS		CUM. SINKS			CUM
SP.G.	WT%	ASH%	WT%	ASH%	WT%	ASH%	F.S.I.	FSI
1.40	56.90	5.68	56.90	5.68	43.10	32.83	******	7.5
1.50	13.25	16.27	70.15	7.68	29.85	40.18	******	5.5
1.60	6.90	29.34	77.05	9.62	22.95	43.44	******	5.0
1.70	8.80	35.77	85.85	12.30	14.15	48.20	******	3.5
1.80	6.40	39.98	92.25	14.22	7.75	55.00	******	3.5
1.90	3.80	48.09	96.05	15.56	3.95	61.64	******	3.5
****	3.95	61.64	100.00	17.38	**********		**********	3.0

FROTH FLOATATION

SIZE REL. WEIGHT
100 X 0 24.82

			CUM. FLOATS			CUM
TIME.	WT%	ASH%	WT%	ASH%	F.S.I.	FSI
45.	75.81	10.84	75.81	10.84	******	5.0
90.	14.39	39.43	90.20	15.40	******	4.5
135.	5.47	56.29	95.67	17.74	******	4.0
180.	2.00	77.98	97.67	18.97	******	4.0
225.	2.33	80.06	100.00	20.40	******	4.0

DRILL HOLE #:BD7805 SEAM: 6

FLUIDITY		DILATATION	
START TEMP.	445.0	SOFT.TEMP.	395.0
FINAL TEMP.	496.0	SOLID.TEMP.	******
MAX.FLUIDITY TEMP.	471.0	MAX.CONTRACTION	28.0
MAX.FLUIDITY(DDPM)	4.0	MAX.DILATATION	******
MAX.FLUIDITY(LOG)	.602	G.FACTOR	******
LAB	GTL	GTL	

1.5 FLOAT/SINK ANALYSIS OF SEAM COMPONENTS

COMPONENT NO. B 45 INTERVAL 129.03-131.00

		AIR DRIED BASIS				
	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	66.90	8.43	1.16	22.68	67.73	.36	5.5
1.5 SINK	33.10	38.55					
TOTAL	100.00	18.40					
DRY BASIS		8.53		22.95	68.52		
D.M.M.F. BASIS		-		24.42	75.58		

COAL ANALYSIS PREPARED BY
GENERAL TESTING LABORATORIES
SIGNED:

PROJECT:BELCOURT AREA:OMEGA
DATE SAMPLED: 5/10/78 DATE ANALYSED:13/ 2/79
DRILL HOLE #:BD7806 SEAM: 1
LAB COMPOSITE #: B10-13 WT. REC. 11.20
DATA POINT COORDINATES : N 30514.60 E 91487.44
DATA POINT ELEVATION : 1706.41 M

COMPOSITE DESCRIPTION		MINING SECTION
INTERVAL	523.05-528.50	523.05-528.50
THICKNESS	5.45	5.45
DIP	43	43
COAL/COAL+ROCK	3.82/ 4.04	3.82/ 4.04
DRILL CORE RECOVERY	55.60%	55.60 %
ESTIMATED YIELD	******	

GENERAL TESTING LABS

SIMULATED PRODUCT			
SIZE	3/8 X 28	28 X 100	100 X 0
CUTPOINT	SP.G. 1.55	SP.G. 1.70	SEC.225
CONTRIBUTION	35.3	30.1	29.0

	AIR DRIED	DRY BASIS	D.M.M.F.
YIELD	94.37		
MOISTURE	.54		
ASH	7.76	7.80	
VOLATILE	19.48	19.59	20.60
F.C.	72.22	72.61	79.40
SULPHUR	.34		
PHOSPHORUS	.041		
S.P.G.	1.170		
F.S.I.	4.0		
HARDGROVE	******		

HEAD ANALYSIS - COMPOSITE RAW COAL

	AIR DRIED	DRY BASIS	D.M.M.F.
MOISTURE	.58		
ASH	10.36	10.42	
VOLATILE	17.35	17.45	18.62
F.C.	71.71	72.13	81.38
F.S.I.	3.0		
SULPHUR	.31		
SP.GR. (-3/8 MESH)	1.20		
PHOSPHOROUS	.044		
HARDGROVE	98		

DRILL HOLE #:BD7806 SEAM: 1

FLOAT SINK ANALYSES

SIZE REL. WEIGHT
3/8 X 28 40.04

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	75.55	5.51	75.55	5.51	24.45	34.84	******	4.5
1.50	11.45	16.15	87.00	6.91	13.00	51.29	******	4.0
1.55	1.05	23.68	88.05	7.11	11.95	53.72	******	4.0
1.60	2.20	30.49	90.25	7.68	9.75	58.96	******	3.5
1.70	2.15	36.47	92.40	8.35	7.60	65.32	******	3.5
1.80	2.05	53.50	94.45	9.33	5.55	69.69	******	3.5
****	5.55	69.69	100.00	12.68	**********	**********	**********	3.5

SIZE REL. WEIGHT
28 X 100 30.92

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	80.25	4.45	80.25	4.45	19.75	25.16	******	4.0
1.50	15.35	13.61	95.60	5.92	4.40	65.47	******	3.5
1.60	.90	35.94	96.50	6.20	3.50	73.06	******	3.5
1.70	.75	48.99	97.25	6.53	2.75	79.62	******	3.0
1.80	.25	65.03	97.50	6.68	2.50	81.08	******	3.0
1.90	.40	75.21	97.90	6.96	2.10	82.20	******	3.0
****	2.10	82.20	100.00	8.54	**********	**********	**********	3.0

FROTH FLOATATION

SIZE REL. WEIGHT
100 X 0 29.04

TIME.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	F.S.I.	CUM FSI
45.	89.08	5.31	89.08	5.31	******	3.0
90.	7.10	32.62	96.18	7.33	******	3.0
135.	1.41	41.97	97.59	7.83	******	2.5
180.	1.00	62.12	98.59	8.38	******	2.5
225.	1.41	71.95	100.00	9.27	******	2.5

DRILL HOLE #:BD7806 SEAM: 1

FLUIDITY		DILATATION	
START TEMP.	******	SOFT.TEMP.	443.0
FINAL TEMP.	******	SOLID.TEMP.	******
MAX.FLUIDITY TEMP.	461.0	MAX.CONTRACTION	11.0
MAX.FLUIDITY(DDPM)	1.0	MAX.DILATATION	******
MAX.FLUIDITY(LOG)	******	G.FACTOR	******
LAB	GTL	GTL	

1.5 FLOAT/SINK ANALYSIS OF SEAM COMPONENTS

COMPONENT NO. B-46 INTERVAL 523.05-528.50

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	79.90	6.49	.82	17.03	75.66	.31	3.5
1.5 SINK	20.10	30.37					
TOTAL	100.00	11.29					
DRY BASIS		6.54		17.17	76.29		
D.M.M.F. BASIS		-		17.81	82.19		

COAL ANALYSIS PREPARED BY
GENERAL TESTING LABORATORIES
SIGNED:

PROJECT:BELCOURT AREA:OMEGA
DATE SAMPLED: 5/10/79 DATE ANALYSED:13/ 2/79
DRILL HOLE #:BD7806 SEAM: 2
LAB COMPOSITE #: B10-14 WT. REC. 7.20
DATA POINT COORDINATES : N 30514.60 E 91487.44
DATA POINT ELEVATION : 1706.41 M

COMPOSITE DESCRIPTION		MINING SECTION
INTERVAL	503.20-506.60	503.20-506.60
THICKNESS	3.40	3.40
DIP	46	46
COAL/COAL+ROCK	2.26/ 2.36	2.26/ 2.36
DRILL CORE RECOVERY:	60.00%	60.00 %
ESTIMATED YIELD	******	

GENERAL TESTING LABS

SIMULATED PRODUCT

SIZE	3/8 X 28	28 X 100	100 X 0
CUTPOINT	SP.G. 1.55	SP.G. 1.70	SEC. 135
CONTRIBUTION	31.5	22.8	21.9

	AIR DRIED	DRY BASIS	D.M.M.F.
YIELD	76.16		
MOISTURE	.57		
ASH	7.68	7.72	
VOLATILE	18.53	18.64	19.50
F.C.	73.22	73.64	80.50
SULPHUR	.50		
PHOSPHORUS	.030		
S.P.G.	1.160		
F.S.I.	4.5		
HARDGROVE	******		

HEAD ANALYSIS - COMPOSITE RAW COAL

	AIR DRIED	DRY BASIS	D.M.M.F.
MOISTURE	.52		
ASH	20.88	20.99	
VOLATILE	15.33	15.41	17.56
F.C.	63.27	63.60	82.44
F.S.I.	3.5		
SULPHUR	.49		
SP.GR. (-3/8 MESH)	1.24		
PHOSPHORUS	.028		
HARDGROVE	80		

DRILL HOLE #:BD7806 SEAM: 2

FLOAT SINK ANALYSES

SIZE REL. WEIGHT
3/8 X 28 51.03

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	50.80	6.60	50.80	6.60	49.20	47.84	******	3.5
1.50	7.85	11.08	58.65	7.20	41.35	54.82	******	3.5
1.55	3.00	28.57	61.65	8.24	38.35	56.87	******	3.0
1.60	5.00	35.97	66.65	10.32	33.35	60.00	******	2.5
1.70	7.05	43.98	73.70	13.54	26.30	64.30	******	2.5
1.80	3.70	50.36	77.40	15.30	22.60	66.58	******	2.5
****	22.60	66.58	100.00	26.89	**********	**********	**********	1.5

SIZE REL. WEIGHT
28 X 100 25.95

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	70.80	3.65	70.80	3.65	29.20	44.47	******	6.0
1.50	8.32	16.87	79.12	5.04	20.88	55.47	******	5.0
1.60	6.28	29.65	85.40	6.85	14.60	66.58	******	5.0
1.70	2.45	39.12	87.85	7.75	12.15	72.11	******	4.0
1.80	2.85	53.58	90.70	9.19	9.30	77.79	******	4.0
1.90	.25	71.04	90.95	9.36	9.05	77.98	******	4.0
****	9.05	77.98	100.00	15.57	**********	**********	**********	3.0

FROTH FLOATATION

SIZE REL. WEIGHT
100 X 0 23.02

TIME.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	F.S.I.	CUM FSI
45.	91.34	9.14	91.34	9.14	******	4.0
90.	1.82	18.31	93.16	9.32	******	4.0
135.	1.99	52.08	95.15	10.21	******	4.0
180.	1.99	86.29	97.14	11.77	******	4.0
225.	2.86	89.55	100.00	14.00	******	3.5

DRILL HOLE #:BD7806 SEAM: 2

FLUIDITY		DILATATION	
START TEMP.	******	SOFT.TEMP.	430.0
FINAL TEMP.	******	SOLID.TEMP.	******
MAX.FLUIDITY TEMP.	486.0	MAX.CONTRACTION	19.0
MAX.FLUIDITY(DDPM)	.4	MAX.DILATATION	******
MAX.FLUIDITY(LOG)	-.398	G.FACTOR	******
LAB	GTL	GTL	

1.5 FLOAT/SINK ANALYSIS OF SEAM COMPONENTS

COMPONENT NO. B 47 INTERVAL 503.20-506.60

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	61.70	6.17	.64	16.70	76.49	.49	3.5
1.5 SINK	38.30	45.13					
TOTAL	100.00	21.09					
DRY BASIS		6.21		16.81	76.98		
D.M.M.F. BASIS		-		17.32	82.68		

COAL ANALYSIS PREPARED BY
GENERAL TESTING LABORATORIES
SIGNED:

PROJECT:BELCOURT AREA:OMEGA
DATE SAMPLED: 5/10/78 DATE ANALYSED:13/ 2/79
DRILL HOLE #:BD7806 SEAM: 3
LAB COMPOSITE #: B10-15 WT. REC. 15.07
DATA POINT COORDINATES : N 30514.60 E 91487.44
DATA POINT ELEVATION : 1706.41 M

COMPOSITE DESCRIPTION		MINING SECTION
INTERVAL	473.38-479.35	473.38-479.35
THICKNESS	5.97	5.97
DIP	34	34
COAL/COAL+ROCK	3.99/ 4.88	3.99/ 4.88
DRILL CORE RECOVERY	58.80%	58.80 %
ESTIMATED YIELD	******	

GENERAL TESTING LABS

SIMULATED PRODUCT

SIZE	3/8 X 28	28 X 100	100 X 0
CUTPOINT	SP.G. 1.55	SP.G. 1.70	SEC. 45
CONTRIBUTION	27.3	24.8	22.9

	AIR DRIED	DRY BASIS	D.M.M.F.
YIELD	74.98		
MOISTURE	.52		
ASH	9.06	9.11	
VOLATILE	17.89	17.98	19.00
F.C.	72.53	72.91	81.00
SULPHUR	.41		
PHOSPHORUS	.021		
S.P.G.	1.130		
F.S.I.	3.5		
HARDGROVE	******		

HEAD ANALYSIS - COMPOSITE RAW COAL

	AIR DRIED	DRY BASIS	D.M.M.F.
MOISTURE	.52		
ASH	23.12	23.24	
VOLATILE	15.44	15.52	18.09
F.C.	60.92	61.24	81.91
F.S.I.	2.5		
SULPHUR	.37		
SP.GR. (-3/8 MESH)	1.24		
PHOSPHORUS	.018		
HARDGROVE	86		

DRILL HOLE #:BD7806 SEAM: 3

FLOAT SINK ANALYSES

SIZE REL. WEIGHT
3/8 X 28 47.09

			CUM. FLOATS		CUM. SINKS			CUM
SP.G.	WT%	ASH%	WT%	ASH%	WT%	ASH%	F.S.I.	FSI
1.40	42.65	4.78	42.65	4.78	57.35	50.64	******	4.0
1.50	10.30	16.86	52.95	7.13	47.05	58.03	******	3.0
1.55	5.10	23.18	58.05	8.54	41.95	62.27	******	2.5
1.60	4.35	32.07	62.40	10.18	37.60	65.76	******	2.5
1.70	4.80	40.84	67.20	12.37	32.80	69.41	******	2.0
1.80	4.15	52.43	71.35	14.70	28.65	71.87	******	1.5
****	28.65	71.87	100.00	31.08	**********			1.0

SIZE REL. WEIGHT
28 X 100 28.27

			CUM. FLOATS		CUM. SINKS			CUM
SP.G.	WT%	ASH%	WT%	ASH%	WT%	ASH%	F.S.I.	FSI
1.40	59.00	3.96	59.00	3.96	41.00	36.37	******	5.0
1.50	17.05	13.06	76.05	6.00	23.95	52.97	******	3.5
1.60	6.55	28.32	82.60	7.77	17.40	62.25	******	3.0
1.70	5.05	49.08	87.65	10.15	12.35	67.64	******	3.0
1.80	3.20	59.55	90.85	11.89	9.15	70.47	******	2.5
1.90	3.65	66.26	94.50	13.99	5.50	73.26	******	1.5
****	5.50	73.26	100.00	17.25	**********			2.0

FROTH FLOATATION

SIZE REL. WEIGHT
100 X 0 24.64

			CUM. FLOATS			CUM
TIME.	WT%	ASH%	WT%	ASH%	F.S.I.	FSI
45.	92.78	11.38	92.78	11.38	******	3.0
90.	3.21	51.66	95.99	12.73	******	3.0
135.	2.01	66.79	98.00	13.84	******	3.0
180.	1.00	75.91	99.00	14.46	******	3.0
225.	1.00	80.51	100.00	15.12	******	3.0

DRILL HOLE #:BD7806 SEAM: 3

FLUIDITY		DILATATION	
START TEMP.	******	SOFT.TEMP.	442.0
FINAL TEMP.	******	SOLID.TEMP.	******
MAX.FLUIDITY TEMP.	480.0	MAX.CONTRACTION	13.0
MAX.FLUIDITY(DDPM)	.4	MAX.DILATATION	******
MAX.FLUIDITY(LOG)	-.398	G.FACTOR	******
LAB	GTL	GTL	

1.5 FLOAT/SINK ANALYSIS OF SEAM COMPONENTS

COMPONENT NO. 48 INTERVAL 473.38-474.20

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	60.00	10.54	.59	15.21	73.66	.45	2.0
1.5 SINK	40.00	33.79					
TOTAL	100.00	19.84					
DRY BASIS		10.60		15.30	74.10		
D.M.M.F. BASIS		-		16.16	83.84		

COMPONENT NO. 49 INTERVAL 474.20-476.15

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	32.10	8.54	.58	17.84	73.04	.41	4.5
1.5 SINK	67.90	62.10					
TOTAL	100.00	44.91					
DRY BASIS		8.59		17.94	73.47		
D.M.M.F. BASIS		-		18.89	81.11		

COMPONENT NO. 50 INTERVAL 476.15-479.35

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	62.30	6.55	.54	17.84	75.07	.34	3.0
1.5 SINK	37.70	44.80					
TOTAL	100.00	20.97					
DRY BASIS		6.59		17.94	75.48		
D.M.M.F. BASIS		-		18.63	81.37		

COAL ANALYSIS PREPARED BY
GENERAL TESTING LABORATORIES
SIGNED:

PROJECT:BELCOURT AREA:OMEGA
DATE SAMPLED: 5/10/78 DATE ANALYSED: 2/ 3/79
DRILL HOLE #:BD7806 SEAM: 4
LAB COMPOSITE #: B 10-52 WT. REC. 3.03
DATA POINT COORDINATES : N 30514.60 E 91487.44
DATA POINT ELEVATION : 1706.41 M

COMPOSITE DESCRIPTION		MINING SECTION
INTERVAL	450.33-451.35	450.33-451.35
THICKNESS	1.02	1.02
DIP	43	43
COAL/COAL+ROCK	.75/ .75	.75/ .75
DRILL CORE RECOVERY	100.00%	100.00 %
ESTIMATED YIELD	******	

GENERAL TESTING LABS

SIMULATED PRODUCT

SIZE	3/8 X 28	28 X 100	100 X 0
CUTPOINT	SP.G. 1.55	SP.G. 1.70	SEC. 225
CONTRIBUTION	45.7	28.0	19.7

	AIR DRIED	DRY BASIS	D.M.M.F.
YIELD	93.43		
MOISTURE	.58		
ASH	6.59	6.63	
VOLATILE	18.52	18.63	19.25
F.C.	74.31	74.74	80.75
SULPHUR	.76		
PHOSPHORUS	.011		
S.P.G.	1.140		
F.S.I.	5.5		
HARDGROVE	******		

HEAD ANALYSIS - COMPOSITE RAW COAL

	AIR DRIED	DRY BASIS	D.M.M.F.
MOISTURE	.61		
ASH	10.99	11.06	
VOLATILE	17.90	18.01	19.19
F.C.	70.50	70.93	80.81
F.S.I.	4.0		
SULPHUR	.78		
SP.GR. (-3/8 MESH)	1.16		
PHOSPHORUS	.009		
HARDGROVE	0		

DRILL HOLE #:BD7806 SEAM: 4

FLOAT SINK ANALYSES

SIZE	REL. WEIGHT
3/8 X 28	50.52

			CUM. FLOATS		CUM. SINKS			CUM
SP.G.	WT%	ASH%	WT%	ASH%	WT%	ASH%	F.S.I.	FSI
1.40	71.13	4.35	71.13	4.35	28.87	36.08	******	5.5
1.50	13.57	20.33	84.70	6.91	15.30	50.05	******	5.5
1.55	5.75	30.35	90.45	8.40	9.55	61.91	******	5.0
1.60	1.50	39.05	91.95	8.90	8.05	66.16	******	4.5
1.70	1.50	50.02	93.45	9.56	6.55	69.86	******	4.0
1.80	.70	62.02	94.15	9.95	5.85	70.80	******	4.0
****	5.85	70.80	100.00	13.51	**********			4.0

SIZE	REL. WEIGHT
28 X 100	29.74

			CUM. FLOATS		CUM. SINKS			CUM
SP.G.	WT%	ASH%	WT%	ASH%	WT%	ASH%	F.S.I.	FSI
1.40	83.50	3.13	83.50	3.13	16.50	34.83	******	7.0
1.50	9.95	18.63	93.45	4.78	6.55	59.43	******	6.5
1.60	.55	25.29	94.00	4.90	6.00	62.56	******	6.5
1.70	.10	33.13	94.10	4.93	5.90	63.06	******	6.5
1.80	2.10	47.53	96.20	5.86	3.80	71.65	******	6.5
1.90	.95	60.06	97.15	6.39	2.85	75.51	******	6.5
****	2.85	75.51	100.00	8.36	**********			4.0

FROTH FLOATATION

SIZE	REL. WEIGHT
100 X 0	19.74

			CUM. FLOATS			CUM
TIME.	WT%	ASH%	WT%	ASH%	F.S.I.	FSI
45.	94.75	5.68	94.75	5.68	******	7.0
90.	2.01	47.27	96.76	6.54	******	7.0
135.	.87	69.38	97.63	7.10	******	7.0
180.	.93	77.19	98.56	7.77	******	6.5
225.	1.44	80.94	100.00	8.82	******	6.5

DRILL HOLE #:BD7806 SEAM: 4

FLUIDITY		DILATATION	
START TEMP.	******	SOFT.TEMP.	******
FINAL TEMP.	******	SOLID.TEMP.	******
MAX.FLUIDITY TEMP.	******	MAX.CONTRACTION	******
MAX.FLUIDITY(DDPM)	******	MAX.DILATATION	******
MAX.FLUIDITY(LOG)	******	G.FACTOR	******

LAB

1.5 FLOAT/SINK ANALYSIS OF SEAM COMPONENTS

COMPONENT NO. B-53 INTERVAL 450.33-451.35

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	81.80	5.07	.41	18.14	76.38	.74	6.5
1.5 SINK	18.20	37.43					
TOTAL	100.00	10.96					
DRY BASIS		5.09		18.21	76.69		
D.M.M.F. BASIS		-		18.61	81.39		

COAL ANALYSIS PREPARED BY
GENERAL TESTING LABORATORIES
SIGNED:

PROJECT:BELCOURT AREA:OMEGA
DATE SAMPLED: 5/10/79 DATE ANALYSED:13/ 2/79
DRILL HOLE #:BD7806 SEAM: 5
LAB COMPOSITE #: B10-16 WT. REC. 14.80
DATA POINT COORDINATES : N 30514.60 E 91487.44
DATA POINT ELEVATION : 1706.41 M

COMPOSITE DESCRIPTION		MINING SECTION
INTERVAL	439.45-444.95	439.45-444.95
THICKNESS	5.50	5.50
DIP	33	33
COAL/COAL+ROCK	4.40/ 4.55	4.40/ 4.65
DRILL CORE RECOVERY	76.00%	76.00 %
ESTIMATED YIELD	******	

GENERAL TESTING LABS

SIMULATED PRODUCT

SIZE	3/8 X 28	28 X 100	100 X 0
CUTPOINT	SP.G. 1.55	SP.G. 1.70	SEC. 225
CONTRIBUTION	40.7	27.5	24.0

	AIR DRIED	DRY BASIS	D.M.M.F.
YIELD	92.23		
MOISTURE	.52		
ASH	7.01	7.05	
VOLATILE	20.95	21.06	22.07
F.C.	71.52	71.89	77.93
SULPHUR	.38		
PHOSPHORUS	.030		
S.P.G.	1.150		
F.S.I.	7.0		
HARDGROVE	******		

HEAD ANALYSIS - COMPOSITE RAW COAL

	AIR DRIED	DRY BASIS	D.M.M.F.
MOISTURE	.54		
ASH	10.08	10.13	
VOLATILE	19.22	19.32	20.68
F.C.	70.16	70.54	79.32
F.S.I.	5.5		
SULPHUR	.33		
SP.GR. (-3/8 MESH)	1.20		
PHOSPHORUS	.030		
HARDGROVE	90		

DRILL HOLE #:BD7806 SEAM: 5

FLOAT SINK ANALYSES

SIZE	REL. WEIGHT
3/8 X 28	47.25

			CUM. FLOATS		CUM. SINKS			CUM
SP.G.	WT%	ASH%	WT%	ASH%	WT%	ASH%	F.S.I.	FSI
1.40	72.00	3.89	72.00	3.89	28.00	31.39	******	7.0
1.50	12.55	18.85	84.55	6.11	15.45	41.58	******	6.0
1.55	1.60	22.26	86.15	6.41	13.85	43.81	******	5.0
1.60	3.75	28.71	89.90	7.34	10.10	49.42	******	5.0
1.70	2.45	34.48	92.35	8.06	7.65	54.20	******	4.5
1.80	1.50	45.60	93.85	8.66	6.15	56.30	******	4.5
****	6.15	56.30	100.00	11.59	**********			4.5

SIZE	REL. WEIGHT
28 X 100	28.75

			CUM. FLOATS		CUM. SINKS			CUM
SP.G.	WT%	ASH%	WT%	ASH%	WT%	ASH%	F.S.I.	FSI
1.40	84.65	3.96	84.65	3.96	15.35	37.64	******	8.0
1.50	6.55	19.14	91.20	5.05	8.80	51.42	******	7.0
1.60	3.80	29.55	95.00	6.03	5.00	68.03	******	6.5
1.70	.75	49.44	95.75	6.37	4.25	71.32	******	5.5
1.80	.90	63.29	96.65	6.90	3.35	73.47	******	5.5
1.90	.30	68.30	96.95	7.09	3.05	73.98	******	4.5
****	3.05	73.98	100.00	9.13	**********			4.5

FROTH FLOATATION

SIZE	REL. WEIGHT
100 X 0	24.00

			CUM. FLOATS			CUM
TIME.	WT%	ASH%	WT%	ASH%	F.S.I.	FSI
45.	96.53	6.56	96.53	6.56	**********	
90.	1.34	46.04	97.87	7.10	**********	
135.	.53	61.86	98.40	7.40	**********	
180.	.73	69.94	99.13	7.86	**********	
225.	.87	77.02	100.00	8.46	**********	

DRILL HOLE #:BD7806 SEAM: 5

FLUIDITY		DILATATION	
START TEMP.	436.0	SOFT.TEMP.	417.0
FINAL TEMP.	509.0	SOLID.TEMP.	******
MAX.FLUIDITY TEMP.	474.0	MAX.CONTRACTION	26.0
MAX.FLUIDITY(DDPM)	6.0	MAX.DILATATION	******
MAX.FLUIDITY(LOG)	.778	G.FACTOR	******
LAB	GTL	GTL	

1.5 FLOAT/SINK ANALYSIS OF SEAM COMPONENTS

COMPONENT NO. B 51 INTERVAL 439.45-444.95

		AIR DRIED BASIS				
	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	81.00	5.18	.51	19.61	74.70	.33	6.5
1.5 SINK	19.00	36.71					
TOTAL	100.00	11.17					
DRY BASIS		5.21		19.71	75.08		
D.M.M.F. BASIS		-		20.34	79.66		

COAL ANALYSIS PREPARED BY
GENERAL TESTING LABORATORIES
SIGNED:

PROJECT:BELCOURT AREA:OMEGA
DATE SAMPLED: 5/11/78 DATE ANALYSED:21/ 2/79
DRILL HOLE #:BD7806 SEAM: 6
LAB COMPOSITE #: B10-17 WT. REC. 6.40
DATA POINT COORDINATES : N 30514.60 E 91487.44
DATA POINT ELEVATION : 1706.41 M

COMPOSITE DESCRIPTION		MINING SECTION
INTERVAL	260.70-263.60	260.70-264.90
THICKNESS	2.90	4.20
DIP	61	61
COAL/COAL+ROCK	1.29/ 1.53	1.58/ 2.04
DRILL CORE RECOVERY	69.30%	63.30 %
ESTIMATED YIELD	******	

GENERAL TESTING LABS

SIMULATED PRODUCT

SIZE	3/8 X 28	28 X 100	100 X 0
CUTPOINT	SP.G. 1.55	SP.G. 1.70	SEC. 225
CONTRIBUTION	48.9	26.7	18.9

	AIR DRIED	DRY BASIS	D.M.M.F.
YIELD	94.47		
MOISTURE	.45		
ASH	4.36	4.38	
VOLATILE	21.08	21.18	21.66
F.C.	74.11	74.45	78.34
SULPHUR	.67		
PHOSPHORUS	.034		
S.P.G.	1.110		
F.S.I.	8.5		
HARDGROVE	******		

HEAD ANALYSIS - COMPOSITE RAW COAL

	AIR DRIED	DRY BASIS	D.M.M.F.
MOISTURE	.43		
ASH	8.55	8.59	
VOLATILE	19.62	19.70	20.75
F.C.	71.40	71.71	79.25
F.S.I.	6.5		
SULPHUR	.67		
SP.GR. (-3/8 MESH)	1.22		
PHOSPHORUS	.037		
HARDGROVE	95		

DRILL HOLE #:BD7806 SEAM: 6

FLOAT SINK ANALYSES

SIZE REL. WEIGHT
3/8 X 28 53.28

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	85.85	3.77	85.85	3.77	14.15	54.72	******	8.5
1.50	3.30	18.36	89.15	4.31	10.85	65.78	******	8.5
1.55	2.55	39.91	91.70	5.30	8.30	73.73	******	8.0
1.60	.45	46.26	92.15	5.50	7.85	75.31	******	7.5
1.70	.75	57.52	92.90	5.92	7.10	77.19	******	7.5
1.80	.85	67.68	93.75	6.48	6.25	78.48	******	7.5
****	6.25	78.48	100.00	10.98	**********	**********	**********	5.0

SIZE REL. WEIGHT
28 X 100 27.78

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	88.35	2.24	88.35	2.24	11.65	34.69	******	9.0
1.50	5.35	10.12	93.70	2.69	6.30	55.55	******	8.5
1.60	.85	19.38	94.55	2.84	5.45	61.19	******	8.0
1.70	1.45	32.63	96.00	3.29	4.00	71.54	******	8.0
1.80	.45	41.87	96.45	3.47	3.55	75.30	******	8.0
1.90	.30	67.97	96.75	3.67	3.25	75.98	******	8.0
****	3.25	75.98	100.00	6.02	**********	**********	**********	8.0

FROTH FLOATATION

SIZE REL. WEIGHT
100 X 0 18.94

TIME.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	F.S.I.	CUM FSI
45.	95.93	3.42	95.93	3.42	******	9.0
90.	1.67	36.66	97.60	3.99	******	9.0
135.	.80	63.39	98.40	4.47	******	9.0
180.	.67	73.40	99.07	4.94	******	8.5
225.	.93	80.44	100.00	5.64	******	8.5

DRILL HOLE #:BD7806 SEAM: 6

FLUIDITY		DILATATION	
START TEMP.	448.0	SOFT.TEMP.	406.0
FINAL TEMP.	514.0	SOLID.TEMP.	486.0
MAX.FLUIDITY TEMP.	487.0	MAX.CONTRACTION	25.0
MAX.FLUIDITY(DDPM)	10.0	MAX.DILATATION	12.0
MAX.FLUIDITY(LOG)	1.000	G.FACTOR	.969
LAB	GTL	GTL	

1.5 FLOAT/SINK ANALYSIS OF SEAM COMPONENTS

COMPONENT NO. B-55 INTERVAL 260.70-263.60

		AIR DRIED BASIS				
	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	85.00	3.14	.37	21.04	75.45	.70	8.5
1.5 SINK	15.00	39.61					
TOTAL	100.00	8.61					
DRY BASIS		3.15		21.12	75.73		
D.M.M.F. BASIS		-		21.40	78.60		

COAL ANALYSIS PREPARED BY
GENERAL TESTING LABORATORIES
SIGNED:

PROJECT:BELCOURT AREA:OMEGA
DATE SAMPLED: 5/11/79 DATE ANALYSED:21/ 2/79
DRILL HOLE #:BD7806 SEAM: 6
LAB COMPOSITE #: 810-18 WT. REC. 4.90
DATA POINT COORDINATES : N 30514.60 E 91487.44
DATA POINT ELEVATION : 1706.41 M

COMPOSITE DESCRIPTION		MINING SECTION
INTERVAL	237.30-238.65	237.30-238.65
THICKNESS	1.35	1.35
DIP	45	45
COAL/COAL+ROCK	.90/ .93	.90/ .93
DRILL CORE RECOVERY	100.00%	100.00 %
ESTIMATED YIELD	******	

GENERAL TESTING LABS

SIMULATED PRODUCT SIZE	3/8 X 28	28 X 100	100 X 0
CUTPOINT	SP.G. 1.55	SP.G. 1.70	SEC. 225
CONTRIBUTION	38.7	29.9	23.7

	AIR DRIED	DRY BASIS	D.M.M.F.
YIELD	92.19		
MOISTURE	.61		
ASH	4.66	4.69	
VOLATILE	21.55	21.68	22.28
F.C.	73.18	73.63	77.72
SULPHUR	.54		
PHOSPHORUS	.085		
S.P.G.	1.080		
F.S.I.	8.0		
HARDGROVE	******		

HEAD ANALYSIS - COMPOSITE RAW COAL

	AIR DRIED	DRY BASIS	D.M.M.F.
MOISTURE	.43		
ASH	10.50	10.55	
VOLATILE	19.99	20.08	21.54
F.C.	69.08	69.38	78.46
F.S.I.	7.0		
SULPHUR	.53		
SP.GR. (-3/8 MESH)	1.21		
PHOSPHOROUS	.089		
HARDGROVE	93		

DRILL HOLE #:BD7806 SEAM: 6

FLOAT SINK ANALYSES

SIZE REL. WEIGHT
3/8 X 28 45.31

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	80.40	4.13	80.40	4.13	19.60	64.84	******	8.5
1.50	3.90	6.08	84.30	4.22	15.70	79.44	******	8.5
1.55	1.00	10.19	85.30	4.29	14.70	84.15	******	8.0
1.60	1.00	33.63	86.30	4.63	13.70	87.84	******	8.0
1.70	.15	62.26	86.45	4.73	13.55	88.12	******	8.0
1.90	.15	74.01	86.60	4.85	13.40	88.28	******	7.5
****	13.40	88.28	100.00	16.03	**********			6.0

SIZE REL. WEIGHT
28 X 100 31.03

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	88.55	2.60	88.55	2.60	11.45	34.31	******	8.0
1.50	5.80	15.78	94.35	3.41	5.65	53.32	******	8.0
1.60	1.65	21.45	96.00	3.72	4.00	66.47	******	7.5
1.70	.30	32.61	96.30	3.81	3.70	69.21	******	7.0
1.80	.95	48.85	97.25	4.25	2.75	76.25	******	7.0
1.90	.25	58.85	97.50	4.39	2.50	77.99	******	7.0
****	2.50	77.99	100.00	6.23	**********			7.0

FROTH FLOATATION

SIZE REL. WEIGHT
100 X 0 23.66

TIME.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	F.S.I.	CUM FSI
45.	97.13	3.94	97.13	3.94	******	8.0
90.	1.00	49.85	98.13	4.41	******	8.0
135.	.73	67.86	98.86	4.88	******	8.0
180.	.47	75.24	99.33	5.21	******	8.0
225.	.67	80.38	100.00	5.71	******	8.0

DRILL HOLE #:BD7806 SEAM: 6

FLUIDITY		DILATATION	
START TEMP.	465.0	SOFT.TEMP.	403.0
FINAL TEMP.	511.0	SOLID.TEMP.	487.0
MAX.FLUIDITY TEMP.	499.0	MAX.CONTRACTION	29.0
MAX.FLUIDITY(DDPM)	8.0	MAX.DILATATION	-17.0
MAX.FLUIDITY(LOG)	.903	G.FACTOR	.734
LAB	GTL	GTL	

1.5 FLOAT/SINK ANALYSIS OF SEAM COMPONENTS

COMPONENT NO. B 56 INTERVAL 237.30-238.65

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	81.80	3.33	.64	21.08	74.95	.53	7.5
1.5 SINK	18.20	53.49					
TOTAL	100.00	12.46					
DRY BASIS		3.35		21.22	75.43		
D.M.M.F. BASIS		-		21.58	78.42		

COAL ANALYSIS PREPARED BY
GENERAL TESTING LABORATORIES
SIGNED:

PROJECT:BFLCOURT AREA:OMEGA
DATE SAMPLED: 5/10/78 DATE ANALYSED: 2/ 3/79
DRILL HOLE #:BD7806 SEAM: 6
LAB COMPOSITE #: B 10-53 WT. REC. 2.10
DATA POINT COORDINATES : N 30514.60 E 91487.44
DATA POINT ELEVATION : 1706.41 M

COMPOSITE DESCRIPTION		MINING SECTION
INTERVAL	273.15-274.95	273.15-274.95
THICKNESS	1.80	1.80
DIP	67	67
COAL/COAL+ROCK	.74/ .74	.74/ .74
DRILL CORE RECOVERY	45.90%	45.90 %
ESTIMATED YIELD	******	

GENERAL TESTING LABS

SIMULATED PRODUCT SIZE	3/8 X 28	28 X 100	100 X 0
CUTPOINT	SP.G. 1.55	SP.G. 1.70	SEC. 225
CONTRIBUTION	41.7	28.2	20.9

	AIR DRIED	DRY BASIS	D.M.M.F.
YIELD	90.78		
MOISTURE	.54		
ASH	4.74	4.77	
VOLATILE	18.94	19.04	19.49
F.C.	75.78	76.19	80.51
SULPHUR	.60		
PHOSPHORUS	.047		
S.P.G.	1.120		
F.S.I.	4.0		
HARDGROVE	******		

HEAD ANALYSIS - COMPOSITE RAW COAL

	AIR DRIED	DRY BASIS	D.M.M.F.
MOISTURE	.55		
ASH	11.34	11.40	
VOLATILE	18.74	18.84	20.24
F.C.	69.37	69.75	79.76
F.S.I.	3.0		
SULPHUR	.62		
SP.GR. (-3/8 MESH)	1.18		
PHOSPHOROUS	.058		
HARDGROVE	0		

DRILL HOLE #:BD7806 SEAM: 6

FLOAT SINK ANALYSES

SIZE REL. WEIGHT
3/8 X 28 49.07

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	79.10	3.80	79.10	3.80	20.90	58.20	******	2.5
1.50	5.80	13.75	84.90	4.48	15.10	75.28	******	2.5
1.55	.10	21.48	85.00	4.50	15.00	75.63	******	2.5
1.60	1.90	31.48	86.90	5.09	13.10	82.04	******	2.0
1.70	.80	48.94	87.70	5.49	12.30	84.19	******	2.0
1.80	.40	69.36	88.10	5.78	11.90	84.69	******	2.0
****	11.90	84.69	100.00	15.17	**********	**********	**********	1.5

SIZE REL. WEIGHT
28 X 100 30.05

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	90.10	3.38	90.10	3.38	9.90	53.28	******	4.5
1.50	.95	10.09	91.05	3.45	8.95	57.86	******	4.5
1.60	.95	17.98	92.00	3.60	8.00	62.60	******	4.5
1.70	1.80	26.53	93.80	4.04	6.20	73.07	******	4.5
1.80	.75	39.34	94.55	4.32	5.45	77.71	******	4.0
1.90	.55	59.65	95.10	4.64	4.90	79.74	******	4.0
****	4.90	79.74	100.00	8.32	**********	**********	**********	3.0

FROTH FLOATATION

SIZE REL. WEIGHT
100 X 0 20.88

TIME.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	F.S.I.	CUM FSI
45.	95.76	3.92	95.76	3.92	******	5.5
90.	1.03	52.80	96.79	4.44	******	5.5
135.	.77	77.22	97.56	5.01	******	5.5
180.	.80	84.05	98.36	5.66	******	5.5
225.	1.64	85.44	100.00	6.97	******	5.5

DRILL HOLE #:BD7806 SEAM: 6

FLUIDITY		DILATATION	
START TEMP.	******	SOFT.TEMP.	******
FINAL TEMP.	******	SOLID.TEMP.	******
MAX.FLUIDITY TEMP.	******	MAX.CONTRACTION	******
MAX.FLUIDITY(DDPM)	******	MAX.DILATATION	******
MAX.FLUIDITY(LOG)	******	G.FACTOR	******

LAB

1.5 FLOAT/SINK ANALYSIS OF SEAM COMPONENTS

COMPONENT NO. B-54 INTERVAL 273.15-274.95

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	84.50	3.93	.36	18.77	76.94	.64	3.5
1.5 SINK	15.50	55.93					
TOTAL	100.00	11.99					
DRY BASIS		3.94		18.84	77.22		
D.M.M.F. BASIS		-		19.15	80.85		

COAL ANALYSIS PREPARED BY
GENERAL TESTING LABORATORIES
SIGNED:

PROJECT:BELCOURT AREA:RED DEER
DATE SAMPLED: 7/11/78 DATE ANALYSED:21/ 2/79
DRILL HOLE #:BD7807 SEAM: 1
LAB COMPOSITE #: 810-19 WT. REC. 10.50
DATA POINT COORDINATES : N 53459.28 E 62932.99
DATA POINT ELEVATION : 1697.58 M

COMPOSITE DESCRIPTION		MINING SECTION
INTERVAL	157.53-200.62	157.53-200.62
THICKNESS	43.09	43.09
DIP	75	75
COAL/COAL+ROCK	10.21/11.07	10.21/11.07
DRILL CORE RECOVERY	93.10%	93.10 %
ESTIMATED YIELD	******	

GENERAL TESTING LABS

STIMULATED PRODUCT

SIZE	3/8 X 28	28 X 100	100 X 0
CUTPOINT	SP.G. 1.55	SP.G. 1.70	SEC. 135
CONTRIBUTION	52.3	19.4	12.6

	AIR DRIED	DRY BASIS	D.M.M.F.
YIELD	84.34		
MOISTURE	.73		
ASH	7.09	7.14	
VOLATILE	25.06	25.24	26.67
F.C.	67.12	67.61	73.33
SULPHUR	.23		
PHOSPHORUS	.018		
S.P.G.	1.150		
F.S.I.	7.0		
HARDGROVE	******		

HEAD ANALYSIS - COMPOSITE RAW COAL

	AIR DRIED	DRY BASIS	D.M.M.F.
MOISTURE	.87		
ASH	15.60	15.74	
VOLATILE	24.07	24.28	27.67
F.C.	59.46	59.98	72.33
F.S.I.	6.0		
SULPHUR	.21		
SP.GR. (-3/8 MESH)	1.25		
PHOSPHORUS	.020		
HARDGROVE	90		

DRILL HOLE #:BD7807 SEAM: 1

FLOAT SINK ANALYSES

SIZE REL. WEIGHT
3/8 X 28 65.65

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	67.75	6.39	67.75	6.39	32.25	40.41	******	6.5
1.50	9.10	9.43	76.85	6.75	23.15	52.58	******	6.5
1.55	2.80	16.14	79.65	7.08	20.35	57.60	******	6.5
1.60	1.65	22.85	81.30	7.40	18.70	60.66	******	5.5
1.70	4.40	34.86	85.70	8.81	14.30	68.60	******	5.5
1.80	1.50	37.88	87.20	9.31	12.80	72.20	******	5.5
****	12.80	72.20	100.00	17.36	**********	**********	**********	5.0

SIZE REL. WEIGHT
28 X 100 21.07

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	77.27	3.51	77.27	3.51	22.73	41.74	******	8.5
1.50	7.73	15.83	85.00	4.63	15.00	55.09	******	8.0
1.60	4.53	28.15	89.53	5.82	10.47	66.75	******	8.0
1.70	2.57	43.45	92.10	6.87	7.90	74.33	******	8.0
1.80	.68	54.62	92.78	7.22	7.22	76.19	******	8.0
1.90	.57	61.26	93.35	7.55	6.65	77.47	******	8.0
****	6.65	77.47	100.00	12.20	**********	**********	**********	7.0

FROTH FLOATATION

SIZE REL. WEIGHT
100 X 0 13.28

TIME.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	F.S.I.	CUM FSI
45.	89.65	6.79	89.65	6.79	******	8.5
90.	2.45	40.51	92.10	7.69	******	8.5
135.	3.06	69.24	95.16	9.67	******	8.0
180.	2.25	79.71	97.41	11.28	******	8.0
225.	2.59	86.68	100.00	13.24	******	7.5

DRILL HOLE #:BD7807 SEAM: 1

FLUIDITY		DILATATION	
START TEMP.	438.0	SOFT.TEMP.	386.0
FINAL TEMP.	503.0	SOLID.TEMP.	478.0
MAX.FLUIDITY TEMP.	471.0	MAX.CONTRACTION	27.0
MAX.FLUIDITY(DDPM)	8.0	MAX.DILATATION	-6.0
MAX.FLUIDITY(LOG)	.903	G.FACTOR	.857
LAB	GTL	GTL	

1.5 FLOAT/SINK ANALYSIS OF SEAM COMPONENTS

COMPONENT NO. 57 INTERVAL 157.53-159.73

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	86.30	2.78	.54	26.45	70.23	.45	8.0
1.5 SINK	13.70	34.82					
TOTAL	100.00	7.17					
DRY BASIS		2.80		26.59	70.61		
D.M.M.F. BASIS		-		27.07	72.93		

COMPONENT NO. 58 INTERVAL 159.73-163.11

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	14.70	13.13	.63	23.84	62.40	.30	5.0
1.5 SINK	85.30	76.00					
TOTAL	100.00	66.76					
DRY BASIS		13.21		23.99	62.80		
D.M.M.F. BASIS		-		26.66	73.34		

COMPONENT NO. 59 INTERVAL 163.11-200.62

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	78.00	5.36	.77	25.71	68.16	.20	7.0
1.5 SINK	22.00	40.36					
TOTAL	100.00	13.06					
DRY BASIS		5.40		25.91	68.69		
D.M.M.F. BASIS		-		27.00	73.00		

COAL ANALYSIS PREPARED BY
GENERAL TESTING LABORATORIES
SIGNED:

PROJECT:BELCOURT AREA:RED DEER
DATE SAMPLED: 5/11/79 DATE ANALYSED:21/ 2/79
DRILL HOLE #:BD7807 SEAM: 2
LAB COMPOSITE #: 810-20 WT. REC. 9.40
DATA POINT COORDINATES : N 53459.28 E 62832.99
DATA POINT ELEVATION : 1697.58 M

COMPOSITE DESCRIPTION		MINING SECTION
INTERVAL	53.47-57.87	53.47-57.87
THICKNESS	4.40	4.40
DIP	75	75
COAL/COAL+ROCK	1.15/ 1.15	1.15/ 1.15
DRILL CORE RECOVERY	69.30%	69.30 %
ESTIMATED YIELD	******	

GENERAL TESTING LABS

SIMULATED PRODUCT

SIZE	3/8 X 28	28 X 100	100 X 0
CUTPOINT	SP.G. 1.55	SP.G. 1.70	SEC. 225
CONTRIBUTION	53.8	25.1	17.6

	AIR DRIED	DRY BASIS	D.M.M.F.
YIELD	96.53		
MOISTURE	.65		
ASH	4.11	4.14	
VOLATILE	24.59	24.75	25.47
F.C.	70.65	71.11	74.53
SULPHUR	.33		
PHOSPHORUS	.042		
S.P.G.	1.090		
F.S.I.	7.0		
HARDGROVE	******		

HEAD ANALYSIS - COMPOSITE RAW COAL

	AIR DRIED	DRY BASIS	D.M.M.F.
MOISTURE	.62		
ASH	6.28	6.32	
VOLATILE	25.04	25.20	26.41
F.C.	68.06	68.48	73.59
F.S.I.	6.0		
SULPHUR	.33		
SP.GR. (-3/8 MESH)	1.15		
PHOSPHORUS	.046		
HARDGROVE	76		

DRILL HOLE #:BD7807 SEAM: 2

FLOAT SINK ANALYSES

SIZE REL. WEIGHT
3/8 X 28 56.80

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	92.65	3.82	92.65	3.82	7.35	57.15	******	6.5
1.50	1.90	17.75	94.55	4.10	5.45	70.89	******	6.0
1.55	.10	32.50	94.65	4.13	5.35	71.61	******	5.5
1.60	.75	48.65	95.40	4.48	4.60	75.35	******	5.5
1.70	.30	55.52	95.70	4.64	4.30	76.74	******	4.5
1.80	.25	69.89	95.95	4.81	4.05	77.16	******	4.5
****	4.05	77.16	100.00	7.74	**********		**********	3.5

SIZE REL. WEIGHT
28 X 100 25.57

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	93.53	2.70	93.53	2.70	6.47	23.87	******	7.5
1.50	2.87	8.07	96.40	2.86	3.60	36.47	******	7.5
1.60	1.35	11.55	97.75	2.98	2.25	51.42	******	7.5
1.70	.55	28.00	98.30	3.12	1.70	59.00	******	7.0
1.80	.25	38.60	98.55	3.21	1.45	62.52	******	7.0
1.90	.10	52.54	98.65	3.26	1.35	63.26	******	7.0
****	1.35	63.26	100.00	4.07	**********		**********	7.5

FROTH FLOATATION

SIZE REL. WEIGHT
100 X 0 17.63

TIME.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	F.S.I.	CUM FSI
45.	97.47	3.46	97.47	3.46	******	7.0
90.	.93	40.84	98.40	3.81	******	7.0
135.	.60	65.73	99.00	4.19	******	7.0
180.	.47	77.18	99.47	4.53	******	7.0
225.	.53	84.66	100.00	4.96	******	7.0

DRILL HOLE #:BD7807 SEAM: 2

FLUIDITY		DILATATION	
START TEMP.	452.0	SOFT.TEMP.	410.0
FINAL TEMP.	499.0	SOLID.TEMP.	******
MAX.FLUIDITY TEMP.	468.0	MAX.CONTRACTION	23.0
MAX.FLUIDITY(DDPM)	2.0	MAX.DILATATION	******
MAX.FLUIDITY(LOG)	.301	G.FACTOR	******
LAB	GTL	GTL	

1.5 FLOAT/SINK ANALYSIS OF SEAM COMPONENTS

COMPONENT NO. B 60 INTERVAL 53.47-57.87

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	90.70	3.45	.51	24.97	71.07	.30	6.5
1.5 SINK	9.30	30.01					
TOTAL	100.00	5.92					
DRY BASIS		3.47		25.10	71.43		
D.M.M.F. BASIS		-		25.71	74.29		

COAL ANALYSIS PREPARED BY
GENERAL TESTING LABORATORIES
SIGNED:

PROJECT:BELCOURT AREA:HUGUENOT
DATE SAMPLED:23/ 2/78 DATE ANALYSED:21/ 2/79
DRILL HOLE #:BD7808 SEAM: 1
LAB COMPOSITE #: B10-21 WT. REC. 23.40
DATA POINT COORDINATES : N 37923.06 E 84368.29
DATA POINT ELEVATION : 1635.52 M

COMPOSITE DESCRIPTION		MINING SECTION
INTERVAL	89.50-99.60	89.50-99.60
THICKNESS	10.10	10.10
DIP	35	35
COAL/COAL+ROCK	6.78/ 8.27	6.78/ 8.27
DRILL CORE RECOVERY	62.90%	62.90 %
ESTIMATED YIELD	******	

GENERAL TESTING LABS

SIMULATED PRODUCT

SIZE	3/8 X 28	28 X 100	100 X 0
CUTPOINT	SP.G. 1.55	SP.G. 1.70	SEC. 90
CONTRIBUTION	41.9	21.2	15.9

	AIR DRIED	DRY BASIS	D.M.M.F.
YIELD	78.98		
MOISTURE	.96		
ASH	6.97	7.04	
VOLATILE	22.30	22.52	23.66
F.C.	69.77	70.45	76.34
SULPHUR	.34		
PHOSPHORUS	.029		
S.P.G.	1.200		
F.S.I.	2.5		
HARDGROVE	******		

HEAD ANALYSIS - COMPOSITE RAW COAL

	AIR DRIED	DRY BASIS	D.M.M.F.
MOISTURE	1.42		
ASH	20.98	21.28	
VOLATILE	19.36	19.64	23.18
F.C.	58.24	59.08	76.82
F.S.I.	1.5		
SULPHUR	.31		
SP.GR. (-3/8 MESH)	1.35		
PHOSPHOROUS	.030		
HARDGROVE	80		

DRILL HOLE #:807808 SEAM: 1

FLOAT SINK ANALYSES

SIZE REL. WEIGHT
3/8 x 28 58.65

			CUM. FLOATS		CUM. SINKS			CUM
SP.G.	WT%	ASH%	WT%	ASH%	WT%	ASH%	F.S.I.	FSI
1.40	58.05	5.19	58.05	5.19	41.95	53.06	******	2.5
1.50	11.75	12.73	69.80	6.46	30.20	68.75	******	2.0
1.55	1.60	25.20	71.40	6.88	28.60	71.18	******	2.0
1.60	2.50	35.85	73.90	7.86	26.10	74.57	******	1.5
1.70	2.20	49.37	76.10	9.06	23.90	76.88	******	1.5
1.80	2.00	61.39	78.10	10.40	21.90	78.30	******	1.5
****	21.90	78.30	100.00	25.27	**********			1.5

SIZE REL. WEIGHT
28 X 100 24.28

			CUM. FLOATS		CUM. SINKS			CUM
SP.G.	WT%	ASH%	WT%	ASH%	WT%	ASH%	F.S.I.	FSI
1.40	71.90	3.80	71.90	3.80	28.10	48.25	******	2.5
1.50	9.15	14.61	81.05	5.02	18.95	64.49	******	2.5
1.60	3.65	28.23	84.70	6.02	15.30	73.14	******	2.0
1.70	2.70	41.95	87.40	7.13	12.60	79.82	******	1.5
1.80	1.00	58.40	88.40	7.71	11.60	81.67	******	1.5
1.90	.80	67.92	89.20	8.25	10.80	82.69	******	1.5
****	10.80	82.69	100.00	16.29	**********			1.5

FROTH FLOATATION

SIZE REL. WEIGHT
100 X 0 17.07

			CUM. FLOATS			CUM
TIME.	WT%	ASH%	WT%	ASH%	F.S.I.	FSI
45.	89.68	8.42	89.68	8.42	******	2.5
90.	3.35	46.92	93.03	9.81	******	2.5
135.	1.94	67.51	94.97	10.99	******	2.5
180.	1.74	79.68	96.71	12.22	******	2.5
225.	3.29	86.87	100.00	14.68	******	2.0

DRILL HOLE #:BD7808 SEAM: 1

FLUIDITY		DILATATION	
START TEMP.	******	SOFT.TEMP.	******
FINAL TEMP.	******	SOLID.TEMP.	******
MAX.FLUIDITY TEMP.	471.0	MAX.CONTRACTION	******
MAX.FLUIDITY(DDPM)	.1	MAX.DILATATION	******
MAX.FLUIDITY(LOG)	-1.000	G.FACTOR	******
LAB	GTL	GTL	

1.5 FLOAT/SINK ANALYSIS OF SEAM COMPONENTS

COMPONENT NO. 61 INTERVAL 89.50-96.15

		AIR DRIED BASIS				
	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	75.50	6.51	.73	20.49	72.27	.29	2.5
1.5 SINK	24.50	45.33					
TOTAL	100.00	16.02					
DRY BASIS		6.56		20.64	72.80		
D.M.M.F. BASIS		-		21.56	78.44		

COMPONENT NO. 62 INTERVAL 96.15-99.60

		AIR DRIED BASIS				
	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	55.90	6.03	1.02	21.50	71.45	.41	2.5
1.5 SINK	44.10	61.99					
TOTAL	100.00	30.71					
DRY BASIS		6.09		21.72	72.19		
D.M.M.F. BASIS		-		22.61	77.39		

COAL ANALYSIS PREPARED BY
GENERAL TESTING LABORATORIES
SIGNED:

PROJECT:BELCOURT AREA:HUGUENOT
DATE SAMPLED:23/11/78 DATE ANALYSED: 2/ 3/79
DRILL HOLE #:BD7808 SEAM: 6
LAB COMPOSITE #: B 10-54 WT. REC. 2.89
DATA POINT COORDINATES : N 37923.06 E 84368.29
DATA POINT ELEVATION : 1635.52 M

COMPOSITE DESCRIPTION		MINING SECTION
INTERVAL	222.75-225.85	222.75-225.85
THICKNESS	3.10	3.10
DIP	50	50
COAL/COAL+ROCK	1.53/ 1.99	1.53/ 1.99
DRILL CORE RECOVERY	27.10%	27.10 %
ESTIMATED YIELD	******	

GENERAL TESTING LABS

SIMULATED PRODUCT

SIZE	3/8 X 28	28 X 100	100 X 0
CUTPOINT	SP.G. 1.55	SP.G. 1.70	SEC. 135
CONTRIBUTION	28.1	21.3	18.4

	AIR DRIED	DRY BASIS	D.M.M.F.
YIELD	67.83		
MOISTURE	.58		
ASH	5.74	5.77	
VOLATILE	21.88	22.01	22.83
F.C.	71.80	72.22	77.17
SULPHUR	.52		
PHOSPHORUS	.080		
S.P.G.	1.100		
F.S.I.	8.0		
HARDGROVE	******		

HEAD ANALYSIS - COMPOSITE RAW COAL

	AIR DRIED	DRY BASIS	D.M.M.F.
MOISTURE	.71		
ASH	28.73	28.94	
VOLATILE	18.68	18.81	23.81
F.C.	51.88	52.25	76.19
F.S.I.	4.5		
SULPHUR	.49		
SP.GR. (-3/8 MESH)	1.38		
PHOSPHORUS	.075		
HARDGROVE	0		

DRILL HOLE #:BD7808 SEAM: 6

FLOAT SINK ANALYSES

SIZE	REL. WEIGHT
3/8 X 28	54.06

			CUM. FLOATS		CUM. SINKS			CUM
SP.G.	WT%	ASH%	WT%	ASH%	WT%	ASH%	F.S.I.	FSI
1.40	49.50	4.51	49.50	4.51	50.50	72.77	******	7.5
1.50	2.45	13.84	51.95	4.95	48.05	75.77	******	7.5
1.55	.10	25.77	52.05	4.99	47.95	75.88	******	7.5
1.60	1.30	32.49	53.35	5.66	46.65	77.09	******	7.5
1.70	1.20	47.03	54.55	6.57	45.45	77.88	******	7.5
1.80	3.30	55.65	57.85	9.37	42.15	79.62	******	7.5
****	42.15	79.62	100.00	38.98	**********			3.0

SIZE	REL. WEIGHT
28 X 100	26.18

			CUM. FLOATS		CUM. SINKS			CUM
SP.G.	WT%	ASH%	WT%	ASH%	WT%	ASH%	F.S.I.	FSI
1.40	71.80	3.34	71.80	3.34	28.20	58.98	******	9.0
1.50	3.95	19.83	75.75	4.20	24.25	65.35	******	9.0
1.60	3.50	30.01	79.25	5.34	20.75	71.32	******	8.5
1.70	1.90	40.36	81.15	6.16	18.85	74.44	******	8.5
1.80	2.60	51.58	83.75	7.57	16.25	78.09	******	8.5
1.90	.90	65.88	84.65	8.19	15.35	78.81	******	8.5
****	15.35	78.81	100.00	19.03	**********			5.5

FROTH FLOATATION

SIZE	REL. WEIGHT
100 X 0	19.76

			CUM. FLOATS			CUM
TIME.	WT%	ASH%	WT%	ASH%	F.S.I.	FSI
45.	80.51	5.63	80.51	5.63	******	8.0
90.	8.94	29.76	89.45	8.04	******	7.5
135.	3.88	55.77	93.33	10.03	******	7.0
180.	3.20	71.50	96.53	12.06	******	7.0
225.	3.47	93.92	100.00	14.56	******	6.5

DRILL HOLE #:BD7808 SEAM: 6

FLUIDITY		DILATATION	
START TEMP.	******	SOFT.TEMP.	******
FINAL TEMP.	******	SOLID.TEMP.	******
MAX.FLUIDITY TEMP.	******	MAX.CONTRACTION	******
MAX.FLUIDITY(DDPM)	******	MAX.DILATATION	******
MAX.FLUIDITY(LOG)	******	G.FACTOR	******

LAB

1.5 FLOAT/SINK ANALYSIS OF SEAM COMPONENTS

COMPONENT NO. B-63 INTERVAL 222.75-225.85

			AIR DRIED BASIS				
	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	61.80	4.93	.43	22.11	72.53	.46	8.5
1.5 SINK	38.20	69.88					
TOTAL	100.00	29.74					
DRY BASIS		4.95		22.21	72.84		
D.M.M.F. BASIS		-		22.91	77.09		

COAL ANALYSIS PREPARED BY
GENERAL TESTING LABORATORIES
SIGNED:

PROJECT:BELCOURT AREA:HUGUENOT
DATE SAMPLED:23/11/78 DATE ANALYSED:21/ 2/79
DRILL HOLE #:BD7808 SEAM: 7
LAB COMPOSITE #: 810-22 WT. REC. 3.60
DATA POINT COORDINATES : N 37923.06 E 84368.29
DATA POINT ELEVATION : 1635.52 M

COMPOSITE DESCRIPTION		MINING SECTION
INTERVAL	280.55-282.00	280.38-282.00
THICKNESS	1.45	1.62
DIP	50	50
COAL/COAL+ROCK	.79/ .93	.79/ 1.04
DRILL CORE RECOVERY	74.20%	76.90 %
ESTIMATED YIELD	******	

GENERAL TESTING LABS

SIMULATED PRODUCT

SIZE	3/8 X 28	28 X 100	100 X 0
CUTPOINT	SP.G. 1.55	SP.G. 1.70	SEC. 225
CONTRIBUTION	33.9	27.0	27.0

	AIR DRIED	DRY BASIS	D.M.M.F.
YIELD	87.88		
MOISTURE	.86		
ASH	8.20	8.27	
VOLATILE	21.31	21.49	22.67
F.C.	69.63	70.23	77.33
SULPHUR	.69		
PHOSPHORUS	.153		
S.P.G.	1.130		
F.S.I.	6.0		
HARDGROVE	******		

HEAD ANALYSIS - COMPOSITE RAW COAL

	AIR DRIED	DRY BASIS	D.M.M.F.
MOISTURE	.86		
ASH	15.14	15.27	
VOLATILE	19.17	19.34	21.46
F.C.	64.83	65.39	78.54
F.S.I.	3.5		
SULPHUR	.69		
SP.GR. (-3/8 MESH)	1.19		
PHOSPHOROUS	.145		
HARDGROVE	77		

DRILL HOLE #:BD7808 SEAM: 7

FLOAT SINK ANALYSES

SIZE	REL. WEIGHT
3/8 X 28	44.05

			CUM. FLOATS		CUM. SINKS			CUM
SP.G.	WT%	ASH%	WT%	ASH%	WT%	ASH%	F.S.I.	FSI
1.40	55.60	5.93	55.60	5.93	44.40	42.75	******	5.5
1.50	18.15	14.79	73.75	8.11	26.25	62.09	******	5.5
1.55	3.30	23.52	77.05	8.77	22.95	67.63	******	5.0
1.60	2.95	35.89	80.00	9.77	20.00	72.32	******	4.0
1.70	.70	54.73	80.70	10.16	19.30	72.95	******	3.5
1.80	1.70	63.48	82.40	11.26	17.60	73.87	******	3.5
****	17.60	73.87	100.00	22.28	**********			3.0

SIZE	REL. WEIGHT
28 X 100	28.97

			CUM. FLOATS		CUM. SINKS			CUM
SP.G.	WT%	ASH%	WT%	ASH%	WT%	ASH%	F.S.I.	FSI
1.40	75.20	4.60	75.20	4.60	24.80	30.85	******	6.5
1.50	13.10	12.49	88.30	5.77	11.70	51.41	******	6.0
1.60	1.85	22.34	90.15	6.11	9.85	56.87	******	5.0
1.70	2.90	34.99	93.05	7.01	6.95	66.00	******	5.0
1.80	.60	49.15	93.65	7.28	6.35	67.60	******	4.5
1.90	3.20	63.88	96.85	9.15	3.15	71.37	******	4.0
****	3.15	71.37	100.00	11.11	**********			3.5

FROTH FLOATATION

SIZE	REL. WEIGHT
100 X 0	26.98

			CUM. FLOATS			CUM
TIME.	WT%	ASH%	WT%	ASH%	F.S.I.	FSI
45.	94.88	6.21	94.88	6.21	******	6.0
90.	3.03	35.38	97.91	7.11	******	6.0
135.	.74	58.90	98.65	7.50	******	6.0
180.	.61	67.25	99.26	7.87	******	6.0
225.	.74	71.55	100.00	8.34	******	5.5

DRILL HOLE #:BD7808 SEAM: 7

FLUIDITY		DILATATION	
START TEMP.	******	SOFT.TEMP.	416.0
FINAL TEMP.	******	SOLID.TEMP.	******
MAX.FLUIDITY TEMP.	473.0	MAX.CONTRACTION	21.0
MAX.FLUIDITY(DDPM)	.7	MAX.DILATATION	******
MAX.FLUIDITY(LOG)	-.155	G.FACTOR	******
LAB	GTL	GTL	

1.5 FLOAT/SINK ANALYSIS OF SEAM COMPONENTS

COMPONENT NO. B 64 INTERVAL 280.55-282.00

		AIR DRIED BASIS				
	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	74.70	6.70	.66	20.37	72.27	.65	6.0
1.5 SINK	25.30	39.94					
TOTAL	100.00	15.11					
DRY BASIS		6.74		20.51	72.75		
D.M.M.F. BASIS		-		21.33	78.67		

COAL ANALYSIS PREPARED BY
GENERAL TESTING LABORATORIES
SIGNED:

PROJECT:BELCOURT AREA:HUGUENOT
DATE SAMPLED:23/11/78 DATE ANALYSED:21/ 2/79
DRILL HOLE #:BD7808 SEAM: B
LAB COMPOSITE #: B10-23 WT. REC. 6.20
DATA POINT COORDINATES : N 37923.06 E 84368.29
DATA POINT ELEVATION : 1635.52 M

COMPOSITE DESCRIPTION		MINING SECTION
INTERVAL	402.20-403.80	402.20-403.80
THICKNESS	1.60	1.60
DIP	41	41
COAL/COAL+ROCK	1.01/ 1.29	1.01/ 1.29
DRILL CORE RECOVERY	93.00%	93.00 %
ESTIMATED YIELD	******	

GENERAL TESTING LABS

SIMULATED PRODUCT

SIZE	3/8 X 28	28 X 100	100 X 0
CUTPOINT	SP.G. 1.55	SP.G. 1.70	SEC. 90
CONTRIBUTION	36.9	21.5	16.3

	AIR DRIED	DRY BASIS	D.M.M.F.
YIELD	74.75		
MOISTURE	.63		
ASH	7.78	7.83	
VOLATILE	22.90	23.05	24.35
F.C.	68.69	69.13	75.65
SULPHUR	.47		
PHOSPHORUS	.051		
S.P.G.	1.210		
F.S.I.	6.0		
HARDGROVE	******		

HEAD ANALYSIS - COMPOSITE RAW COAL

	AIR DRIED	DRY BASIS	D.M.M.F.
MOISTURE	.60		
ASH	21.64	21.77	
VOLATILE	20.70	20.82	24.81
F.C.	57.06	57.40	75.19
F.S.I.	3.5		
SULPHUR	.39		
SP.GR. (-3/8 MESH)	1.31		
PHOSPHOROUS	.040		
HARDGROVE	79		

DRILL HOLE #:BD7808 SEAM: B

FLOAT SINK ANALYSES

SIZE REL. WEIGHT
3/8 X 28 58.30

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	53.35	4.54	53.35	4.54	46.65	54.40	******	5.5
1.50	7.60	19.70	60.95	6.43	39.05	61.15	******	5.0
1.55	2.35	25.02	63.30	7.12	36.70	63.47	******	4.5
1.60	4.95	30.97	68.25	8.85	31.75	68.53	******	4.0
1.70	3.00	43.53	71.25	10.31	28.75	71.14	******	4.0
1.80	.15	57.91	71.40	10.41	28.60	71.21	******	3.5
****	28.60	71.21	100.00	27.80	**********	**********	**********	2.5

SIZE REL. WEIGHT
28 X 100 24.92

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	69.70	4.06	69.70	4.06	30.30	37.29	******	7.0
1.50	10.80	13.38	80.50	5.31	19.50	50.54	******	7.0
1.60	1.45	18.31	81.95	5.54	18.05	53.13	******	6.5
1.70	4.35	24.98	86.30	6.52	13.70	62.06	******	5.5
1.80	3.60	41.98	89.90	7.94	10.10	69.22	******	5.5
1.90	1.20	58.05	91.10	8.60	8.90	70.73	******	4.5
****	8.90	70.73	100.00	14.13	**********	**********	**********	4.5

FROTH FLOATATION

SIZE REL. WEIGHT
100 X 0 16.78

TIME.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	F.S.I.	CUM FSI
45.	94.28	9.15	94.28	9.15	******	6.0
90.	3.12	55.44	97.40	10.63	******	6.0
135.	1.27	66.83	98.67	11.36	******	5.5
180.	.60	69.47	99.27	11.71	******	5.5
225.	.73	71.53	100.00	12.14	******	5.5

DRILL HOLE #:BD7808 SEAM: B

FLUIDITY		DILATATION	
START TEMP.	446.0	SOFT.TEMP.	362.0
FINAL TEMP.	515.0	SOLID.TEMP.	473.0
MAX.FLUIDITY TEMP.	480.0	MAX.CONTRACTION	23.0
MAX.FLUIDITY(DDPM)	61.0	MAX.DILATATION	23.0
MAX.FLUIDITY(LOG)	1.785	G.FACTOR	1.000
LAB	GTL	GTL	

1.5 FLOAT/SINK ANALYSIS OF SEAM COMPONENTS

COMPONENT NO. B 55 INTERVAL 402.20-403.80

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	68.60	6.08	.53	23.12	70.27	.46	6.5
1.5 SINK	31.40	54.49					
TOTAL	100.00	21.28					
DRY BASIS		6.11		23.24	70.64		
D.M.M.F. BASIS		-		24.23	75.77		

COAL ANALYSIS PREPARED BY
GENERAL TESTING LABORATORIES
SIGNED:

PROJECT:BELCOURT AREA:PTARMIGAN
DATE SAMPLED:23/11/78 DATE ANALYSED:21/ 2/79
DRILL HOLE #:BD7809 SEAM: 1
LAB COMPOSITE #: 810-24 WT. REC. 4.38
DATA POINT COORDINATES : N 31650.68 E 89771.14
DATA POINT ELEVATION : 1782.76 M

COMPOSITE DESCRIPTION		MINING SECTION
INTERVAL	150.65-154.05	150.65-154.05
THICKNESS	3.40	3.40
DIP	27	27
COAL/COAL+ROCK	3.04/ 3.04	3.04/ 3.04
DRILL CORE RECOVERY	40.00%	40.00 %
ESTIMATED YIELD	******	

GENERAL TESTING LABS

SIMULATED PRODUCT

SIZE	3/8 X 28	28 X 100	100 X 0
CUTPOINT	SP.G. 1.55	SP.G. 1.70	SEC. 225
CONTRIBUTION	25.7	31.9	31.0

	AIR DRIED	DRY BASIS	D.M.M.F.
YIELD	88.56		
MOISTURE	.76		
ASH	7.41	7.47	
VOLATILE	18.56	18.70	19.59
F.C.	73.27	73.83	80.41
SULPHUR	.33		
PHOSPHORUS	.033		
S.P.G.	1.140		
F.S.I.	3.5		
HARDGROVE	******		

HEAD ANALYSIS - COMPOSITE RAW COAL

	AIR DRIED	DRY BASIS	D.M.M.F.
MOISTURE	.50		
ASH	11.33	11.39	
VOLATILE	18.79	18.88	20.39
F.C.	69.38	69.73	79.61
F.S.I.	2.5		
SULPHUR	.31		
SP.GR. (-3/8 MESH)	1.17		
PHOSPHOROUS	.035		
HARDGROVE	78		

DRILL HOLE #:BD7809 SEAM: 1

FLOAT SINK ANALYSES

SIZE	REL. WEIGHT
3/8 X 28	35.67

			CUM. FLOATS		CUM. SINKS			CUM
SP.G.	WT%	ASH%	WT%	ASH%	WT%	ASH%	F.S.I.	FSI
1.40	51.10	5.72	51.10	5.72	48.90	28.21	******	2.5
1.50	14.15	13.47	65.25	7.40	34.75	34.22	******	2.0
1.55	6.75	19.13	72.00	8.50	28.00	37.86	******	1.5
1.60	5.15	21.38	77.15	9.36	22.85	41.57	******	1.5
1.70	11.95	26.51	89.10	11.66	10.90	58.08	******	1.0
1.80	.40	40.75	89.50	11.79	10.50	58.74	******	1.0
****	10.50	58.74	100.00	16.72	**********			1.0

SIZE	REL. WEIGHT
28 X 100	33.38

			CUM. FLOATS		CUM. SINKS			CUM
SP.G.	WT%	ASH%	WT%	ASH%	WT%	ASH%	F.S.I.	FSI
1.40	86.30	4.34	86.30	4.34	13.70	33.68	******	4.0
1.50	6.80	19.67	93.10	5.46	6.90	47.49	******	4.0
1.60	1.40	25.71	94.50	5.76	5.50	53.03	******	4.0
1.70	1.15	34.04	95.65	6.10	4.35	58.05	******	3.5
1.80	1.35	45.62	97.00	6.65	3.00	63.65	******	3.5
1.90	.35	53.93	97.35	6.82	2.65	64.93	******	3.0
****	2.65	64.93	100.00	8.36	**********			3.0

FROTH FLOATATION

SIZE	REL. WEIGHT
100 X 0	30.95

			CUM. FLOATS			CUM
TIME.	WT%	ASH%	WT%	ASH%	F.S.I.	FSI
45.	95.53	5.86	95.53	5.86	******	4.0
90.	1.40	49.10	96.93	6.48	******	4.0
135.	1.00	64.09	97.93	7.07	******	4.0
180.	.80	74.91	98.73	7.62	******	4.0
225.	1.27	79.31	100.00	8.53	******	4.0

DRILL HOLE #:B07809 SEAM: 1

FLUIDITY		DILATATION	
START TEMP.	******	SOFT.TEMP.	440.0
FINAL TEMP.	******	SOLID.TEMP.	******
MAX.FLUIDITY TEMP.	481.0	MAX.CONTRACTION	12.0
MAX.FLUIDITY(DDPM)	.4	MAX.DILATATION	******
MAX.FLUIDITY(LOG)	-.398	G.FACTOR	******
LAB	GTL	GTL	

1.5 FLOAT/SINK ANALYSIS OF SEAM COMPONENTS

COMPONENT NO. B-66 INTERVAL 150.65-154.05

			AIR DRIED BASIS				
	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	74.70	5.53	.83	17.75	75.89	.32	3.5
1.5 SINK	25.30	30.75					
TOTAL	100.00	11.91					
DRY BASIS		5.58		17.90	76.53		
D.M.M.F. BASIS		-		18.47	81.53		

COAL ANALYSIS PREPARED BY
GENERAL TESTING LABORATORIES
SIGNED:

PROJECT:BELCOURT AREA:PTARMIGAN
DATE SAMPLED:23/11/78 DATE ANALYSED:21/ 2/79
DRILL HOLE #:BD7809 SEAM: 2
LAB COMPOSITE #: 810-25 WT. REC. 5.85
DATA POINT COORDINATES : N 31650.68 E 89771.14
DATA POINT ELEVATION : 1782.76 M

COMPOSITE DESCRIPTION		MINING SECTION
INTERVAL	133.35-135.70	133.35-135.70
THICKNESS	2.35	2.35
DIP	30	30
COAL/COAL+ROCK	1.81/ 2.02	1.81/ 2.02
DRILL CORE RECOVERY	59.60%	59.60 %
ESTIMATED YIELD	******	

GENERAL TESTING LABS

SIMULATED PRODUCT

SIZE	3/8 X 28	28 X 100	100 X 0
CUTPOINT	SP.G. 1.55	SP.G. 1.70	SEC. 225
CONTRIBUTION	43.5	24.8	18.9

	AIR DRIED	DRY BASIS	D.M.M.F.
YIELD	87.23		
MOISTURE	.58		
ASH	8.50	8.55	
VOLATILE	17.34	17.44	18.29
F.C.	73.58	74.01	81.71
SULPHUR	.51		
PHOSPHORUS	.008		
S.P.G.	1.160		
F.S.I.	4.0		
HARDGROVE	******		

HEAD ANALYSIS - COMPOSITE RAW COAL

	AIR DRIED	DRY BASIS	D.M.M.F.
MOISTURE	.55		
ASH	16.31	16.40	
VOLATILE	16.04	16.13	17.83
F.C.	67.10	67.47	82.17
F.S.I.	2.5		
SULPHUR	.48		
SP.GR. (-3/8 MESH)	1.23		
PHOSPHORUS	.016		
HARDGROVE	80		

DRILL HOLE #:BD7809 SEAM: 2

FLOAT SINK ANALYSES

SIZE REL. WEIGHT
3/8 X 28 54.70

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	54.70	5.17	54.70	5.17	45.30	41.84	******	4.5
1.50	16.55	13.01	71.25	6.99	28.75	58.43	******	3.5
1.55	8.30	25.78	79.55	8.95	20.45	71.69	******	3.0
1.60	3.40	33.84	82.95	9.97	17.05	79.24	******	3.0
1.70	2.45	42.39	85.40	10.90	14.60	85.42	******	3.0
1.80	.20	62.26	85.60	11.02	14.40	85.74	******	2.5
****	14.40	85.74	100.00	21.78	**********			1.5

SIZE REL. WEIGHT
28 X 100 26.40

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	76.90	3.43	76.90	3.43	23.10	32.09	******	4.5
1.50	10.45	14.55	87.35	4.76	12.65	46.58	******	4.0
1.60	3.15	23.72	90.50	5.42	9.50	54.16	******	4.0
1.70	3.50	34.43	94.00	6.50	6.00	65.66	******	4.0
1.80	1.50	47.88	95.50	7.15	4.50	71.59	******	3.0
1.90	2.00	63.21	97.50	8.30	2.50	78.30	******	3.0
****	2.50	78.30	100.00	10.05	**********			3.0

FROTH FLOATATION

SIZE REL. WEIGHT
100 X 0 18.90

TIME.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	F.S.I.	CUM FSI
45.	95.27	6.37	95.27	6.37	******	4.5
90.	1.73	65.16	97.00	7.42	******	4.5
135.	.87	78.76	97.87	8.05	******	4.5
180.	.80	82.19	98.67	8.65	******	4.5
225.	1.33	86.00	100.00	9.68	******	4.5

DRILL HOLE #:BD7809 SEAM: 2

FLUIDITY		DILATATION	
START TEMP.	******	SOFT.TEMP.	434.0
FINAL TEMP.	******	SOLID.TEMP.	******
MAX.FLUIDITY TEMP.	492.0	MAX.CONTRACTION	24.0
MAX.FLUIDITY(DDPM)	.9	MAX.DILATATION	******
MAX.FLUIDITY(LOG)	-.046	G.FACTOR	******
LAB	GTL	GTL	

1.5 FLOAT/SINK ANALYSIS OF SEAM COMPONENTS

COMPONENT NO. B-67 INTERVAL 133.35-135.70

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	73.00	6.61	.58	17.34	75.47	.46	4.5
1.5 SINK	27.00	40.57					
TOTAL	100.00	15.78					
DRY BASIS		6.65		17.44	75.91		
D.M.M.F. BASIS		-		18.07	81.93		

COAL ANALYSIS PREPARED BY
GENERAL TESTING LABORATORIES
SIGNED:

PROJECT:BELCOURT AREA:PTARMIGAN
DATE SAMPLED:23/11/78 DATE ANALYSED:21/ 2/79
DRILL HOLE #:BD7809 SEAM: 5
LAB COMPOSITE #: B10-26 WT. REC. 13.40
DATA POINT COORDINATES : N 31650.68 E 89771.14
DATA POINT ELEVATION : 1782.76 M

COMPOSITE DESCRIPTION		MINING SECTION
INTERVAL	81.58-88.60	81.03-88.60
THICKNESS	7.02	7.57
DIP	27	27
COAL/COAL+ROCK	5.98/ 6.27	6.29/ 6.76
DRILL CORE RECOVERY	55.50%	52.70 %
ESTIMATED YIELD	******	

GENERAL TESTING LABS

SIMULATED PRODUCT

SIZE	3/8 X 28	28 X 100	100 X 0
CUTPOINT	SP.G. 1.55	SP.G. 1.70	SEC. 225
CONTRIBUTION	37.8	26.3	23.1

	AIR DRIED	DRY BASIS	D.M.M.F.
YIELD	87.27		
MOISTURE	.59		
ASH	6.36	6.40	
VOLATILE	18.89	19.00	19.73
F.C.	74.16	74.60	80.27
SULPHUR	.43		
PHOSPHORUS	.043		
S.P.G.	1.160		
F.S.I.	4.5		
HARDGROVE	******		

HEAD ANALYSIS - COMPOSITE RAW COAL

	AIR DRIED	DRY BASIS	D.M.M.F.
MOISTURE	.49		
ASH	14.41	14.48	
VOLATILE	17.37	17.46	19.17
F.C.	67.73	68.06	80.83
F.S.I.	3.0		
SULPHUR	.43		
SP.GR. (-3/8 MESH)	1.19		
PHOSPHOROUS	.047		
HARDGROVE	84		

DRILL HOLE #:BD7809 SEAM: 5

FLOAT SINK ANALYSES

SIZE REL. WEIGHT
3/8 X 28 48.48

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	71.40	3.50	71.40	3.50	28.60	59.23	******	4.5
1.50	5.15	18.36	76.55	4.50	23.45	68.21	******	4.5
1.55	1.45	23.33	78.00	4.85	22.00	71.17	******	4.0
1.60	1.30	29.25	79.30	5.25	20.70	73.80	******	4.0
1.70	4.10	40.24	83.40	6.97	16.60	82.09	******	4.0
1.80	2.50	61.60	85.90	8.56	14.10	85.72	******	4.0
****	14.10	85.72	100.00	19.44	**********	**********	**********	2.0

SIZE REL. WEIGHT
28 X 100 28.39

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	83.05	2.84	83.05	2.84	16.95	48.45	******	5.5
1.50	6.35	18.19	89.40	3.93	10.60	66.57	******	5.5
1.60	2.40	30.32	91.80	4.62	8.20	77.18	******	5.5
1.70	.95	47.58	92.75	5.06	7.25	81.06	******	4.5
1.80	.15	60.80	92.90	5.15	7.10	81.49	******	4.5
1.90	2.10	71.20	95.00	6.61	5.00	85.81	******	4.0
****	5.00	85.81	100.00	10.57	**********	**********	**********	4.0

FROTH FLOATATION

SIZE REL. WEIGHT
100 X 0 23.13

TIME.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	F.S.I.	CUM FSI
45.	95.21	5.87	95.21	5.87	******	4.5
90.	1.80	56.74	97.01	6.81	******	4.5
135.	1.13	71.40	98.14	7.56	******	4.5
180.	.73	75.50	98.87	8.06	******	4.5
225.	1.13	81.87	100.00	8.89	******	4.5

DRILL HOLE #:BD7809 SEAM: 5

FLUIDITY		DILATATION	
START TEMP.	******	SOFT.TEMP.	431.0
FINAL TEMP.	******	SOLID.TEMP.	******
MAX.FLUIDITY TEMP.	488.0	MAX.CONTRACTION	23.0
MAX.FLUIDITY(DDPM)	.8	MAX.DILATATION	******
MAX.FLUIDITY(LOG)	-.097	G.FACTOR	******
LAB	GTL	GTL	

1.5 FLOAT/SINK ANALYSIS OF SEAM COMPONENTS

COMPONENT NO. B 69 INTERVAL 81.58-88.60

		AIR DRIED BASIS				
	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	78.00	4.45	.64	18.85	76.06	.41	5.0
1.5 SINK	22.00	49.90					
TOTAL	100.00	14.45					
DRY BASIS		4.48		18.97	76.55		
D.M.M.F. BASIS		-		19.43	80.57		

COAL ANALYSIS PREPARED BY
GENERAL TESTING LABORATORIES
SIGNED:

PROJECT:BELCOURT AREA:PTARMIGAN
DATE SAMPLED:23/11/78 DATE ANALYSED:21/ 2/79
DRILL HOLE #:BD7909 SEAM: 3
LAB COMPOSITE #: B10-27 WT. REC. 5.60
DATA POINT COORDINATES : N 31650.68 E 89771.14
DATA POINT ELEVATION : 1782.76 M

COMPOSITE DESCRIPTION		MINING SECTION
INTERVAL	115.10-118.50	115.10-118.50
THICKNESS	3.40	3.40
DIP	30	30
COAL/COAL+ROCK	2.07/ 2.93	2.07/ 2.93
DRILL CORE RECOVERY	39.10%	39.10 %
ESTIMATED YIELD	******	

GENERAL TESTING LABS

STIMULATED PRODUCT SIZE	3/8 X 28	28 X 100	100 X 0
CUTPOINT	SP.G.	SP.G.	SEC.

HEAD ANALYSIS - COMPOSITE RAW COAL

	AIR DRIED	DRY BASIS	D.M.M.F.
MOISTURE	.53		
ASH	27.66	27.81	
VOLATILE	15.49	15.57	18.93
F.C.	56.32	56.62	81.07
F.S.I.	2.5		
SULPHUR	.35		
SP.GR. (-3/8 MESH)	1.39		
PHOSPHORUS	.026		
HARDGROVE	76		

DRILL HOLE #:BD7809 SEAM: 3

DRILL HOLE #:BD7809 SEAM: 3

FLUIDITY		DILATATION	
START TEMP.	******	SOFT.TEMP.	******
FINAL TEMP.	******	SOLID.TEMP.	******
MAX.FLUIDITY TEMP.	******	MAX.CONTRACTION	******
MAX.FLUIDITY(DDPM)	******	MAX.DILATATION	******
MAX.FLUIDITY(LOG)	******	G.FACTOR	******
LAB	1YX		1YX

1.5 FLOAT/SINK ANALYSIS OF SEAM COMPONENTS

COMPONENT NO. B-68 INTERVAL 115.10-118.50

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	53.40	7.00	.62	16.59	75.79	.42	3.5
1.5 SINK	46.60	57.58					
TOTAL	100.00	30.57					
DRY BASIS		7.04		16.69	76.26		
D.M.M.F. BASIS		-		17.32	82.68		

COAL ANALYSIS PREPARED BY
GENERAL TESTING LABORATORIES
SIGNED:

PROJECT:BELCOURT AREA:RED DEER
DATE SAMPLED:23/11/78 DATE ANALYSED:21/ 2/79
DRILL HOLE #:BD7810 SEAM: -KGT
LAB COMPOSITE #: 810-28 WT. REC. 4.77
DATA POINT COORDINATES : N 54521.46 E 63480.64
DATA POINT ELEVATION : 1459.01 M

COMPOSITE DESCRIPTION		MINING SECTION
INTERVAL	508.97-510.95	508.97-510.95
THICKNESS	1.98	1.98
DIP	46	46
COAL/COAL+ROCK	1.37/ 1.37	1.37/ 1.37
DRILL CORE RECOVERY	100.00%	100.00 %
ESTIMATED YIELD	******	

GENERAL TESTING LABS

SIMULATED PRODUCT

SIZE	3/8 X 28	28 X 100	100 X 0
CUTPOINT	SP.G. 1.55	SP.G. 1.70	SEC. 225
CONTRIBUTION	41.2	23.3	17.6

	AIR DRIED	DRY BASIS	D.M.M.F.
YIELD	82.13		
MOISTURE	.71		
ASH	7.51	7.56	
VOLATILE	22.29	22.45	23.69
F.C.	69.49	69.99	76.31
SULPHUR	.33		
PHOSPHORUS	.002		
S.P.G.	1.120		
F.S.I.	6.0		
HARDGROVE	******		

HEAD ANALYSIS - COMPOSITE RAW COAL

	AIR DRIED	DRY BASIS	D.M.M.F.
MOISTURE	.59		
ASH	16.01	16.11	
VOLATILE	20.17	20.29	22.90
F.C.	63.23	63.61	77.10
F.S.I.	3.5		
SULPHUR	.31		
SP.GR. (-3/8 MESH)	1.30		
PHOSPHOROUS	.008		
HARDGROVE	80		

DRILL HOLE #:BD7810 SEAM: -KGT

FLOAT SINK ANALYSES

SIZE REL. WEIGHT
3/8 X 28 56.80

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	54.20	4.20	54.20	4.20	45.80	39.68	******	5.5
1.50	11.45	15.72	65.65	6.21	34.35	47.66	******	5.0
1.55	6.90	27.55	72.55	8.24	27.45	52.72	******	4.5
1.60	5.65	35.64	78.20	10.22	21.80	57.15	******	4.5
1.70	6.85	45.61	85.05	13.07	14.95	62.43	******	4.0
1.80	7.30	56.71	92.35	16.52	7.65	67.89	******	2.5
****	7.65	67.89	100.00	20.45	**********		**********	2.0

SIZE REL. WEIGHT
28 X 100 25.57

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	77.55	2.82	77.55	2.82	22.45	37.12	******	7.5
1.50	7.35	17.37	84.90	4.08	15.10	46.73	******	7.5
1.60	4.40	28.84	89.30	5.30	10.70	54.09	******	7.0
1.70	1.80	38.20	91.10	5.95	8.90	57.30	******	7.0
1.80	5.35	49.22	96.45	8.35	3.55	69.47	******	6.5
1.90	.20	61.51	96.65	8.46	3.35	69.95	******	6.0
****	3.35	69.95	100.00	10.52	**********		**********	6.0

FROTH FLOATATION

SIZE REL. WEIGHT
100 X 0 17.63

TIME.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	F.S.I.	CUM FSI
45.	97.13	8.33	97.13	8.33	******	5.0
90.	1.00	63.77	98.13	8.89	******	5.0
135.	.60	74.00	98.73	9.29	******	5.0
180.	.60	79.44	99.33	9.71	******	5.0
225.	.67	83.73	100.00	10.21	******	5.0

DRILL HOLE #:BD7810 SEAM: -KGT

FLUIDITY		DILATATION	
START TEMP.	470.0	SOFT.TEMP.	407.0
FINAL TEMP.	512.0	SOLID.TEMP.	******
MAX.FLUIDITY TEMP.	484.0	MAX.CONTRACTION	24.0
MAX.FLUIDITY(DDPM)	8.0	MAX.DILATATION	******
MAX.FLUIDITY(LOG)	.903	G.FACTOR	******
LAB	GTL	GTL	

1.5 FLOAT/SINK ANALYSIS OF SEAM COMPONENTS

COMPONENT NO. B-71 INTERVAL 508.97-510.95

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	73.00	5.41	.60	22.56	71.43	.32	7.0
1.5 SINK	27.00	42.48					
TOTAL	100.00	15.42					
DRY BASIS		5.44		22.70	71.86		
D.M.M.F. BASIS		-		23.56	76.44		

COAL ANALYSIS PREPARED BY
GENERAL TESTING LABORATORIES
SIGNED:

PROJECT:BELCOURT AREA:RED DEER
DATE SAMPLED:23/11/78 DATE ANALYSED:21/ 2/79
DRILL HOLE #:BD7810 SEAM: 1
LAB COMPOSITE #: B10-29 WT. REC. 25.40
DATA POINT COORDINATES : N 54521.46 E 63480.64
DATA POINT ELEVATION : 1459.01 M

COMPOSITE DESCRIPTION		MINING SECTION
INTERVAL	180.30-191.05	180.30-191.05
THICKNESS	10.75	10.75
DIP	60	60
COAL/COAL+ROCK	5.24/ 5.39	5.24/ 5.39
DRILL CORE RECOVERY	72.00%	72.00 %
ESTIMATED YIELD	******	

GENERAL TESTING LABS

STIMULATED PRODUCT

SIZE	3/8 X 28	28 X 100	100 X 0
CUTPOINT	SP.G. 1.55	SP.G. 1.70	SEC. 225
CONTRIBUTION	42.7	26.0	21.7

	AIR DRIED	DRY BASIS	D.M.M.F.
YIELD	90.40		
MOISTURE	.98		
ASH	6.59	6.66	
VOLATILE	24.00	24.24	25.47
F.C.	68.43	69.11	74.53
SULPHUR	.26		
PHOSPHORUS	.019		
S.P.G.	1.140		
F.S.I.	6.5		
HARDGROVE	******		

HEAD ANALYSIS - COMPOSITE RAW COAL

	AIR DRIED	DRY BASIS	D.M.M.F.
MOISTURE	.52		
ASH	10.17	10.22	
VOLATILE	24.26	24.39	26.43
F.C.	65.05	65.39	73.57
F.S.I.	4.0		
SULPHUR	.24		
SP.GR. (-3/8 MESH)	1.21		
PHOSPHOROUS	.018		
HARDGROVE	95		

DRILL HOLE #:BD7810 SEAM: 1

FLOAT SINK ANALYSES

SIZE REL. WEIGHT
3/8 X 28 51.24

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	72.25	4.70	72.25	4.70	27.75	33.24	******	7.0
1.50	7.90	16.98	80.15	5.91	19.85	39.71	******	7.0
1.55	3.20	19.19	83.35	6.42	16.65	43.66	******	6.5
1.60	4.05	22.39	87.40	7.16	12.60	50.49	******	6.0
1.70	4.65	33.69	92.05	8.50	7.95	60.32	******	5.0
1.80	2.15	48.81	94.20	9.42	5.80	64.59	******	4.0
****	5.80	64.59	100.00	12.62	**********	**********	**********	3.5

SIZE REL. WEIGHT
28 X 100 27.06

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	87.30	3.36	87.30	3.36	12.70	35.96	******	7.5
1.50	3.95	12.14	91.25	3.74	8.75	46.71	******	7.0
1.60	2.70	25.31	93.95	4.36	6.05	56.26	******	6.5
1.70	2.10	38.66	96.05	5.11	3.95	65.62	******	6.0
1.80	.70	50.72	96.75	5.44	3.25	68.83	******	6.0
1.90	.35	60.93	97.10	5.64	2.90	69.78	******	6.0
****	2.90	69.78	100.00	7.50	**********	**********	**********	5.5

FROTH FLOATATION

SIZE REL. WEIGHT
100 X 0 21.70

TIME.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	F.S.I.	CUM FSI
45.	96.63	5.71	96.63	5.71	******	4.5
90.	1.27	62.47	97.90	6.45	******	4.5
135.	.67	73.56	98.57	6.90	******	4.5
180.	.50	76.22	99.07	7.25	******	4.5
225.	.93	81.45	100.00	7.94	******	4.5

DRILL HOLE #:BD7810 SEAM: 1

FLUIDITY		DILATATION	
START TEMP.	457.0	SOFT.TEMP.	407.0
FINAL TEMP.	500.0	SOLID.TEMP.	******
MAX.FLUIDITY TEMP.	472.0	MAX.CONTRACTION	26.0
MAX.FLUIDITY(DDPM)	3.0	MAX.DILATATION	******
MAX.FLUIDITY(LOG)	.477	G.FACTOR	******
LAB	GTL	GTL	

1.5 FLOAT/SINK ANALYSIS OF SEAM COMPONENTS

COMPONENT NO. B-72 INTERVAL 180.30-191.05

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	81.50	5.23	.89	23.89	69.99	.24	7.5
1.5 SINK	18.50	33.01					
TOTAL	100.00	10.37					
DRY BASIS		5.28		24.10	70.62		
D.M.M.F. BASIS		-		25.05	74.95		

COAL ANALYSIS PREPARED BY
GENERAL TESTING LABORATORIES
SIGNED:

PROJECT:BELCOURT AREA:RED DEER
DATE SAMPLED:23/11/78 DATE ANALYSED:21/ 2/79
DRILL HOLE #:BD7810 SEAM: 3
LAB COMPOSITE #: B10-30 WT. REC. 11.60
DATA POINT COORDINATES : N 54521.46 E 63480.64
DATA POINT ELEVATION : 1459.01 M

COMPOSITE DESCRIPTION		MINING SECTION
INTERVAL	111.25-117.00	111.25-117.00
THICKNESS	5.75	5.75
DIP	54	54
COAL/COAL+ROCK	3.24/ 3.37	3.24/ 3.37
DRILL CORE RECOVERY	59.10%	59.10 %
ESTIMATED YIELD	******	

GENERAL TESTING LABS

SIMULATED PRODUCT SIZE	3/8 X 28	28 X 100	100 X 0
CUTPOINT	SP.G. 1.55	SP.G. 1.70	SEC. 225
CONTRIBUTION	40.3	28.6	22.1

	AIR DRIED	DRY BASIS	D.M.M.F.
YIELD	91.00		
MOISTURE	1.19		
ASH	6.57	6.65	
VOLATILE	25.43	25.74	27.07
F.C.	66.81	67.61	72.93
SULPHUR	.29		
PHOSPHORUS	.054		
S.P.G.	1.120		
F.S.I.	6.0		
HARDGROVE	******		

HEAD ANALYSIS - COMPOSITE RAW COAL

	AIR DRIED	DRY BASIS	D.M.M.F.
MOISTURE	.59		
ASH	11.19	11.26	
VOLATILE	24.89	25.04	27.41
F.C.	63.33	63.71	72.59
F.S.I.	3.5		
SULPHUR	.25		
SP.GR. (-3/8 MESH)	1.24		
PHOSPHOROUS	.052		
HARDGROVE	95		

DRILL HOLE #:BD7810 SEAM: 3

FLOAT SINK ANALYSES

SIZE REL. WEIGHT
3/8 X 28 47.92

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	74.10	4.68	74.10	4.68	25.90	40.55	******	5.5
1.50	8.40	20.30	82.50	6.27	17.50	50.27	******	5.0
1.55	1.60	25.19	84.10	6.63	15.90	52.79	******	5.0
1.60	3.65	28.51	87.75	7.54	12.25	60.03	******	5.0
1.70	.20	38.32	87.95	7.61	12.05	60.39	******	5.0
1.80	3.05	48.78	91.00	8.99	9.00	64.32	******	4.0
****	9.00	64.32	100.00	13.97	**********			3.0

SIZE REL. WEIGHT
28 X 100 29.99

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	86.05	3.69	86.05	3.69	13.95	37.45	******	7.5
1.50	5.20	12.46	91.25	4.19	8.75	52.30	******	7.0
1.60	2.90	25.29	94.15	4.84	5.85	65.70	******	6.5
1.70	1.25	39.18	95.40	5.29	4.60	72.90	******	6.5
1.80	.25	55.03	95.65	5.42	4.35	73.93	******	6.0
1.90	.60	63.17	96.25	5.78	3.75	75.65	******	6.0
****	3.75	75.65	100.00	8.40	**********			5.5

FROTH FLOATATION

SIZE REL. WEIGHT
100 X 0 22.09

TIME.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	F.S.I.	CUM FSI
45.	95.84	6.66	95.84	6.66	******	5.0
90.	1.40	59.27	97.24	7.42	******	5.0
135.	1.00	69.11	98.24	8.05	******	5.0
180.	.73	74.54	98.97	8.54	******	5.0
225.	1.03	79.67	100.00	9.27	******	5.0

DRILL HOLE #:BD7810 SEAM: 3

FLUIDITY		DILATATION	
START TEMP.	438.0	SOFT.TEMP.	407.0
FINAL TEMP.	497.0	SOLID.TEMP.	******
MAX.FLUIDITY TEMP.	464.0	MAX.CONTRACTION	27.0
MAX.FLUIDITY(DDPM)	3.0	MAX.DILATATION	******
MAX.FLUIDITY(LOG)	.477	G.FACTOR	******
LAB	GTL	GTL	

1.5 FLOAT/SINK ANALYSIS OF SEAM COMPONENTS

COMPONENT NO. B-74 INTERVAL 111.25-117.00

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	80.30	4.83	1.08	25.07	69.02	.27	7.5
1.5 SINK	19.70	81.84					
TOTAL	100.00	20.00					
DRY BASIS		4.88		25.34	69.77		
D.M.M.F. BASIS		-		26.27	73.73		

COAL ANALYSIS PREPARED BY
GENERAL TESTING LABORATORIES
SIGNED:

PROJECT:BELCOURT AREA:RED DEER
DATE SAMPLED:23/11/78 DATE ANALYSED:21/ 2/79
DRILL HOLE #:BD7810 SEAM: 2
LAB COMPOSITE #: B10-31 WT. REC. 22.70
DATA POINT COORDINATES : N 54521.46 E 63480.64
DATA POINT ELEVATION : 1459.01 M

COMPOSITE DESCRIPTION		MINING SECTION
INTERVAL	122.00-129.75	122.00-129.75
THICKNESS	7.75	7.75
DIP	65	65
COAL/COAL+ROCK	3.29/ 3.29	3.29/ 3.29
DRILL CORE RECOVERY	96.00%	96.00 %
ESTIMATED YIELD	******	

GENERAL TESTING LABS

SIMULATED PRODUCT

SIZE	3/8 X 28	28 X 100	100 X 0
CUTPOINT	SP.G. 1.55	SP.G. 1.70	SEC. 225
CONTRIBUTION	49.0	28.8	20.4

	AIR DRIED	DRY BASIS	D.M.M.F.
YIELD	98.06		
MOISTURE	1.47		
ASH	5.09	5.17	
VOLATILE	23.43	23.78	24.64
F.C.	70.01	71.05	75.36
SULPHUR	.38		
PHOSPHORUS	.016		
S.P.G.	1.100		
F.S.I.	6.5		
HARDGROVE	******		

HEAD ANALYSIS - COMPOSITE RAW COAL

	AIR DRIED	DRY BASIS	D.M.M.F.
MOISTURE	.61		
ASH	6.31	6.35	
VOLATILE	23.49	23.63	24.73
F.C.	69.59	70.02	75.27
F.S.I.	5.0		
SULPHUR	.34		
SP.GR. (-3/8 MESH)	1.10		
PHOSPHORUS	.014		
HARDGROVE	88		

DRILL HOLE #:BD7810 SEAM: 2

FLOAT SINK ANALYSES

SIZE	REL. WEIGHT
3/8 X 28	50.44

			CUM. FLOATS		CUM. SINKS			CUM
SP.G.	WT%	ASH%	WT%	ASH%	WT%	ASH%	F.S.I.	FSI
1.40	88.40	5.22	88.40	5.22	11.60	22.03	******	6.5
1.50	6.10	6.46	94.50	5.30	5.50	39.30	******	6.5
1.55	2.60	16.88	97.10	5.61	2.90	59.40	******	5.5
1.60	.15	25.06	97.25	5.64	2.75	61.28	******	4.5
1.70	.85	40.26	98.10	5.94	1.90	70.68	******	4.0
1.80	.45	56.31	98.55	6.17	1.45	75.14	******	3.5
****	1.45	75.14	100.00	7.17	**********			2.5

SIZE	REL. WEIGHT
28 X 100	29.18

			CUM. FLOATS		CUM. SINKS			CUM
SP.G.	WT%	ASH%	WT%	ASH%	WT%	ASH%	F.S.I.	FSI
1.40	94.30	3.71	94.30	3.71	5.70	30.20	******	7.0
1.50	3.35	12.45	97.65	4.01	2.35	55.50	******	6.5
1.60	.30	26.87	97.95	4.08	2.05	59.69	******	6.0
1.70	.70	42.13	98.65	4.35	1.35	68.79	******	5.5
1.80	.10	53.73	98.75	4.40	1.25	70.00	******	5.5
1.90	1.00	68.24	99.75	5.04	.25	77.04	******	5.5
****	.25	77.04	100.00	5.22	**********			5.0

FROTH FLOATATION

SIZE	REL. WEIGHT
100 X 0	20.38

			CUM. FLOATS			CUM
TIME.	WT%	ASH%	WT%	ASH%	F.S.I.	FSI
45.	96.09	3.97	96.09	3.97	******	6.0
90.	1.73	31.57	97.82	4.46	******	6.0
135.	.76	60.88	98.58	4.89	******	6.0
180.	.56	73.45	99.14	5.28	******	6.0
225.	.86	78.80	100.00	5.91	******	6.0

DRILL HOLE #:307810 SEAM: 2

FLUIDITY		DILATATION	
START TEMP.	458.0	SOFT.TEMP.	410.0
FINAL TEMP.	513.0	SOLID.TEMP.	******
MAX.FLUIDITY TEMP.	478.0	MAX.CONTRACTION	26.0
MAX.FLUIDITY(DDPM)	4.0	MAX.DILATATION	******
MAX.FLUIDITY(LOG)	.602	G.FACTOR	******
LAB	GTL	GTL	

1.5 FLOAT/SINK ANALYSIS OF SEAM COMPONENTS

COMPONENT NO. 8-76 INTERVAL 122.00-129.75

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	88.80	4.19	.89	23.83	71.09	.34	7.0
1.5 SINK	11.20	23.03					
TOTAL	100.00	6.30					
DRY BASIS		4.23		24.04	71.73		
D.M.M.F. BASIS		-		24.75	75.25		

COAL ANALYSIS PREPARED BY
GENERAL TESTING LABORATORIES
SIGNED:

PROJECT:BELCOURT AREA:RED DEER
DATE SAMPLED:30/11/78 DATE ANALYSED:21/ 2/79
DRILL HOLE #:BD7812 SEAM: 1
LAB COMPOSITE #: 810-32 WT. REC. 16.00
DATA POINT COORDINATES : N 57590.33 E 59712.41
DATA POINT ELEVATION : 1322.96 M

COMPOSITE DESCRIPTION		MINING SECTION
INTERVAL	307.33-315.70	307.33-315.70
THICKNESS	8.37	8.37
DIP	35	35
COAL/COAL+ROCK	6.06/ 6.86	6.06/ 6.86
DRILL CORE RECOVERY	56.60%	56.60 %
ESTIMATED YIELD	******	

GENERAL TESTING LABS

SIMULATED PRODUCT SIZE	3/8 X 28	28 X 100	100 X 0
CUTPOINT	SP.G. 1.55	SP.G. 1.70	SEC. 45
CONTRIBUTION	29.5	22.5	17.7

	AIR DRIED	DRY BASIS	D.M.M.F.
YIELD	69.67		
MOISTURE	1.31		
ASH	7.93	8.04	
VOLATILE	28.75	29.13	31.14
F.C.	62.01	62.83	68.86
SULPHUR	.24		
PHOSPHORUS	.031		
S.P.G.	1.130		
F.S.I.	6.5		
HARDGROVE	******		

HEAD ANALYSIS - COMPOSITE RAW COAL

	AIR DRIED	DRY BASIS	D.M.M.F.
MOISTURE	.58		
ASH	27.84	28.00	
VOLATILE	22.72	22.85	29.48
F.C.	48.86	49.15	70.52
F.S.I.	3.0		
SULPHUR	.21		
SP.GR. (-3/8 MESH)	1.29		
PHOSPHORUS	.018		
HARDGROVE	80		

DRILL HOLE #:BD7812 SEAM: 1

FLOAT SINK ANALYSES

SIZE REL. WEIGHT
3/8 X 28 54.68

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	43.05	5.67	43.05	5.67	56.95	60.22	******	6.0
1.50	8.35	14.16	51.40	7.05	48.60	68.14	******	5.0
1.55	2.60	20.34	54.00	7.69	46.00	70.84	******	4.5
1.60	3.00	28.97	57.00	8.81	43.00	73.76	******	4.5
1.70	1.85	37.12	58.85	9.70	41.15	75.41	******	4.5
1.80	2.90	52.29	61.75	11.70	38.25	77.16	******	3.5
****	38.25	77.16	100.00	36.74	**********		**********	1.0

SIZE REL. WEIGHT
28 X 100 26.02

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	73.50	4.34	73.50	4.34	26.50	58.30	******	7.5
1.50	9.00	28.17	82.50	6.94	17.50	73.80	******	7.0
1.60	2.95	44.02	85.45	8.22	14.55	79.84	******	6.5
1.70	.90	56.19	86.35	8.72	13.65	81.40	******	6.0
1.80	.85	71.30	87.20	9.33	12.80	82.07	******	5.5
1.90	7.50	80.67	94.70	14.98	5.30	84.04	******	5.0
****	5.30	84.04	100.00	18.64	**********		**********	5.0

FROTH FLOATATION

SIZE REL. WEIGHT
100 X 0 19.30

TIME.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	F.S.I.	CUM FSI
45.	91.57	9.86	91.57	9.86	******	5.5
90.	3.13	71.71	94.70	11.90	******	5.5
135.	1.67	81.92	96.37	13.12	******	5.0
180.	1.20	86.75	97.57	14.02	******	5.0
225.	2.43	89.42	100.00	15.86	******	5.0

DRILL HOLE #:BD7812 SEAM: 1

FLUIDITY		DILATATION	
START TEMP.	443.0	SOFT.TEMP.	389.0
FINAL TEMP.	501.0	SOLID.TEMP.	470.0
MAX.FLUIDITY TEMP.	470.0	MAX.CONTRACTION	27.0
MAX.FLUIDITY(DDPM)	16.0	MAX.DILATATION	3.0
MAX.FLUIDITY(LOG)	1.204	G.FACTOR	.930
LAB	GTL	GTL	

1.5 FLOAT/SINK ANALYSIS OF SEAM COMPONENTS

COMPONENT NO. 77 INTERVAL 307.33-309.03

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	26.50	4.77	1.02	26.19	68.02	.38	8.5
1.5 SINK	73.50	76.82					
TOTAL	100.00	57.73					
DRY BASIS		4.82		26.46	68.72		
D.M.M.F. BASIS		-		27.41	72.59		

COMPONENT NO. 78 INTERVAL 309.03-315.70

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	82.00	6.32	.92	26.21	66.55	.20	7.0
1.5 SINK	18.00	27.54					
TOTAL	100.00	10.14					
DRY BASIS		6.38		26.45	67.17		
D.M.M.F. BASIS		-		27.81	72.19		

COAL ANALYSIS PREPARED BY
GENERAL TESTING LABORATORIES
SIGNED:

PROJECT:BELCOURT AREA:RED DEER
DATE SAMPLED:30/11/78 DATE ANALYSED:21/ 2/79
DRILL HOLE #:BD7812 SEAM: 2
LAB COMPOSITE #: B10-33 WT. REC. 10.46
DATA POINT COORDINATES : N 57290.33 E 59712.41
DATA POINT ELEVATION : 1322.96 M

COMPOSITE DESCRIPTION		MINING SECTION
INTERVAL	272.87-277.10	272.87-277.10
THICKNESS	4.23	4.23
DIP	45	45
COAL/COAL+ROCK	2.98/ 2.98	2.98/ 2.98
DRILL CORE RECOVERY	78.00%	0. %
ESTIMATED YIELD	******	

GENERAL TESTING LABS

STIMULATED PRODUCT

SIZE	3/8 X 28	28 X 100	100 X 0
CUTPOINT	SP.G. 1.55	SP.G. 1.70	SEC. 225
CONTRIBUTION	54.8	29.2	11.1

	AIR DRIED	DRY BASIS	D.M.M.F.
YIELD	95.15		
MOISTURE	.82		
ASH	5.54	5.59	
VOLATILE	26.80	27.02	28.20
F.C.	66.84	67.39	71.80
SULPHUR	.31		
PHOSPHORUS	.090		
S.P.G.	1.080		
F.S.I.	5.5		
HARDGROVE	******		

HEAD ANALYSIS - COMPOSITE RAW COAL

	AIR DRIED	DRY BASIS	D.M.M.F.
MOISTURE	.45		
ASH	7.15	7.18	
VOLATILE	27.60	27.72	29.36
F.C.	64.80	65.09	70.64
F.S.I.	4.0		
SULPHUR	.30		
SP.GR. (-3/8 MESH)	1.23		
PHOSPHORUS	.084		
HARDGROVE	75		

DRILL HOLE #:BD7812 SEAM: 2

FLOAT SINK ANALYSES

SIZE REL. WEIGHT
3/8 X 28 59.36

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	86.35	5.44	86.35	5.44	13.65	24.34	******	5.5
1.50	5.75	15.21	92.10	6.05	7.90	30.99	******	5.0
1.55	.20	19.90	92.30	6.08	7.70	31.28	******	4.5
1.60	2.85	24.11	95.15	6.62	4.85	35.49	******	4.0
1.70	2.75	30.12	97.90	7.28	2.10	42.52	******	3.5
1.80	.10	36.68	98.00	7.31	2.00	42.81	******	3.0
****	2.00	42.81	100.00	8.02	**********	**********	**********	3.0

SIZE REL. WEIGHT
28 X 100 29.50

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	91.55	3.35	91.55	3.35	8.45	28.20	******	7.0
1.50	4.80	20.81	96.35	4.22	3.65	37.92	******	6.5
1.60	.15	23.52	96.50	4.25	3.50	38.53	******	6.5
1.70	2.55	31.05	99.05	4.94	.95	58.62	******	5.5
1.80	.10	44.60	99.15	4.98	.85	60.27	******	5.5
1.90	.10	54.61	99.25	5.03	.75	61.03	******	5.5
****	.75	61.03	100.00	5.45	**********	**********	**********	5.5

FROTH FLOATATION

SIZE REL. WEIGHT
100 X 0 11.14

TIME.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	F.S.I.	CUM FSI
45.	96.99	5.58	96.99	5.58	******	5.5
90.	1.57	51.06	98.56	6.30	******	5.5
135.	.70	62.98	99.26	6.70	******	5.5
180.	.37	68.71	99.63	6.93	******	5.5
225.	.37	76.78	100.00	7.19	******	5.5

DRILL HOLE #:BD7812 SEAM: 2

FLUIDITY		DILATATION	
START TEMP.	424.0	SOFT.TEMP.	386.0
FINAL TEMP.	498.0	SOLID.TEMP.	470.0
MAX.FLUIDITY TEMP.	469.0	MAX.CONTRACTION	25.0
MAX.FLUIDITY(DDPM)	23.0	MAX.DILATATION	13.0
MAX.FLUIDITY(LOG)	1.362	G.FACTOR	.970
LAB	GTL	GTL	

1.5 FLOAT/SINK ANALYSIS OF SEAM COMPONENTS

COMPONENT NO. B-79 INTERVAL 272.88-277.10

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	92.20	5.01	.66	26.77	67.56	.29	6.0
1.5 SINK	7.80	22.19					
TOTAL	100.00	6.35					
DRY BASIS		5.04		26.95	68.01		
D.M.M.F. BASIS		-		28.00	72.00		

COAL ANALYSIS PREPARED BY
GENERAL TESTING LABORATORIES
SIGNED:

PROJECT:BELCOURT AREA:RED DEER
DATE SAMPLED:30/11/78 DATE ANALYSED:21/ 2/79
DRILL HOLE #:BD7812 SEAM: 6
LAB COMPOSITE #: B10-34 WT. REC. 10.35
DATA POINT COORDINATES : N 57590.33 E 59712.41
DATA POINT ELEVATION : 1322.96 M

COMPOSITE DESCRIPTION		MINING SECTION
INTERVAL	178.54-182.50	178.54-182.50
THICKNESS	3.96	3.96
DIP	40	40
COAL/COAL+ROCK	1.74/ 3.04	1.74/ 3.04
DRILL CORE RECOVERY	69.70%	69.70 %
ESTIMATED YIELD	******	

GENERAL TESTING LABS

SIMULATED PRODUCT SIZE	3/8 X 28	28 X 100	100 X 0
CUTPOINT	SP.G. 1.55	SP.G. 1.70	SEC. 45
CONTRIBUTION	24.4	16.1	7.9

	AIR DRIED	DRY BASIS	D.M.M.F.
YIELD	48.36		
MOISTURE	.85		
ASH	11.10	11.20	
VOLATILE	26.24	26.46	28.98
F.C.	61.81	62.34	71.02
SULPHUR	.37		
PHOSPHORUS	.085		
S.P.G.	1.240		
F.S.I.	5.5		
HARDGROVE	******		

HEAD ANALYSIS - COMPOSITE RAW COAL

	AIR DRIED	DRY BASIS	D.M.M.F.
MOISTURE	.57		
ASH	42.26	42.50	
VOLATILE	19.75	19.86	30.33
F.C.	37.42	37.63	69.67
F.S.I.	2.5		
SULPHUR	.24		
SP.GR. (-3/8 MESH)	1.58		
PHOSPHOROUS	.046		
HARDGROVE	93		

DRILL HOLE #:BD7812 SEAM: 6

FLOAT SINK ANALYSES

SIZE REL. WEIGHT
3/8 x 28 70.91

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	26.75	8.80	26.75	8.80	73.25	64.18	******	6.0
1.50	6.50	23.58	33.25	11.69	66.75	68.13	******	5.5
1.55	1.10	27.30	34.35	12.19	65.65	68.81	******	5.5
1.60	2.25	30.90	36.60	13.34	63.40	70.16	******	5.5
1.70	5.20	40.67	41.80	16.74	58.20	72.79	******	5.0
1.80	2.55	56.92	44.35	19.05	55.65	73.52	******	5.0
****	55.65	73.52	100.00	49.36	**********		**********	1.5

SIZE REL. WEIGHT
28 x 100 19.97

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	46.25	5.20	46.25	5.20	53.75	44.86	******	6.0
1.50	10.25	15.18	56.50	7.01	43.50	51.86	******	5.5
1.60	9.75	39.15	66.25	11.74	33.75	55.53	******	5.0
1.70	14.20	51.68	80.45	18.79	19.55	58.33	******	5.0
1.80	3.30	49.50	83.75	20.00	16.25	60.12	******	5.0
1.90	11.70	53.77	95.45	24.14	4.55	76.45	******	4.5
****	4.55	76.45	100.00	26.52	**********		**********	4.0

FROTH FLOATATION

SIZE REL. WEIGHT
100 x 0 9.12

TIME.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	F.S.I.	CUM FSI
45.	86.91	16.47	86.91	16.47	******	4.5
90.	7.92	69.63	94.83	20.91	******	4.0
135.	2.17	80.41	97.00	22.24	******	4.0
180.	1.20	83.12	98.20	22.98	******	4.0
225.	1.80	86.18	100.00	24.12	******	4.0

DRILL HOLE #:BD7812 SEAM: 6

FLUIDITY		DILATATION	
START TEMP.	434.0	SOFT.TEMP.	380.0
FINAL TEMP.	498.0	SOLID.TEMP.	467.0
MAX.FLUIDITY TEMP.	466.0	MAX.CONTRACTION	27.0
MAX.FLUIDITY(DDPM)	7.0	MAX.DILATATION	31.0
MAX.FLUIDITY(LOG)	.845	G.FACTOR	1.007
LAB	GTL	GTL	

1.5 FLOAT/SINK ANALYSIS OF SEAM COMPONENTS

COMPONENT NO. B-80 INTERVAL 178.54-182.50

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	38.80	8.62	.86	27.37	63.15	.39	5.5
1.5 SINK	61.20	65.01					
TOTAL	100.00	43.13					
DRY BASIS		8.69		27.61	63.70		
D.M.M.F. BASIS		-		29.60	70.40		

COAL ANALYSIS PREPARED BY
GENERAL TESTING LABORATORIES
SIGNED:

PROJECT:BELCOURT AREA:RED DEER
DATE SAMPLED:30/11/78 DATE ANALYSED:21/ 2/79
DRILL HOLE #:BD7812 SEAM: 6
LAB COMPOSITE #: 810-35 WT. REC. 6.43
DATA POINT COORDINATES : N 57590.33 E 59712.41
DATA POINT ELEVATION : 1322.96 M

COMPOSITE DESCRIPTION		MINING SECTION
INTERVAL	164.20-166.50	164.20-166.50
THICKNESS	2.30	2.30
DIP	45	45
COAL/COAL+ROCK	1.61/ 1.63	1.61/ 1.63
DRILL CORE RECOVERY	92.60%	92.60 %
ESTIMATED YIELD	******	

GENERAL TESTING LABS

SIMULATED PRODUCT

SIZE	3/8 X 28	28 X 100	100 X 0
CUTPOINT	SP.G. 1.55	SP.G. 1.70	SEC. 225
CONTRIBUTION	74.4	13.8	5.5

	AIR DRIED	DRY BASIS	D.M.M.F.
YIELD	93.80		
MOISTURE	1.16		
ASH	5.37	5.43	
VOLATILE	27.39	27.71	28.81
F.C.	66.08	66.86	71.19
SULPHUR	.63		
PHOSPHORUS	.077		
S.P.G.	1.100		
F.S.I.	6.5		
HARDGROVE	******		

HEAD ANALYSIS - COMPOSITE RAW COAL

	AIR DRIED	DRY BASIS	D.M.M.F.
MOISTURE	.39		
ASH	10.77	10.81	
VOLATILE	27.33	27.44	29.92
F.C.	61.51	61.75	70.08
F.S.I.	5.5		
SULPHUR	.63		
SP.GR. (-3/8 MESH)	1.28		
PHOSPHOROUS	.088		
HARDGROVE	60		

DRILL HOLE #:BD7812 SEAM: 6

FLOAT SINK ANALYSES

SIZE REL. WEIGHT
3/8 X 28 80.25

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	86.75	5.78	86.75	5.78	13.25	49.40	******	7.0
1.50	4.75	7.13	91.50	5.85	8.50	73.03	******	6.5
1.55	1.25	12.53	92.75	5.94	7.25	83.46	******	5.5
1.60	.05	24.50	92.80	5.95	7.20	83.86	******	5.5
1.70	.50	54.47	93.30	6.21	6.70	86.06	******	5.5
1.80	.85	77.10	94.15	6.85	5.85	87.36	******	4.5
****	5.85	87.36	100.00	11.56	**********	**********	**********	3.5

SIZE REL. WEIGHT
28 X 100 14.21

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	91.50	4.78	91.50	4.78	8.50	41.02	******	7.5
1.50	4.75	23.83	96.25	5.72	3.75	62.79	******	7.5
1.60	.25	32.74	96.50	5.79	3.50	64.94	******	7.0
1.70	.80	45.93	97.30	6.12	2.70	70.57	******	7.0
1.80	.60	59.97	97.90	6.45	2.10	73.60	******	7.0
1.90	.50	69.43	98.40	6.77	1.60	74.90	******	6.0
****	1.60	74.90	100.00	7.86	**********	**********	**********	6.0

FROTH FLOATATION

SIZE REL. WEIGHT
100 X 0 5.54

TIME.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	F.S.I.	CUM FSI
45.	96.21	5.20	96.21	5.20	******	7.5
90.	1.82	42.18	98.03	5.89	******	7.5
135.	.63	72.80	98.66	6.31	******	7.5
180.	.57	78.16	99.23	6.73	******	7.5
225.	.77	85.17	100.00	7.33	******	7.0

DRILL HOLE #:BD7812 SEAM: 6

FLUIDITY		DILATATION	
START TEMP.	400.0	SOFT.TEMP.	383.0
FINAL TEMP.	491.0	SOLID.TEMP.	464.0
MAX.FLUIDITY TEMP.	459.0	MAX.CONTRACTION	27.0
MAX.FLUIDITY(DDPM)	53.0	MAX.DILATATION	37.0
MAX.FLUIDITY(LOG)	1.724	G.FACTOR	1.015
LAB	GTL	GTL	

1.5 FLOAT/SINK ANALYSIS OF SEAM COMPONENTS

COMPONENT NO. B-81 INTERVAL 164.20-166.50

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	88.00	5.12	.94	27.83	66.11	.51	7.5
1.5 SINK	12.00	51.37					
TOTAL	100.00	10.67					
DRY BASIS		5.17		28.09	66.74		
D.M.M.F. BASIS		-		29.19	70.81		

COAL ANALYSIS PREPARED BY
GENERAL TESTING LABORATORIES
SIGNED:

PROJECT:BELCOURT AREA:HOLTSLANDER
DATE SAMPLED:30/10/78 DATE ANALYSED:27/ 2/79
DRILL HOLE #:BD7814 SEAM: 1
LAB COMPOSITE #: B10-36 WT. REC. 7.52
DATA POINT COORDINATES : N 44766.41 E 74703.88
DATA POINT ELEVATION : 1286.92 M

COMPOSITE DESCRIPTION		MINING SECTION
INTERVAL	264.52-267.60	264.52-267.60
THICKNESS	3.08	3.08
DIP	6	6
COAL/COAL+ROCK	2.63/ 3.06	2.63/ 3.06
DRILL CORE RECOVERY	67.20%	67.20 %
ESTIMATED YIELD	******	

GENERAL TESTING LABS

SIMULATED PRODUCT

SIZE	3/8 X 28	28 X 100	100 X 0
CUTPOINT	SP.G. 1.55	SP.G. 1.70	SEC. 90
CONTRIBUTION	54.4	14.6	6.6

	AIR DRIED	DRY BASIS	D.M.M.F.
YIELD	75.57		
MOISTURE	.75		
ASH	8.07	8.13	
VOLATILE	24.04	24.22	25.73
F.C.	67.14	67.65	74.27
SULPHUR	.39		
PHOSPHORUS	.057		
S.P.G.	1.140		
F.S.I.	6.0		
HARDGROVE	******		

HEAD ANALYSIS - COMPOSITE RAW COAL

	AIR DRIED	DRY BASIS	D.M.M.F.
MOISTURE	.48		
ASH	23.83	23.94	
VOLATILE	21.31	21.41	26.17
F.C.	54.38	54.64	73.83
F.S.I.	5.0		
SULPHUR	.37		
SP.GR. (-3/8 MESH)	1.35		
PHOSPHOROUS	.051		
HARDGROVE	77		

DRILL HOLE #:BD7814 SEAM: 1

FLOAT SINK ANALYSES

SIZE REL. WEIGHT
3/8 X 28 77.44

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	63.20	7.19	63.20	7.19	36.80	60.45	******	6.0
1.50	6.65	22.53	69.85	8.65	30.15	68.82	******	5.5
1.55	.40	27.97	70.25	8.76	29.75	69.37	******	5.5
1.60	1.95	30.98	72.20	9.36	27.80	72.06	******	5.0
1.70	3.90	40.39	76.10	10.95	23.90	77.23	******	5.0
1.80	1.20	52.82	77.30	11.60	22.70	78.52	******	5.0
****	22.70	78.52	100.00	26.79	**********		**********	4.0

SIZE REL. WEIGHT
28 X 100 15.65

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	76.00	5.01	76.00	5.01	24.00	41.76	******	8.0
1.50	7.60	24.15	83.60	6.75	16.40	49.92	******	7.5
1.60	9.25	35.86	92.85	9.65	7.15	68.11	******	7.0
1.70	.30	43.81	93.15	9.76	6.85	69.18	******	7.0
1.80	4.05	64.48	97.20	12.04	2.80	75.97	******	6.0
1.90	1.65	72.55	98.85	13.05	1.15	80.88	******	6.0
****	1.15	80.88	100.00	13.83	**********		**********	6.0

FROTH FLOATATION

SIZE REL. WEIGHT
100 X 0 7.11

TIME.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	F.S.I.	CUM FSI
45.	89.36	8.90	89.36	8.90	******	5.0
90.	3.35	50.73	92.71	10.41	******	5.0
135.	2.61	68.30	95.32	12.00	******	4.5
180.	1.94	79.28	97.26	13.34	******	4.5
225.	2.74	86.34	100.00	15.34	******	4.5

DRILL HOLE #:BD7814 SEAM: 1

FLUIDITY		DILATATION	
START TEMP.	434.0	SOFT.TEMP.	380.0
FINAL TEMP.	501.0	SOLID.TEMP.	463.0
MAX.FLUIDITY TEMP.	470.0	MAX.CONTRACTION	23.0
MAX.FLUIDITY(DDPM)	124.0	MAX.DILATATION	26.0
MAX.FLUIDITY(LOG)	2.093	G.FACTOR	1.006
LAB	GTL	GTL	

1.5 FLOAT/SINK ANALYSIS OF SEAM COMPONENTS

COMPONENT NO. B-84 INTERVAL 264.52-267.60

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	67.00	7.22	.62	24.54	67.62	.38	7.0
1.5 SINK	33.00	57.37					
TOTAL	100.00	23.77					
DRY BASIS		7.27		24.69	68.04		
D.M.M.F. BASIS		-		26.06	73.94		

COAL ANALYSIS PREPARED BY
GENERAL TESTING LABORATORIES
SIGNED:

PROJECT:BELCOURT AREA:HOLTSLANDER
DATE SAMPLED:30/10/78 DATE ANALYSED:27/ 2/79
DRILL HOLE #:BD7814 SEAM: 2
LAB COMPOSITE #: B10-37 WT. REC. 4.62
DATA POINT COORDINATES : N 44766.41 E 74703.88
DATA POINT ELEVATION : 1286.92 M

COMPOSITE DESCRIPTION		MINING SECTION
INTERVAL	232.06-233.40	232.06-233.40
THICKNESS	1.34	1.34
DIP	2	2
COAL/COAL+ROCK	1.08/ 1.34	1.08/ 1.34
DRILL CORE RECOVERY	84.30%	84.30 %
ESTIMATED YIELD	******	

GENERAL TESTING LABS

SIMULATED PRODUCT

SIZE	3/8 X 28	28 X 100	100 X 0
CUTPOINT	SP.G. 1.55	SP.G. 1.70	SEC. 90
CONTRIBUTION	34.8	18.2	9.4

	AIR DRIED	DRY BASIS	D.M.M.F.
YIELD	62.32		
MOISTURE	.95		
ASH	8.01	8.09	
VOLATILE	23.98	24.21	25.68
F.C.	67.06	67.70	74.32
SULPHUR	.49		
PHOSPHORUS	.026		
S.P.G.	1.130		
F.S.I.	8.0		
HARDGROVE	******		

HEAD ANALYSIS - COMPOSITE RAW COAL

	AIR DRIED	DRY BASIS	D.M.M.F.
MOISTURE	.67		
ASH	33.05	33.27	
VOLATILE	18.54	18.67	24.85
F.C.	47.74	48.06	75.15
F.S.I.	6.0		
SULPHUR	.31		
SP.GR. (-3/8 MESH)	1.40		
PHOSPHOROUS	.026		
HARDGROVE	80		

DRILL HOLE #:BD7814 SEAM: 2

FLOAT SINK ANALYSES

SIZE	REL. WEIGHT
3/8 X 28	65.48

			CUM. FLOATS		CUM. SINKS			CUM
SP.G.	WT%	ASH%	WT%	ASH%	WT%	ASH%	F.S.I.	FSI
1.40	43.55	6.58	43.55	6.58	56.45	62.17	******	8.5
1.50	6.55	13.62	50.10	7.50	49.90	68.54	******	8.5
1.55	3.05	20.92	53.15	8.27	46.85	71.64	******	8.0
1.60	1.65	27.87	54.80	8.86	45.20	73.24	******	8.0
1.70	3.55	45.84	58.35	11.11	41.65	75.57	******	8.0
1.80	3.55	60.28	61.90	13.93	38.10	77.00	******	8.0
****	38.10	77.00	100.00	37.96	**********			8.0

SIZE	REL. WEIGHT
28 X 100	22.38

			CUM. FLOATS		CUM. SINKS			CUM
SP.G.	WT%	ASH%	WT%	ASH%	WT%	ASH%	F.S.I.	FSI
1.40	54.15	5.03	54.15	5.03	45.85	47.08	******	8.0
1.50	16.90	25.67	71.05	9.94	28.95	59.58	******	8.0
1.60	.60	30.24	71.65	10.11	28.35	60.20	******	8.0
1.70	9.50	41.29	81.15	13.76	18.85	69.73	******	8.0
1.80	4.50	51.45	85.65	15.74	14.35	75.46	******	8.0
1.90	1.10	64.64	86.75	16.36	13.25	76.36	******	7.5
****	13.25	76.36	100.00	24.31	**********			7.5

FROTH FLOATATION

SIZE	REL. WEIGHT
100 X 0	12.14

			CUM. FLOATS			CUM
TIME.	WT%	ASH%	WT%	ASH%	F.S.I.	FSI
45.	66.43	6.67	66.43	6.67	******	7.5
90.	10.67	34.77	77.10	10.56	******	6.5
135.	8.10	59.15	85.20	15.18	******	6.0
180.	6.93	73.06	92.13	19.53	******	5.5
225.	7.87	82.24	100.00	24.47	******	5.0

DRILL HOLE #:BD7814 SEAM: 2

FLUIDITY		DILATATION	
START TEMP.	441.0	SOFT.TEMP.	386.0
FINAL TEMP.	501.0	SOLID.TEMP.	470.0
MAX.FLUIDITY TEMP.	472.0	MAX.CONTRACTION	27.0
MAX.FLUIDITY(DDPM)	43.0	MAX.DILATATION	34.0
MAX.FLUIDITY(LOG)	1.633	G.FACTOR	1.011
LAB	GTL	GTL	

1.5 FLOAT/SINK ANALYSIS OF SEAM COMPONENTS

COMPONENT NO. B-85 INTERVAL 232.06-233.40

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	49.50	7.75	.75	24.23	67.27	.48	8.5
1.5 SINK	50.50	64.46					
TOTAL	100.00	36.39					
DRY BASIS		7.81		24.41	67.78		
D.M.M.F. BASIS		-		25.84	74.16		

COAL ANALYSIS PREPARED BY
GENERAL TESTING LABORATORIES
SIGNED:

PROJECT:BELCOURT AREA:HOLTSLANDER
DATE SAMPLED:30/10/78 DATE ANALYSED:27/ 2/79
DRILL HOLE #:BD7814 SEAM: 5
LAB COMPOSITE #: B10-38 WT. REC. 11.34
DATA POINT COORDINATES : N 44766.41 E 74703.88
DATA POINT ELEVATION : 1286.92 M

COMPOSITE DESCRIPTION		MINING SECTION
INTERVAL	173.70-178.90	173.70-178.90
THICKNESS	5.20	5.20
DIP	5	5
COAL/COAL+ROCK	4.24/ 5.20	4.24/ 5.20
DRILL CORE RECOVERY	74.60%	74.60 %
ESTIMATED YIELD	******	

GENERAL TESTING LABS

SIMULATED PRODUCT

SIZE	3/8 X 28	28 X 100	100 X 0
CUTPOINT	SP.G. 1.55	SP.G. 1.70	SEC. 90
CONTRIBUTION	53.2	16.9	7.7

	AIR DRIED	DRY BASIS	D.M.M.F.
YIELD	77.80		
MOISTURE	.77		
ASH	7.46	7.52	
VOLATILE	25.39	25.59	27.10
F.C.	66.38	66.90	72.90
SULPHUR	.35		
PHOSPHORUS	.030		
S.P.G.	1.190		
F.S.I.	7.5		
HARDGROVE	******		

HEAD ANALYSIS - COMPOSITE RAW COAL

	AIR DRIED	DRY BASIS	D.M.M.F.
MOISTURE	.55		
ASH	21.52	21.64	
VOLATILE	22.94	23.07	27.74
F.C.	54.99	55.29	72.26
F.S.I.	4.0		
SULPHUR	.32		
SP.GR. (-3/8 MESH)	1.31		
PHOSPHOROUS	.031		
HARDGROVE	75		

DRILL HOLE #:BD7814 SEAM: 5

FLOAT SINK ANALYSES

SIZE REL. WEIGHT
3/8 X 28 72.76

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	60.60	5.86	60.60	5.86	39.40	52.00	******	8.0
1.50	8.75	16.48	69.35	7.20	30.65	62.14	******	8.0
1.55	3.80	20.68	73.15	7.90	26.85	68.01	******	7.5
1.60	4.00	26.22	77.15	8.85	22.85	75.33	******	7.0
1.70	1.30	44.45	78.45	9.44	21.55	77.19	******	6.0
1.80	1.75	61.23	80.20	10.57	19.80	78.60	******	5.0
****	19.80	78.60	100.00	24.04	**********	**********	**********	4.0

SIZE REL. WEIGHT
28 X 100 18.66

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	78.00	4.69	78.00	4.69	22.00	45.78	******	8.5
1.50	7.55	13.19	85.55	5.44	14.45	62.81	******	8.5
1.60	2.75	27.27	88.30	6.12	11.70	71.16	******	8.0
1.70	2.15	42.72	90.45	6.99	9.55	77.57	******	7.5
1.80	.10	52.27	90.55	7.04	9.45	77.83	******	7.0
1.90	1.45	67.32	92.00	7.99	8.00	79.74	******	6.0
****	8.00	79.74	100.00	13.73	**********	**********	**********	5.0

FROTH FLOATATION

SIZE REL. WEIGHT
100 X 0 8.58

TIME.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	F.S.I.	CUM FSI
45.	83.54	8.41	83.54	8.41	******	6.0
90.	6.23	46.53	89.77	11.06	******	5.5
135.	3.81	74.44	93.58	13.64	******	5.5
180.	2.71	83.97	96.29	15.62	******	5.5
225.	3.71	92.20	100.00	18.46	******	5.0

DRILL HOLE #:BD7814 SEAM: 5

FLUIDITY		DILATATION	
START TEMP.	442.0	SOFT.TEMP.	387.0
FINAL TEMP.	504.0	SOLID.TEMP.	471.0
MAX.FLUIDITY TEMP.	472.0	MAX.CONTRACTION	27.0
MAX.FLUIDITY(DDPM)	30.0	MAX.DILATATION	20.0
MAX.FLUIDITY(LOG)	1.477	G.FACTOR	.986
LAB	GTL	GTL	

1.5 FLOAT/SINK ANALYSIS OF SEAM COMPONENTS

COMPONENT NO. B 86 INTERVAL 173.70-178.90

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	71.00	6.00	.59	25.85	67.56	.32	8.0
1.5 SINK	29.00	57.41					
TOTAL	100.00	20.91					
DRY BASIS		6.04		26.00	67.96		
D.M.M.F. BASIS		-		27.21	72.79		

COAL ANALYSIS PREPARED BY
GENERAL TESTING LABORATORIES
SIGNED:

PROJECT:BELCOURT AREA:HOLTSLANDER
DATE SAMPLED:30/10/78 DATE ANALYSED:27/ 2/79
DRILL HOLE #:BD7814 SEAM: 6
LAB COMPOSITE #: B10-39 WT. REC. 5.96
DATA POINT COORDINATES : N 44766.41 E 74703.88
DATA POINT ELEVATION : 1286.92 M

COMPOSITE DESCRIPTION		MINING SECTION
INTERVAL	: 144.35-147.15	
	:	
THICKNESS	: 2.80	0.
DIP	: 2	89
COAL/COAL+ROCK	: 1.34/ 2.80	0. / 0.
DRILL CORE RECOVERY	: 47.90%	0. %
ESTIMATED YIELD	: ******	

GENERAL TESTING LABS

SIMULATED PRODUCT

SIZE	3/8 X 28	28 X 100	100 X 0
CUTPOINT	SP.G. 1.55	SP.G. 1.70	SEC. 45
CONTRIBUTION	39.5	15.0	7.8

	AIR DRIED	DRY BASIS	D.M.M.F.
YIELD	62.34		
MOISTURE	.89		
ASH	8.57	8.65	
VOLATILE	25.20	25.43	27.15
F.C.	65.34	65.93	72.85
SULPHUR	.46		
PHOSPHORUS	.050		
S.P.G.	1.150		
F.S.I.	7.0		
HARDGROVE	******		

HEAD ANALYSIS - COMPOSITE RAW COAL

	AIR DRIED	DRY BASIS	D.M.M.F.
MOISTURE	.55		
ASH	31.44	31.61	
VOLATILE	20.64	20.75	27.55
F.C.	47.37	47.63	72.45
F.S.I.	3.5		
SULPHUR	.32		
SP.GR. (-3/8 MESH)	1.34		
PHOSPHOROUS	.058		
HARDGROVE	82		

DRILL HOLE #:BD7814 SEAM: 6

FLOAT SINK ANALYSES

SIZE REL. WEIGHT
3/8 x 28 70.27

			CUM. FLOATS		CUM. SINKS			CUM
SP.G.	WT%	ASH%	WT%	ASH%	WT%	ASH%	F.S.I.	FSI
1.40	39.20	5.10	39.20	5.10	60.80	54.53	******	8.5
1.50	11.60	12.41	50.80	6.77	49.20	64.46	******	8.0
1.55	5.45	25.97	56.25	8.63	43.75	69.25	******	7.0
1.60	2.25	32.03	58.50	9.53	41.50	71.27	******	7.0
1.70	4.50	48.31	63.00	12.30	37.00	74.06	******	7.0
1.80	5.75	56.78	68.75	16.02	31.25	77.24	******	6.5
****	31.25	77.24	100.00	35.15	**********			3.0

SIZE REL. WEIGHT
28 x 100 20.05

			CUM. FLOATS		CUM. SINKS			CUM
SP.G.	WT%	ASH%	WT%	ASH%	WT%	ASH%	F.S.I.	FSI
1.40	59.00	3.31	59.00	3.31	41.00	53.26	******	8.5
1.50	6.45	14.67	65.45	4.43	34.55	60.47	******	8.5
1.60	3.90	25.77	69.35	5.63	30.65	64.88	******	8.0
1.70	5.35	32.72	74.70	7.57	25.30	71.68	******	7.5
1.80	4.85	47.76	79.55	10.02	20.45	77.35	******	7.0
1.90	2.20	61.30	81.75	11.40	18.25	79.29	******	7.0
****	18.25	79.29	100.00	23.79	**********			5.0

FROTH FLOATATION

SIZE REL. WEIGHT
100 X 0 9.68

			CUM. FLOATS			CUM
TIME.	WT%	ASH%	WT%	ASH%	F.S.I.	FSI
45.	80.86	10.31	80.86	10.31	******	7.0
90.	6.24	57.19	87.10	13.67	******	6.0
135.	3.88	66.19	90.98	15.91	******	5.0
180.	2.81	73.22	93.79	17.63	******	4.5
225.	6.21	88.96	100.00	22.06	******	3.0

DRILL HOLE #:BD7814 SEAM: 6

FLUIDITY		DILATATION	
START TEMP.	431.0	SOFT.TEMP.	388.0
FINAL TEMP.	496.0	SOLID.TEMP.	472.0
MAX.FLUIDITY TEMP.	469.0	MAX.CONTRACTION	27.0
MAX.FLUIDITY(DDPM)	21.0	MAX.DILATATION	20.0
MAX.FLUIDITY(LOG)	1.322	G.FACTOR	.986
LAB	GTL	GTL	

1.5 FLOAT/SINK ANALYSIS OF SEAM COMPONENTS

COMPONENT NO. B-87 INTERVAL 144.35-147.15

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	53.50	6.88	.81	26.18	66.13	.45	7.5
1.5 SINK	46.50	59.16					
TOTAL	100.00	31.19					
DRY BASIS		6.94		26.39	66.67		
D.M.M.F. BASIS		-		27.81	72.19		

COAL ANALYSIS PREPARED BY
GENERAL TESTING LABORATORIES
SIGNED:

PROJECT:BELCOURT AREA:HOLTSLANDER
DATE SAMPLED:30/10/78 DATE ANALYSED:27/ 2/79
DRILL HOLE #:BD7814 SEAM: 6
LAB COMPOSITE #: B10-40 WT. REC. 3.52
DATA POINT COORDINATES : N 44766.41 E 74703.88
DATA POINT ELEVATION : 1286.92 M

COMPOSITE DESCRIPTION		MINING SECTION
INTERVAL	133.63-135.43	133.63-135.43
THICKNESS	1.80	1.80
DIP	4	4
COAL/COAL+ROCK	1.56/ 1.80	1.56/ 1.80
DRILL CORE RECOVERY	58.30%	58.30 %
ESTIMATED YIELD	******	

GENERAL TESTING LABS

SIMULATED PRODUCT

SIZE	3/8 X 28	28 X 100	100 X 0
CUTPOINT	SP.G. 1.55	SP.G. 1.70	SEC. 180
CONTRIBUTION	54.2	17.9	8.7

	AIR DRIED	DRY BASIS	D.M.M.F.
YIELD	80.84		
MOISTURE	1.54		
ASH	6.22	6.32	
VOLATILE	25.29	25.69	26.91
F.C.	66.95	68.00	73.09
SULPHUR	.41		
PHOSPHORUS	.163		
S.P.G.	1.090		
F.S.I.	7.5		
HARDGROVE	******		

HEAD ANALYSIS - COMPOSITE RAW COAL

	AIR DRIED	DRY BASIS	D.M.M.F.
MOISTURE	.45		
ASH	19.33	19.42	
VOLATILE	23.56	23.67	27.87
F.C.	56.66	56.92	72.13
F.S.I.	3.0		
SULPHUR	.36		
SP.GR. (-3/8 MESH)	1.30		
PHOSPHOROUS	.224		
HARDGROVE	117		

DRILL HOLE #:BD7814 SEAM: 6

FLOAT SINK ANALYSES

SIZE REL. WEIGHT
3/8 X 28 71.34

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	72.60	5.63	72.60	5.63	27.40	66.03	******	7.5
1.50	1.40	11.97	74.00	5.75	26.00	68.94	******	7.5
1.55	2.00	22.09	76.00	6.18	24.00	72.85	******	7.5
1.60	1.25	33.37	77.25	6.62	22.75	75.01	******	7.5
1.70	1.05	46.89	78.30	7.16	21.70	76.38	******	6.5
1.80	3.20	65.48	81.50	9.45	18.50	78.26	******	6.5
****	18.50	78.26	100.00	22.18	**********		**********	5.5

SIZE REL. WEIGHT
28 X 100 19.67

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	83.25	4.36	83.25	4.36	16.75	51.94	******	8.5
1.50	3.90	12.85	87.15	4.74	12.85	63.81	******	8.0
1.60	2.20	24.64	89.35	5.23	10.65	71.90	******	7.5
1.70	1.75	37.51	91.10	5.85	8.90	78.66	******	7.5
1.80	.10	51.45	91.20	5.90	8.80	78.97	******	7.5
1.90	.45	62.93	91.65	6.18	8.35	79.83	******	6.0
****	8.35	79.83	100.00	12.33	**********		**********	3.5

FROTH FLOATATION

SIZE REL. WEIGHT
100 X 0 8.99

TIME.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	F.S.I.	CUM FSI
45.	89.41	6.17	89.41	6.17	******	7.0
90.	3.22	45.57	92.63	7.54	******	6.5
135.	2.24	67.77	94.87	8.96	******	6.0
180.	1.91	79.66	96.78	10.36	******	5.0
225.	3.22	89.97	100.00	12.92	******	5.0

DRILL HOLE #:BD7814 SEAM: 6

FLUIDITY		DILATATION	
START TEMP.	440.0	SOFT.TEMP.	382.0
FINAL TEMP.	493.0	SOLID.TEMP.	462.0
MAX.FLUIDITY TEMP.	466.0	MAX.CONTRACTION	29.0
MAX.FLUIDITY(DDPM)	14.0	MAX.DILATATION	7.0
MAX.FLUIDITY(LOG)	1.146	G.FACTOR	.945
LAB	GTL	GTL	

1.5 FLOAT/SINK ANALYSIS OF SEAM COMPONENTS

COMPONENT NO. B-88 INTERVAL 133.63-135.43

		AIR DRIED BASIS				
	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	74.70	5.66	1.08	25.20	68.06	.39	7.5
1.5 SINK	25.30	60.21					
TOTAL	100.00	19.46					
DRY BASIS		5.72		25.48	68.80		
D.M.M.F. BASIS		-		26.56	73.44		

COAL ANALYSIS PREPARED BY
GENERAL TESTING LABORATORIES
SIGNED:

PROJECT:BELCOURT AREA:HOLTSLANDER
DATE SAMPLED:30/10/78 DATE ANALYSED:27/ 2/79
DRILL HOLE #:BD7814 SEAM: B
LAB COMPOSITE #: B10-41 WT. REC. 10.83
DATA POINT COORDINATES : N 44766.41 E 74703.88
DATA POINT ELEVATION : 1286.92 M

COMPOSITE DESCRIPTION		MINING SECTION
INTERVAL	55.89-59.33	55.89-59.33
THICKNESS	3.44	3.44
DIP	8	8
COAL/COAL+ROCK	2.38/ 3.43	2.38/ 3.43
DRILL CORE RECOVERY	76.20%	76.20 %
ESTIMATED YIELD	******	

GENERAL TESTING LABS

SIMULATED PRODUCT

SIZE	3/8 X 28	28 X 100	100 X 0
CUTPOINT	SP.G. 1.55	SP.G. 1.70	SEC. 90
CONTRIBUTION	39.9	13.9	6.9

	AIR DRIED	DRY BASIS	D.M.M.F.
YIELD	60.67		
MOISTURE	1.39		
ASH	6.95	7.05	
VOLATILE	27.82	28.21	29.80
F.C.	63.84	64.74	70.20
SULPHUR	.47		
PHOSPHORUS	.040		
S.P.G.	1.150		
F.S.I.	5.5		
HARDGROVE	******		

HEAD ANALYSIS - COMPOSITE RAW COAL

	AIR DRIED	DRY BASIS	D.M.M.F.
MOISTURE	.75		
ASH	34.77	35.03	
VOLATILE	20.79	20.95	29.06
F.C.	43.69	44.02	70.94
F.S.I.	6.0		
SULPHUR	.34		
SP.GR. (-3/8 MESH)	1.36		
PHOSPHOROUS	.037		
HARDGROVE	73		

DRILL HOLE #:BD7814 SEAM: B

FLOAT SINK ANALYSES

SIZE REL. WEIGHT
3/8 X 28 73.82

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	48.25	4.77	48.25	4.77	51.75	71.67	******	6.5
1.50	3.90	16.67	52.15	5.66	47.85	76.15	******	5.5
1.55	1.90	25.29	54.05	6.35	45.95	78.25	******	4.5
1.60	2.10	37.63	56.15	7.52	43.85	80.20	******	4.5
1.70	5.30	55.40	61.45	11.65	38.55	83.61	******	3.5
1.80	4.05	71.17	65.50	15.33	34.50	85.07	******	3.5
****	34.50	85.07	100.00	39.39	**********		**********	2.5

SIZE REL. WEIGHT
28 X 100 17.71

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	62.90	3.60	62.90	3.60	37.10	55.27	******	8.5
1.50	7.50	20.21	70.40	5.37	29.60	64.16	******	8.0
1.60	7.75	30.88	78.15	7.90	21.85	75.96	******	8.0
1.70	.35	43.79	78.50	8.06	21.50	76.48	******	8.0
1.80	4.15	53.27	82.65	10.33	17.35	82.03	******	7.5
1.90	.65	70.56	83.30	10.80	16.70	82.48	******	7.5
****	16.70	82.48	100.00	22.77	**********		**********	3.0

FROTH FLOATATION

SIZE REL. WEIGHT
100 X 0 8.47

TIME.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	F.S.I.	CUM FSI
45.	73.75	7.23	73.75	7.23	******	7.0
90.	7.36	44.03	81.11	10.57	******	6.5
135.	5.95	59.91	87.06	13.94	******	6.0
180.	4.49	75.92	91.55	16.98	******	6.0
225.	8.45	84.22	100.00	22.66	******	5.5

DRILL HOLE #:BD7814 SEAM: B

FLUIDITY		DILATATION	
START TEMP.	414.0	SOFT.TEMP.	378.0
FINAL TEMP.	488.0	SOLID.TEMP.	459.0
MAX.FLUIDITY TEMP.	462.0	MAX.CONTRACTION	25.0
MAX.FLUIDITY(DDPM)	27.0	MAX.DILATATION	15.0
MAX.FLUIDITY(LOG)	1.431	G.FACTOR	.976
LAB	GTL	GTL	

1.5 FLOAT/SINK ANALYSIS OF SEAM COMPONENTS

COMPONENT NO. B-89 INTERVAL 55.89-59.33

		AIR DRIED BASIS					
	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	46.50	7.80	.64	26.63	64.93	.39	4.5
1.5 SINK	53.50	62.87					
TOTAL	100.00	37.26					
DRY BASIS		7.85		26.80	65.35		
D.M.M.F. BASIS		-		28.49	71.51		

COMPONENT NO. B-90 INTERVAL

		AIR DRIED BASIS					
	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	21.10	9.96	1.00	27.63	61.41	.46	8.0
1.5 SINK	78.90	78.13					
TOTAL	100.00	63.75					
DRY BASIS		10.06		27.91	62.03		
D.M.M.F. BASIS		-		30.29	69.71		

COMPONENT NO. B-91 INTERVAL

		AIR DRIED BASIS					
	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	79.30	4.12	1.13	27.38	67.37	.46	6.5
1.5 SINK	20.70	42.19					
TOTAL	100.00	12.00					
DRY BASIS		4.17		27.69	68.14		
D.M.M.F. BASIS		-		28.53	71.47		

COAL ANALYSIS PREPARED BY
GENERAL TESTING LABORATORIES
SIGNED:

PROJECT:BELCOURT AREA:HUGUENOT
DATE SAMPLED:30/10/78 DATE ANALYSED:28/ 2/79
DRILL HOLE #:BD7815 SEAM: -KGT
LAB COMPOSITE #: 810-42 WT. REC. 10.50
DATA POINT COORDINATES : N 37829.10 E 84342.03
DATA POINT ELEVATION : 1677.84 M

COMPOSITE DESCRIPTION			MINING SECTION	
INTERVAL	:	74.97-78.45		
	:			
THICKNESS	:	3.48	0.	
DIP	:	56	89	
COAL/COAL+ROCK	:	1.38/ 1.93	0. / 0.	
DRILL CORE RECOVERY	:	75.60%	0.	%
ESTIMATED YIELD	:	******		

GENERAL TESTING LABS

SIMULATED PRODUCT

SIZE	3/8 X 28	28 X 100	100 X 0
CUTPOINT	SP.G. 1.55	SP.G. 1.70	SEC. 45
CONTRIBUTION	36.8	14.1	8.5

	AIR DRIED	DRY BASIS	D.M.M.F.
YIELD	59.37		
MOISTURE	.65		
ASH	9.26	9.32	
VOLATILE	19.57	19.70	20.95
F.C.	70.52	70.98	79.05
SULPHUR	.38		
PHOSPHORUS	.008		
S.P.G.	1.210		
F.S.I.	4.0		
HARDGROVE	******		

HEAD ANALYSIS - COMPOSITE RAW COAL

	AIR DRIED	DRY BASIS	D.M.M.F.
MOISTURE	.47		
ASH	28.50	28.63	
VOLATILE	17.02	17.10	21.31
F.C.	54.01	54.27	78.69
F.S.I.	2.0		
SULPHUR	.32		
SP.GR. (-3/8 MESH)	1.33		
PHOSPHOROUS	.008		
HARDGROVE	70		

DRILL HOLE #:BD7815 SEAM: -KGT

FLOAT SINK ANALYSES

SIZE	REL. WEIGHT
3/8 x 28	71.31

			CUM. FLOATS		CUM. SINKS			CUM
SP.G.	WT%	ASH%	WT%	ASH%	WT%	ASH%	F.S.I.	FSI
1.40	37.65	7.97	37.65	7.97	62.35	45.39	******	4.5
1.50	9.90	11.96	47.55	8.80	52.45	51.70	******	4.0
1.55	4.00	16.15	51.55	9.37	48.45	54.63	******	4.0
1.60	3.60	22.39	55.15	10.22	44.85	57.22	******	3.5
1.70	6.30	36.07	61.45	12.87	38.55	60.68	******	3.5
1.80	4.25	49.04	65.70	15.21	34.30	62.12	******	2.5
****	34.30	62.12	100.00	31.30	**********			1.0

SIZE	REL. WEIGHT
28 X 100	18.07

			CUM. FLOATS		CUM. SINKS			CUM
SP.G.	WT%	ASH%	WT%	ASH%	WT%	ASH%	F.S.I.	FSI
1.40	54.85	4.20	54.85	4.20	45.15	39.90	******	6.5
1.50	13.90	12.46	68.75	5.87	31.25	52.11	******	5.5
1.60	7.00	20.05	75.75	7.18	24.25	61.36	******	5.0
1.70	2.10	30.16	77.85	7.80	22.15	64.32	******	5.0
1.80	6.75	45.02	84.60	10.77	15.40	72.78	******	4.5
1.90	1.40	59.30	86.00	11.56	14.00	74.13	******	4.5
****	14.00	74.13	100.00	20.32	**********			3.5

FROTH FLOATATION

SIZE	REL. WEIGHT
100 x 0	10.82

			CUM. FLOATS			CUM
TIME.	WT%	ASH%	WT%	ASH%	F.S.I.	FSI
45.	78.92	13.80	78.92	13.80	******	4.5
90.	10.76	49.48	89.68	18.08	******	4.0
135.	4.16	72.12	93.84	20.48	******	4.0
180.	3.08	79.83	96.92	22.36	******	4.0
225.	3.08	87.11	100.00	24.36	******	4.0

DRILL HOLE #:BD7815 SEAM: -<GT

FLUIDITY		DILATATION	
START TEMP.	469.0	SOFT.TEMP.	414.0
FINAL TEMP.	506.0	SOLID.TEMP.	******
MAX.FLUIDITY TEMP.	484.0	MAX.CONTRACTION	22.0
MAX.FLUIDITY(DDPM)	1.0	MAX.DILATATION	******
MAX.FLUIDITY(LOG)	******	G.FACTOR	******
LAB	GTL	GTL	

1.5 FLOAT/SINK ANALYSIS OF SEAM COMPONENTS

COMPONENT NO. B-82 INTERVAL 74.97-78.45

	AIR DRIED BASIS						
	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	53.20	7.63	.59	19.63	72.15	.38	5.5
1.5 SINK	46.80	51.75					
TOTAL	100.00	28.28					
DRY BASIS		7.68		19.75	72.58		
D.M.M.F. BASIS		-		20.74	79.26		

COAL ANALYSIS PREPARED BY
GENERAL TESTING LABORATORIES
SIGNED:

PROJECT:BELCOURT AREA:HUGUENOT
DATE SAMPLED:30/10/78 DATE ANALYSED:28/ 2/79
DRILL HOLE #:BD7815 SEAM: -KGT
LAB COMPOSITE #: B10-43 WT. REC. 7.31
DATA POINT COORDINATES : N 37829.10 E 84342.03
DATA POINT ELEVATION : 1677.84 M

COMPOSITE DESCRIPTION		MINING SECTION
INTERVAL	81.33-84.00	
THICKNESS	2.67	0.
DIP	56	89
COAL/COAL+ROCK	1.50/ 1.50	0. / 0.
DRILL CORE RECOVERY	78.30%	0. %
ESTIMATED YIELD	******	

GENERAL TESTING LABS

SIMULATED PRODUCT

SIZE	3/8 X 28	28 X 100	100 X 0
CUTPOINT	SP.G. 1.55	SP.G. 1.70	SEC. 225
CONTRIBUTION	39.7	22.9	15.0

	AIR DRIED	DRY BASIS	D.M.M.F.
YIELD	77.57		
MOISTURE	.75		
ASH	8.54	8.60	
VOLATILE	19.11	19.25	20.33
F.C.	71.60	72.14	79.67
SULPHUR	.43		
PHOSPHORUS	.015		
S.P.G.	1.230		
F.S.I.	5.0		
HARDGROVE	******		

HEAD ANALYSIS - COMPOSITE RAW COAL

	AIR DRIED	DRY BASIS	D.M.M.F.
MOISTURE	.33		
ASH	15.29	15.34	
VOLATILE	17.91	17.97	19.91
F.C.	66.47	66.69	80.09
F.S.I.	3.5		
SULPHUR	.45		
SP.GR. (-3/8 MESH)	1.29		
PHOSPHORUS	.008		
HARDGROVE	75		

DRILL HOLE #:BD7815 SEAM: -KGT

FLOAT SINK ANALYSES

SIZE REL. WEIGHT
3/8 X 28 60.33

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	50.65	8.61	50.65	8.61	49.35	29.40	******	5.0
1.50	7.20	10.86	57.85	8.89	42.15	32.57	******	4.5
1.55	8.00	14.32	65.85	9.55	34.15	36.84	******	4.0
1.60	6.20	17.22	72.05	10.21	27.95	41.19	******	3.0
1.70	13.00	30.82	85.05	13.36	14.95	50.21	******	3.0
1.80	5.10	44.12	90.15	15.10	9.85	53.37	******	2.5
****	9.85	53.37	100.00	18.87	**********	**********	**********	2.5

SIZE REL. WEIGHT
28 X 100 24.70

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	72.35	2.79	72.35	2.79	27.65	28.69	******	6.5
1.50	15.40	16.07	87.75	5.12	12.25	44.55	******	6.0
1.60	4.75	21.87	92.50	5.98	7.50	58.92	******	5.0
1.70	.10	24.50	92.60	6.00	7.40	59.38	******	5.0
1.80	.20	33.84	92.80	6.06	7.20	60.09	******	4.5
1.90	.65	44.88	93.45	6.33	6.55	61.60	******	4.5
****	6.55	61.60	100.00	9.95	**********	**********	**********	4.5

FROTH FLOATATION

SIZE REL. WEIGHT
100 X 0 14.97

TIME.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	F.S.I.	CUM FSI
45.	91.04	7.65	91.04	7.65	******	6.0
90.	6.02	26.09	97.06	8.79	******	5.5
135.	1.94	42.16	99.00	9.45	******	5.5
180.	.67	60.60	99.67	9.79	******	5.5
225.	.33	68.56	100.00	9.99	******	5.5

DRILL HOLE #:BD7815 SEAM: -KGT

FLUIDITY		DILATATION	
START TEMP.	458.0	SOFT.TEMP.	414.0
FINAL TEMP.	508.0	SOLID.TEMP.	******
MAX.FLUIDITY TEMP.	466.0	MAX.CONTRACTION	23.0
MAX.FLUIDITY(DDPM)	3.0	MAX.DILATATION	******
MAX.FLUIDITY(LOG)	.477	G.FACTOR	******
LAB	GTL	GTL	

1.5 FLOAT/SINK ANALYSIS OF SEAM COMPONENTS

COMPONENT NO. B -83 INTERVAL 81.33-84.00

		AIR DRIED BASIS				
	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	68.50	5.65	.61	19.37	74.37	.40	6.0
1.5 SINK	31.50	34.82					
TOTAL	100.00	14.84					
DRY BASIS		5.68		19.49	74.83		
D.M.M.F. BASIS		-		20.16	79.84		

COAL ANALYSIS PREPARED BY
GENERAL TESTING LABORATORIES
SIGNED:

PROJECT:BELCOURT AREA:HOLTSLANDER
DATE SAMPLED:30/10/78 DATE ANALYSED:28/ 2/79
DRILL HOLE #:BD7816 SEAM: 1
LAB COMPOSITE #: B10-44 WT. REC. 10.36
DATA POINT COORDINATES : N 48968.08 E 70323.14
DATA POINT ELEVATION : 1106.86 M

COMPOSITE DESCRIPTION		MINING SECTION
INTERVAL	238.40-242.05	238.40-242.05
THICKNESS	3.65	3.65
DIP	15	15
COAL/COAL+ROCK	3.09/ 3.53	3.09/ 3.53
DRILL CORE RECOVERY	72.00%	72.00 %
ESTIMATED YIELD	******	

GENERAL TESTING LABS

SIMULATED PRODUCT

SIZE	3/8 X 28	28 X 100	100 X 0
CUTPOINT	SP.G. 1.55	SP.G. 1.70	SEC. 225
CONTRIBUTION	60.5	17.3	7.4

	AIR DRIED	DRY BASIS	D.M.M.F.
YIELD	85.20		
MOISTURE	.75		
ASH	6.46	6.51	
VOLATILE	24.52	24.71	25.93
F.C.	68.27	68.79	74.07
SULPHUR	.31		
PHOSPHORUS	.043		
S.P.G.	1.190		
F.S.I.	7.5		
HARDGROVE	******		

HEAD ANALYSIS - COMPOSITE RAW COAL

	AIR DRIED	DRY BASIS	D.M.M.F.
MOISTURE	.39		
ASH	15.77	15.83	
VOLATILE	23.50	23.59	26.84
F.C.	60.34	60.58	73.16
F.S.I.	5.5		
SULPHUR	.31		
SP.GR. (-3/8 MESH)	1.26		
PHOSPHOROUS	.045		
HARDGROVE	790? ENTERED AS 79		

DRILL HOLE #:BD7816 SEAM: 1

FLOAT SINK ANALYSES

SIZE REL. WEIGHT
3/8 X 28 74.20

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	75.15	5.49	75.15	5.49	24.85	55.87	******	7.5
1.50	3.55	13.25	78.70	5.84	21.30	62.98	******	7.0
1.55	2.85	25.01	81.55	6.51	18.45	68.84	******	6.5
1.60	1.20	38.23	82.75	6.97	17.25	70.97	******	6.0
1.70	.85	52.21	83.60	7.43	16.40	71.94	******	5.5
1.80	1.00	62.42	84.60	8.08	15.40	72.56	******	4.5
****	15.40	72.56	100.00	18.01	**********	**********		4.0

SIZE REL. WEIGHT
28 X 100 18.45

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	87.75	4.51	87.75	4.51	12.25	43.61	******	9.0
1.50	.60	10.40	88.35	4.55	11.65	45.32	******	8.0
1.60	1.40	14.17	89.75	4.70	10.25	49.58	******	8.0
1.70	4.25	21.73	94.00	5.47	6.00	69.31	******	7.5
1.80	.95	33.46	94.95	5.75	5.05	76.05	******	7.5
1.90	.30	56.55	95.25	5.91	4.75	77.28	******	7.5
****	4.75	77.28	100.00	9.30	**********	**********		7.0

FROTH FLOATATION

SIZE REL. WEIGHT
100 X 0 7.35

TIME.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	F.S.I.	CUM FSI
45.	93.82	6.49	93.82	6.49	******	7.5
90.	2.44	53.13	96.26	7.67	******	7.5
135.	1.59	70.45	97.84	8.69	******	7.0
180.	1.08	77.41	98.92	9.44	******	7.0
225.	1.08	83.60	100.00	10.24	******	6.0

DRILL HOLE #:BD7816 SEAM: 1

FLUIDITY		DILATATION	
START TEMP.	433.0	SOFT.TEMP.	387.0
FINAL TEMP.	504.0	SOLID.TEMP.	470.0
MAX.FLUIDITY TEMP.	470.0	MAX.CONTRACTION	27.0
MAX.FLUIDITY(DDPM)	171.0	MAX.DILATATION	36.0
MAX.FLUIDITY(LOG)	2.233	G.FACTOR	1.014
LAB	GTL	GTL	

1.5 FLOAT/SINK ANALYSIS OF SEAM COMPONENTS

COMPONENT NO. B-92 INTERVAL 238.40-242.05

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	81.00	5.29	.57	25.18	68.96	.30	7.5
1.5 SINK	19.00	60.45					
TOTAL	100.00	15.77					
DRY BASIS		5.32		25.32	69.36		
D.M.M.F. BASIS		-		26.33	73.67		

COAL ANALYSIS PREPARED BY
GENERAL TESTING LABORATORIES
SIGNED:

PROJECT:BELCOURT AREA:HOLTSLANDER
DATE SAMPLED:30/10/78 DATE ANALYSED:28/ 2/79
DRILL HOLE #:BD7816 SEAM: 1L
LAB COMPOSITE #: B10-45 WT. REC. 4.70
DATA POINT COORDINATES : N 48968.08 E 70323.14
DATA POINT ELEVATION : 1106.86 M

COMPOSITE DESCRIPTION		MINING SECTION
INTERVAL	246.75-247.85	246.75-247.85
THICKNESS	1.10	1.10
DIP	15	15
COAL/COAL+ROCK	1.06/ 1.06	1.06/ 1.06
DRILL CORE RECOVERY	100.00%	100.00 %
ESTIMATED YIELD	******	

GENERAL TESTING LABS

SIMULATED PRODUCT			
SIZE	3/8 X 28	28 X 100	100 X 0
CUTPOINT	SP.G. 1.55	SP.G. 1.70	SEC. 135
CONTRIBUTION	66.3	15.7	6.1

	AIR DRIED	DRY BASIS	D.M.M.F.
YIELD	88.04		
MOISTURE	.67		
ASH	8.95	9.01	
VOLATILE	23.81	23.97	25.63
F.C.	66.57	67.02	74.37
SULPHUR	.42		
PHOSPHORUS	.019		
S.P.G.	1.220		
F.S.I.	7.0		
HARDGROVE	******		

HEAD ANALYSIS - COMPOSITE RAW COAL

	AIR DRIED	DRY BASIS	D.M.M.F.
MOISTURE	.37		
ASH	15.87	15.93	
VOLATILE	22.99	23.08	26.20
F.C.	60.77	61.00	73.80
F.S.I.	5.0		
SULPHUR	.41		
SP.GR. (-3/8 MESH)	1.26		
PHOSPHOROUS	.017		
HARDGROVE	72		

DRILL HOLE #:BD7816 SEAM: 1L

FLOAT SINK ANALYSES

SIZE REL. WEIGHT
3/8 X 28 76.87

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	68.50	7.12	68.50	7.12	31.50	38.96	******	6.5
1.50	17.00	18.54	85.50	9.39	14.50	62.91	******	6.0
1.55	.70	27.86	86.20	9.54	13.80	64.69	******	6.0
1.60	2.80	36.24	89.00	10.38	11.00	71.93	******	6.0
1.70	1.55	50.11	90.55	11.06	9.45	75.50	******	5.0
1.80	1.45	67.53	92.00	11.95	8.00	76.95	******	4.5
****	8.00	76.95	100.00	17.15	**********		**********	4.0

SIZE REL. WEIGHT
28 X 100 16.88

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	80.00	4.52	80.00	4.52	20.00	39.57	******	8.0
1.50	8.55	15.71	88.55	5.60	11.45	57.39	******	8.0
1.60	2.65	25.90	91.20	6.19	8.80	66.87	******	7.5
1.70	1.80	36.16	93.00	6.77	7.00	74.77	******	7.0
1.80	.25	51.53	93.25	6.89	6.75	75.63	******	6.5
1.90	1.40	64.36	94.65	7.74	5.35	78.58	******	6.0
****	5.35	78.58	100.00	11.53	**********		**********	6.0

FROTH FLOATATION

SIZE REL. WEIGHT
100 X 0 6.25

TIME.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	F.S.I.	CUM FSI
45.	91.16	7.95	91.16	7.95	******	8.0
90.	2.84	40.37	94.00	8.93	******	4.5
135.	1.84	58.35	95.84	9.88	******	4.5
180.	1.48	71.69	97.32	10.82	******	4.5
225.	2.68	80.90	100.00	12.70	******	4.0

DRILL HOLE #:BD7816 SEAM: 1L

FLUIDITY		DILATATION	
START TEMP.	432.0	SOFT.TEMP.	386.0
FINAL TEMP.	504.0	SOLID.TEMP.	470.0
MAX.FLUIDITY TEMP.	470.0	MAX.CONTRACTION	22.0
MAX.FLUIDITY(DDPM)	149.0	MAX.DILATATION	37.0
MAX.FLUIDITY(LOG)	2.173	G.FACTOR	1.026
LAB	GTL	GTL	

1.5 FLOAT/SINK ANALYSIS OF SEAM COMPONENTS

COMPONENT NO. B-93 INTERVAL 246.75-247.85

		AIR DRIED BASIS				
	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	81.40	8.16	.55	25.32	65.97	.41	8.0
1.5 SINK	18.60	46.22					
TOTAL	100.00	15.24					
DRY BASIS		8.21		25.46	66.33		
D.M.M.F. BASIS		-		27.10	72.90		

COAL ANALYSIS PREPARED BY
GENERAL TESTING LABORATORIES
SIGNED:

PROJECT:BELCOURT AREA:HOLTSLANDER
DATE SAMPLED:30/10/78 DATE ANALYSED:28/ 2/79
DRILL HOLE #:BD7816 SEAM: 5
LAB COMPOSITE #: B10-46 WT. REC. 17.80
DATA POINT COORDINATES : N 48968.08 E 70323.14
DATA POINT ELEVATION : 1106.86 M

COMPOSITE DESCRIPTION		MINING SECTION
INTERVAL	147.30-153.80	147.30-153.80
THICKNESS	6.50	6.50
DIP	10	10
COAL/COAL+ROCK	5.15/ 6.44	5.15/ 6.44
DRILL CORE RECOVERY	74.90%	74.90 %
ESTIMATED YIELD	******	

GENERAL TESTING LABS

SIMULATED PRODUCT SIZE	3/8 X 28	28 X 100	100 X 0
CUTPOINT	SP.G. 1.55	SP.G. 1.70	SEC. 135
CONTRIBUTION	50.0	13.6	6.4

	AIR DRIED	DRY BASIS	D.M.M.F.
YIELD	69.99		
MOISTURE	.84		
ASH	8.87	8.95	
VOLATILE	24.70	24.91	26.69
F.C.	65.59	66.15	73.31
SULPHUR	.31		
PHOSPHORUS	.020		
S.P.G.	1.240		
F.S.I.	6.0		
HARDGROVE	******		

HEAD ANALYSIS - COMPOSITE RAW COAL

	AIR DRIED	DRY BASIS	D.M.M.F.
MOISTURE	.53		
ASH	24.31	24.44	
VOLATILE	22.31	22.43	27.72
F.C.	52.85	53.13	72.28
F.S.I.	4.5		
SULPHUR	.27		
SP.GR. (-3/8 MESH)	1.32		
PHOSPHOROUS	.024		
HARDGROVE	67		

DRILL HOLE #:BD7816 SEAM: 5

FLOAT SINK ANALYSES

SIZE REL. WEIGHT
3/8 X 28 78.19

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	48.10	6.13	48.10	6.13	51.90	47.19	******	5.5
1.50	11.45	14.14	59.55	7.67	40.45	56.54	******	5.5
1.55	4.40	20.75	63.95	8.57	36.05	60.91	******	5.5
1.60	3.60	24.89	67.55	9.44	32.45	64.91	******	5.0
1.70	4.50	38.26	72.05	11.24	27.95	69.20	******	4.5
1.80	2.90	54.92	74.95	12.93	25.05	70.85	******	4.5
****	25.05	70.85	100.00	27.44	**********	**********	**********	4.5

SIZE REL. WEIGHT
28 X 100 15.18

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	77.20	4.19	77.20	4.19	22.80	46.29	******	8.0
1.50	8.05	17.53	85.25	5.45	14.75	61.99	******	8.0
1.60	3.80	27.01	89.05	6.37	10.95	74.13	******	7.5
1.70	.80	38.94	89.85	6.66	10.15	76.90	******	7.5
1.80	.15	54.66	90.00	6.74	10.00	77.24	******	7.0
1.90	1.15	69.36	91.15	7.53	8.85	78.26	******	6.5
****	8.85	78.26	100.00	13.79	**********	**********	**********	4.5

FROTH FLOATATION

SIZE REL. WEIGHT
100 X 0 6.63

TIME.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	F.S.I.	CUM FSI
45.	89.06	7.83	89.06	7.83	******	7.5
90.	4.44	40.58	93.50	9.39	******	7.0
135.	2.31	58.21	95.81	10.56	******	7.0
180.	2.08	72.04	97.89	11.87	******	7.0
225.	2.11	87.83	100.00	13.47	******	6.5

DRILL HOLE #:BD7816 SEAM: 5

FLUIDITY		DILATATION	
START TEMP.	438.0	SOFT.TEMP.	381.0
FINAL TEMP.	502.0	SOLID.TEMP.	470.0
MAX.FLUIDITY TEMP.	470.0	MAX.CONTRACTION	26.0
MAX.FLUIDITY(DDPM)	44.0	MAX.DILATATION	15.0
MAX.FLUIDITY(LOG)	1.643	G.FACTOR	.973
LAB	GTL	GTL	

1.5 FLOAT/SINK ANALYSIS OF SEAM COMPONENTS

COMPONENT NO. B-94 INTERVAL 147.30-153.80

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	24.30	9.97	.71	26.07	63.25	.39	7.5
1.5 SINK	75.70	66.87					
TOTAL	100.00	53.04					
DRY BASIS		10.04		26.26	63.70		
D.M.M.F. BASIS		-		28.44	71.56		

COMPONENT NO. -95 INTERVAL

AIR DRIED BASIS

	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	82.20	5.99	.64	25.72	67.65	.27	8.5
1.5 SINK	17.80	33.41					
TOTAL	100.00	10.87					
DRY BASIS		6.03		25.89	68.09		
D.M.M.F. BASIS		-		27.10	72.90		

COAL ANALYSIS PREPARED BY
GENERAL TESTING LABORATORIES
SIGNED:

PROJECT:BELCOURT AREA:HOLTSLANDER
DATE SAMPLED:30/10/78 DATE ANALYSED:28/ 2/79
DRILL HOLE #:BD7816 SEAM: 6
LAB COMPOSITE #: 810-47 WT. REC. 9.68
DATA POINT COORDINATES : N 48968.08 E 70323.14
DATA POINT ELEVATION : 1106.86 M

COMPOSITE DESCRIPTION		MINING SECTION
INTERVAL	94.13-97.40	94.13-97.40
THICKNESS	3.27	3.27
DIP	15	15
COAL/COAL+ROCK	2.10/ 3.16	2.10/ 3.16
DRILL CORE RECOVERY	68.80%	68.80 %
ESTIMATED YIELD	******	

GENERAL TESTING LABS

SIMULATED PRODUCT SIZE	3/8 X 28	28 X 100	100 X 0
CUTPOINT	SP.G. 1.55	SP.G. 1.70	SEC. 45
CONTRIBUTION	14.4	15.0	7.5

	AIR DRIED	DRY BASIS	D.M.M.F.
YIELD	36.90		
MOISTURE	.74		
ASH	7.53	7.59	
VOLATILE	24.89	25.08	26.57
F.C.	66.84	67.34	73.43
SULPHUR	.29		
PHOSPHORUS	.046		
S.P.G.	1.210		
F.S.I.	5.0		
HARDGROVE	******		

HEAD ANALYSIS - COMPOSITE RAW COAL

	AIR DRIED	DRY BASIS	D.M.M.F.
MOISTURE	.65		
ASH	56.73	57.10	
VOLATILE	15.19	15.29	27.80
F.C.	27.43	27.61	72.20
F.S.I.	2.5		
SULPHUR	.26		
SP.GR. (-3/8 MESH)	1.71		
PHOSPHORUS	.095		
HARDGROVE	57		

DRILL HOLE #:807816 SEAM: 6

FLOAT SINK ANALYSES

SIZE REL. WEIGHT
3/8 X 28 67.11

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	17.25	5.42	17.25	5.42	82.75	82.65	******	4.5
1.50	2.30	17.49	19.55	6.84	80.45	84.52	******	3.5
1.55	1.95	22.06	21.50	8.22	78.50	86.07	******	3.5
1.60	1.20	27.89	22.70	9.26	77.30	86.97	******	3.5
1.70	.90	40.20	23.60	10.44	76.40	87.52	******	3.5
1.80	.35	55.60	23.95	11.10	76.05	87.67	******	3.5
****	76.05	87.67	100.00	69.33	**********		**********	2.5

SIZE REL. WEIGHT
28 X 100 22.73

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	54.95	5.89	54.95	5.89	45.05	67.05	******	7.0
1.50	.70	10.66	55.65	5.95	44.35	67.94	******	7.0
1.60	6.30	17.65	61.95	7.14	38.05	76.26	******	6.0
1.70	4.10	30.18	66.05	8.57	33.95	81.83	******	5.5
1.80	.90	41.30	66.95	9.01	33.05	82.93	******	5.0
1.90	3.80	69.15	70.75	12.24	29.25	84.72	******	5.0
****	29.25	84.72	100.00	33.44	**********		**********	5.0

FROTH FLOATATION

SIZE REL. WEIGHT
100 X 0 10.16

TIME.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	F.S.I.	CUM FSI
45.	73.43	9.77	73.43	9.77	******	7.5
90.	6.18	64.62	79.61	14.03	******	7.0
135.	5.71	82.60	85.32	18.62	******	6.5
180.	5.34	88.17	90.66	22.71	******	6.0
225.	9.34	91.70	100.00	29.16	******	5.5

DRILL HOLE #:BD7816 SEAM: 6

FLUIDITY		DILATATION	
START TEMP.	417.0	SOFT.TEMP.	388.0
FINAL TEMP.	492.0	SOLID.TEMP.	470.0
MAX.FLUIDITY TEMP.	469.0	MAX.CONTRACTION	25.0
MAX.FLUIDITY(DDPM)	12.0	MAX.DILATATION	-3.0
MAX.FLUIDITY(LOG)	1.079	G.FACTOR	.892
LAB	GTL	GTL	

1.5 FLOAT/SINK ANALYSIS OF SEAM COMPONENTS

COMPONENT NO. B-96 INTERVAL 94.13-97.40

		AIR DRIED BASIS					
	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	32.30	6.07	.74	25.39	67.80	.42	6.0
1.5 SINK	67.70	80.94					
TOTAL	100.00	56.76					
DRY BASIS		6.12		25.58	68.31		
D.M.M.F. BASIS		-		26.75	73.25		

COMPONENT NO. B-97 INTERVAL

		AIR DRIED BASIS					
	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	62.30	9.79	.70	23.66	65.85	.70	5.0
1.5 SINK	37.70	45.65					
TOTAL	100.00	23.31					
DRY BASIS		9.86		23.83	66.31		
D.M.M.F. BASIS		-		25.58	74.42		

COAL ANALYSIS PREPARED BY
GENERAL TESTING LABORATORIES
SIGNED:

PROJECT:BELCOURT AREA:HOLTSLANDER
DATE SAMPLED:30/11/78 DATE ANALYSED:28/ 2/79
DRILL HOLE #:BD7816 SEAM: B
LAB COMPOSITE #: B10-48 WT. REC. 3.04
DATA POINT COORDINATES : N 48968.08 E 70323.14
DATA POINT ELEVATION : 1106.86 M

COMPOSITE DESCRIPTION		MINING SECTION
INTERVAL	39.05-40.90	39.05-40.90
THICKNESS	1.85	1.85
DIP	10	10
COAL/COAL+ROCK	1.70/ 1.82	1.70/ 1.82
DRILL CORE RECOVERY	57.30%	57.30 %
ESTIMATED YIELD	******	

GENERAL TESTING LABS

SIMULATED PRODUCT

SIZE	3/8 X 28	28 X 100	100 X 0
CUTPOINT	SP.G. 1.55	SP.G. 1.70	SEC. 45
CONTRIBUTION	52.3	20.2	9.4

	AIR DRIED	DRY BASIS	D.M.M.F.
YIELD	81.88		
MOISTURE	.73		
ASH	7.97	8.03	
VOLATILE	23.77	23.94	25.41
F.C.	67.53	68.03	74.59
SULPHUR	.36		
PHOSPHORUS	.043		
S.P.G.	1.220		
F.S.I.	3.5		
HARDGROVE	******		

HEAD ANALYSIS - COMPOSITE RAW COAL

	AIR DRIED	DRY BASIS	D.M.M.F.
MOISTURE	.63		
ASH	17.20	17.31	
VOLATILE	22.65	22.79	26.21
F.C.	59.52	59.90	73.79
F.S.I.	2.5		
SULPHUR	.38		
SP.GR. (-3/8 MESH)	1.27		
PHOSPHORUS	.033		
HARDGROVE	66		

DRILL HOLE #:BD7816 SEAM: B

FLOAT SINK ANALYSES

SIZE REL. WEIGHT
3/8 X 28 68.81

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	54.55	6.12	54.55	6.12	45.45	35.97	******	2.5
1.50	8.50	11.53	63.05	6.85	36.95	41.60	******	2.0
1.55	12.90	21.80	75.95	9.39	24.05	52.22	******	2.0
1.60	4.80	31.26	80.75	10.69	19.25	57.44	******	2.0
1.70	4.90	43.38	85.65	12.56	14.35	62.25	******	1.5
1.80	3.20	53.10	88.85	14.02	11.15	64.87	******	1.5
****	11.15	64.87	100.00	19.69	**********	**********	**********	1.0

SIZE REL. WEIGHT
28 X 100 21.52

SP.G.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	CUM. SINKS WT%	CUM. SINKS ASH%	F.S.I.	CUM FSI
1.40	74.55	5.75	74.55	5.75	25.45	30.19	******	4.0
1.50	2.50	10.37	77.05	5.90	22.95	32.35	******	4.0
1.60	10.90	19.05	87.95	7.53	12.05	44.38	******	3.5
1.70	5.95	30.10	93.90	8.96	6.10	58.30	******	3.5
1.80	1.00	40.28	94.90	9.29	5.10	61.84	******	3.5
1.90	1.15	52.72	96.05	9.81	3.95	64.49	******	3.5
****	3.95	64.49	100.00	11.97	**********	**********	**********	3.0

FROTH FLOATATION

SIZE REL. WEIGHT
100 X 0 9.67

TIME.	WT%	ASH%	CUM. FLOATS WT%	CUM. FLOATS ASH%	F.S.I.	CUM FSI
45.	95.48	9.75	95.48	9.75	******	5.5
90.	1.88	53.54	97.36	10.60	******	5.5
135.	1.14	68.07	98.50	11.26	******	5.5
180.	.67	75.19	99.17	11.69	******	5.0
225.	.83	81.62	100.00	12.27	******	4.0

DRILL HOLE #:BD7816 SEAM: B

FLUIDITY		DILATATION	
START TEMP.	451.0	SOFT.TEMP.	395.0
FINAL TEMP.	501.0	SOLID.TEMP.	******
MAX.FLUIDITY TEMP.	468.0	MAX.CONTRACTION	20.0
MAX.FLUIDITY(DDPM)	2.0	MAX.DILATATION	******
MAX.FLUIDITY(LOG)	.301	G.FACTOR	******
LAB	GTL	GTL	

1.5 FLOAT/SINK ANALYSIS OF SEAM COMPONENTS

COMPONENT NO. B-98 INTERVAL 39.05-40.90

			AIR DRIED BASIS				
	WT%	ASH%	MOIST	VOL.	F.C.	S.	F.S.I.
1.5 FLOAT	68.50	7.34	.75	24.51	67.40	.33	4.5
1.5 SINK	31.50	36.96					
TOTAL	100.00	16.67					
DRY BASIS		7.40		24.70	67.91		
D.M.M.F. BASIS		-		26.10	73.90		

COAL ANALYSIS PREPARED BY
GENERAL TESTING LABORATORIES
SIGNED:

APPENDIX III (ii)

1978 DRILL CORE DILATATION AND FLUIDITY TEST RESULTS

APPENDIX III (ii)(i)

1978 DRILL CORE FLUIDITY TEST RESULTS

1978 DRILL CORE
DILATATION AND FLUIDITY TEST RESULTS

SEAM

DRILL HOLE		LAB	FLUIDITY				
			START TEMP	FINAL TEMP	MAX FLUID TEMP	MAX FLUID DDPM	MAX FLUID (LOG)
BD7801	1	GTL	438.0	507.0	473.0	61.0	1.785
BD7802	1	GTL	442.0	503.0	475.0	25.0	1.398
BD7806	1	GTL	**********		461.0	1.0	*******
BD7807	1	GTL	438.0	503.0	471.0	8.0	.903
BD7808	1	GTL	**********		471.0	.1	1.000
BD7809	1	GTL	**********		481.0	.4	-.398
BD7810	1	GTL	457.0	500.0	472.0	3.0	.477
BD7812	1	GTL	443.0	501.0	470.0	16.0	1.204
BD7814	1	GTL	434.0	501.0	470.0	124.0	2.093
BD7816	1	GTL	433.0	504.0	470.0	171.0	2.233
BD7816	1	GTL	432.0	504.0	470.0	149.0	2.173
BD7802	2	GTL	439.0	496.0	470.0	14.0	1.146
BD7806	2	GTL	**********		486.0	.4	-.398
BD7807	2	GTL	452.0	499.0	468.0	2.0	.301
BD7809	2	GTL	**********		492.0	.9	-.046
BD7810	2	GTL	458.0	513.0	478.0	4.0	.602
BD7812	2	GTL	424.0	498.0	469.0	23.0	1.362
BD7814	2	GTL	441.0	501.0	472.0	43.0	1.633
BD7802	3	GTL	436.0	498.0	469.0	32.0	1.505
BD7806	3	GTL	**********		480.0	.4	-.398
BD7810	3	GTL	438.0	497.0	464.0	3.0	.477
BD7801	5	GTL	443.0	500.0	471.0	8.0	.903
BD7806	5	GTL	436.0	509.0	474.0	6.0	.778
BD7809	5	GTL	**********		488.0	.8	-.097
BD7814	5	GTL	442.0	504.0	472.0	30.0	1.477
BD7816	5	GTL	438.0	502.0	470.0	44.0	1.643
BD7801	6	GTL	446.0	500.0	469.0	5.0	.699
BD7802	6	GTL	452.0	494.0	468.0	2.0	.301
BD7802	6	GTL	432.0	496.0	464.0	40.0	1.602
BD7805	6	GTL	445.0	496.0	471.0	4.0	.602
BD7806	6	GTL	448.0	514.0	487.0	10.0	1.000
BD7806	6	GTL	465.0	511.0	499.0	8.0	.903
BD7812	6	GTL	400.0	491.0	459.0	53.0	1.724
BD7812	6	GTL	434.0	498.0	466.0	7.0	.845
BD7814	6	GTL	431.0	496.0	469.0	21.0	1.322
BD7814	6	GTL	440.0	493.0	466.0	14.0	1.146
BD7816	6	GTL	417.0	492.0	469.0	12.0	1.079
BD7802	7	GTL	426.0	493.0	465.0	113.0	2.053
BD7808	7	GTL	**********		473.0	.7	-.155
BD7801	8	GTL	**********		464.0	1.0	*******
BD7802	8	GTL	430.0	492.0	463.0	27.0	1.431
BD7808	8	GTL	446.0	515.0	480.0	61.0	1.785
BD7814	8	GTL	414.0	488.0	462.0	27.0	1.431
BD7816	8	GTL	451.0	501.0	468.0	2.0	.301
BD7810	-KGT	GTL	470.0	512.0	484.0	8.0	.903
BD7815	-KGT	GTL	469.0	506.0	484.0	1.0	*******
BD7815	-KGT	GTL	458.0	508.0	466.0	3.0	.477

APPENDIX III (ii)(ii)

1978 DRILL CORE DILATATION TEST RESULTS

1978 DRILL CORE
DILATATION AND FLUIDITY TEST RESULTS

SEAM

DRILL HOLE		LAB	DILATATION				
			SOFT TEMP	SOLID TEMP	MAX CONT	MAX DIL	G FACT
BD7801	1	GTL	384.0	474.0	28.0	7.0	.941
BD7802	1	GTL	385.0	470.0	27.0	2.0	.921
BD7806	1	GTL	443.0*******		11.0**********		
BD7807	1	GTL	386.0	478.0	27.0	-6.0	.857
BD7809	1	GTL	440.0*******		12.0**********		
BD7810	1	GTL	407.0*******		26.0**********		
BD7812	1	GTL	389.0	470.0	27.0	3.0	.930
BD7814	1	GTL	380.0	463.0	23.0	26.0	1.006
BD7816	1	GTL	386.0	470.0	22.0	37.0	1.026
BD7816	1	GTL	387.0	470.0	27.0	36.0	1.014
BD7802	2	GTL	390.0	470.0	26.0	-2.0	.902
BD7806	2	GTL	430.0*******		19.0**********		
BD7807	2	GTL	410.0*******		23.0**********		
BD7809	2	GTL	434.0*******		24.0**********		
BD7810	2	GTL	410.0*******		26.0**********		
BD7812	2	GTL	386.0	470.0	25.0	13.0	.970
BD7814	2	GTL	386.0	470.0	27.0	34.0	1.011
BD7802	3	GTL	390.0	468.0	25.0	19.0	.988
BD7806	3	GTL	442.0*******		13.0**********		
BD7810	3	GTL	407.0*******		27.0**********		
BD7801	5	GTL	397.0	476.0	23.0	-18.0	.574
BD7806	5	GTL	417.0*******		26.0**********		
BD7809	5	GTL	431.0*******		23.0**********		
BD7814	5	GTL	387.0	471.0	27.0	20.0	.986
BD7816	5	GTL	381.0	470.0	26.0	15.0	.973
BD7801	6	GTL	392.0	476.0	28.0	-17.0	.716
BD7802	6	GTL	384.0	471.0	25.0	29.0	1.008
BD7802	6	GTL	397.0*******		23.0**********		
BD7805	6	GTL	395.0*******		28.0**********		
BD7806	6	GTL	406.0	486.0	25.0	12.0	.969
BD7806	6	GTL	403.0	487.0	29.0	-17.0	.734
BD7812	6	GTL	380.0	467.0	27.0	31.0	1.007
BD7812	6	GTL	383.0	464.0	27.0	37.0	1.015
BD7814	6	GTL	382.0	462.0	29.0	7.0	.945
BD7814	6	GTL	388.0	472.0	27.0	20.0	.986
BD7816	6	GTL	388.0	470.0	25.0	-3.0	.892
BD7802	7	GTL	379.0	465.0	29.0	52.0	1.030
BD7808	7	GTL	416.0*******		21.0**********		
BD7801	8	GTL	406.0*******		24.0**********		
BD7802	8	GTL	385.0	468.0	26.0	7.0	.947
BD7808	8	GTL	362.0	473.0	23.0	23.0	1.000
BD7814	8	GTL	378.0	459.0	25.0	15.0	.976
BD7816	8	GTL	395.0*******		20.0**********		
BD7810	-KGT	GTL	407.0*******		24.0**********		
BD7815	-KGT	GTL	414.0*******		23.0**********		
BD7815	-KGT	GTL	414.0*******		22.0**********		

APPENDIX III (iii)

COAL QUALITY OF PROPOSED OPEN PIT AREAS

POTENTIAL PIT AREA COAL QUALITY

Pit RED DEER

DRILL HOLE	SEAM	ASH	VOLATILES	DMMF VOLATILES	MOISTURE	FIXED CARBON	SULPHUR	F.S.I.	PHOSPHOROUS	CLEAN COAL ($x10^6$) (TONNES)
7802	1	6.50	26.27	27.84	0.68	66.55	.20	7.5	.028	18.78
	3	6.98	26.74	28.49	0.79	65.49	.26	7	.027	11.75
	2	7.07	26.36	28.06	0.64	65.93	.24	6.5	.039	7.98
	6	6.91	25.37	26.85	0.62	67.10	.56	7.5	.030	0.97
	6	5.75	24.89	26.14	0.77	68.59	.45	5.5	.129	2.72
	6	6.57	27.22	28.71	0.69	65.52	.90	7.5	.029	1.22
	6	7.37	27.26	29.01	0.56	64.81	.55	7.5	.017	0.55
	7	6.52	28.19	29.84	0.81	64.48	.74	7.5	.064	2.30
	8	6.30	29.08	30.70	0.55	64.07	.59	7	.050	2.17
7810	1	6.59	24.00	25.47	0.98	68.43	.26	6.5	.019	0.40
	3	6.57	25.43	27.07	1.19	66.81	.29	6	.054	0.26
	2	5.09	23.43	24.64	1.47	70.01	.38	6.5	.016	0.28
Weighted Averages*		6.67	26.51	28.13	0.71	66.11	.31	7-8	.038	

Pit HOLTSLANDER NORTH

										Case A	Case B
7815	1	6.46	24.52	25.93	0.75	68.27	.31	7.5	.043	9.85	7.86
	1	8.95	23.81	25.67	0.67	66.57	.42	7	.019	3.14	2.51
	5	8.87	24.70	26.69	0.84	65.59	.31	6	.020	13.13	10.42
	6	7.53	24.89	26.57	0.74	66.84	.29	5	.046	3.27	2.50
	8	7.97	23.77	25.41	0.73	67.53	.36	3.5	.043	1.68	1.10
Weighted Averages*											
CASE A		7.92	24.53	26.27	0.78	66.77	.32	6-7	.031		
CASE B		7.92	24.52	26.26	0.78	66.78	.32	6-7	.031		

* weighted according to reserve calculation clean coal (tonnes).

POTENTIAL PIT AREA COAL QUALITY

Pit PTARMIGAN

DRILL HOLE	SEAM	ASH	VOLATILES	DMMF VOLATILES	MOISTURE	FIXED CARBON	SULPHUR	F.S.I.	PHOSPHOROUS	CLEAN COAL (x10^6) (TONNES)
7809	1	7.41	18.56	19.54	0.76	73.27	.33	3.5	.033	5.59
	2	8.50	17.34	18.29	0.58	73.58	.51	4	.008	3.51
	5	6.36	18.84	19.73	0.59	74.16	.43	4.5	.043	16.70
	3	poor recovery								
Weighted Averages*		6.88	18.61	19.50	0.63	73.89	.42	4-5	.036	

Pit OMEGA

DRILL HOLE	SEAM	ASH	VOLATILES	DMMF VOLATILES	MOISTURE	FIXED CARBON	SULPHUR	F.S.I.	PHOSPHOROUS	CLEAN COAL (x10^6) (TONNES) Case A	Case B
7806	1	7.76	19.48	20.60	0.54	72.22	.34	4	.041	5.50	13.21
	2	7.68	18.53	19.50	0.57	73.22	.50	4.5	.03	2.96	7.19
	3	9.06	17.89	19.00	0.52	72.53	.41	3.5	.021	5.04	12.13
	5	7.01	20.95	22.07	0.52	71.52	.38	7	.03	4.62	13.67
	4	6.59	18.52	19.25	0.58	74.31	.76	5.5	.011	0.30	1.54
	6	4.74	18.94	19.49	0.54	75.78	.60	4	.047	0.10	1.18
	6	4.36	21.08	21.66	0.45	74.11	.67	8.5	.034	1.09	4.72
	6	4.66	21.55	22.28	0.61	73.18	.54	8	.085	0.13	1.38
Weighted Averages*											
CASE A		7.66	19.36	20.41	0.53	72.45	.42	4-5	.031		
CASE B		7.38	19.52	20.54	0.53	72.57	.44	5-6	.032		

*weighted according to reserve calculation clean coal (tonnes).

APPENDIX III (iv)

LIST OF SAMPLES SENT FOR 30 LB. COKE TEST

LIST OF SAMPLES FOR 30 LB. COKE TESTS

S. No.	Drill Hole No.(s)	Seam No.	Lab. Ref. No.	Remarks
1	BD - 7802	1	B10-05	coke tests using 100% component coal and reference blend coal
	- 7810	1	-29	
	- 7812	1	-32	
2	BD - 7807	1	B10-19	coke tests using 100% component coal and reference blend coal
3	BD - 7802	3	B10-06	coke tests using reference blend coals only
	- 7810	3	-30	
	- 7812	3	-33	
4	BD - 7801	1	B10-01	"
	- 7814	1	-36	
	- 7816	1	-44	
5	BD - 7801	5	B10-02	"
	- 7814	5	-38	
	- 7816	5	-46	
6	BD - 7801	6	B10-03	"
	- 7814	6	-39 & 40	
	- 7816	6	-47	
7	BD - 7808	1	B10-21	"
8	BD - 7806	1	B10-13	"
	- 7809	1	-24	
9	BD - 7806	2	B10-14	"
	- 7809	2	B10-25	
10	BD - 7806	5	B10-16	"
	- 7809	5	-26	

APPENDIX III (v)

LIST OF SAMPLES SENT FOR PETROGRAPHIC STUDIES

TABLE 1

LIST OF SAMPLES FOR PETROGRAPHIC STUDIES

S. No.	Drill Hole No.	Seam No.	Lab. Ref. No.
1*	BD 7801	1	B-10-01
2*	BD 7801	5	B-10-02
3*	BD 7801	6	B-10-03
4	BD 7802	1	B-10-05
5	BD 7802	3	B-10-06
6*	BD 7806	1	B-10-13
7*	BD 7806	2	B-10-14
8*	BD 7806	3	B-10-15
9*	BD 7806	5	B-10-16
10*	BD 7807	1	B-10-19
11	BD 7808	1	B-10-21
12	BD 7809	1	B-10-24
13	BD 7809	2	B-10-25
14	BD 7809	5	B-10-26
15	BD 7810	1	B-10-29
16	BD 7810	3	B-10-30
17*	BD 7812	1	B-10-32
18*	BD 7812	2	B-10-33
19	BD 7814	1	B-10-36
20	BD 7814	5	B-10-38
21	BD 7814	6	B-10-39
22	BD 7814	6	B-10-40
23	BD 7816	1	B-10-44
24	BD 7816	5	B-10-46
25	BD 7816	6	B-10-47
26	BD 7810	Gething	B-10-28
27	BD 7811	Gething	B-102
28	BD 7811	Nikanassin	B-103
29	BD 7815	Gething	B-10-42

Note: *indicates duplicate samples sent to Cascade Coal Petrography Limited, Calgary.

APPENDIX III (vi)

PETROGRAPHIC DATA

PETROGRAPHIC ANALYSIS
OF
DENISON MINE SAMPLES
BD 78-01, # BD 78-06,
BD 78-07, # BD 78-12.

CASCADE COAL PETROGRAPHY LIMITED

CASCADE COAL PETROGRAPHY LIMITED

538 CLEVELAND CRES. S.E. CALGARY, ALBERTA T2G 4A9

TELEPHONE: 287-1214 — 287-1215

PETROGRAPHIC ANALYSIS

OF

DENISON MINES SAMPLES

BD 78-01 - SEAMS 1, 5, & 6

BD 78-06 - SEAMS 1, 2, 3, & 5

BD 78-07 - SEAM 1

BD 78-12 - SEAMS 1 &2

SAMPLE IDENTIFICATION

LAB #	HOLE #	SEAM #	CCP #
B10-01	BD 78-01	1	79-038
B10-02	BD 78-01	5	79-039
B10-03	Bd 78-01	6	79-040
B10-13	BD 78-06	1	79-041
B10-14	BD 78-06	2	79-042
B10-15	BD 78-06	3	79-043
B10-16	BD 78-06	5	79-044
B10-19	BD 78-07	1	79-045
B10-32	BD 78-12	1	79-046
B10-33	BD 78-12	2	79-047

SAMPLE RECEPTION

These samples arrived at this laboratory on 16 February, 1979 from General Testing, Vancouver in individual plastic bags.

SAMPLE PREPARATION

Each sample was coned and quartered until approximately eight grams was obtained. Each eight gram sample was then pelletized and polished.

SAMPLE METHODOLOGY

Reflectance analysis was completed on fifty Vitrinite points and Maceral determinations were carried out on a five hundred point count.

To obtain the caculated coke stability the Schapiro and Grey et al method was used.

Microscope Specifications.

Magnification to ocular		750X
Magnification to photo-electric cell		750X
Light wave length		546nm
Filter used		S546-19
Limiting aperture size		5
Field aperture		250
Glass standard used in calibration,%Ro		1.006
Polarizer setting		45 degrees
Light source		Quartz-Halogen
Type of Photometer		Leitz,E.M.I. S20.
Type of stabilizer		Leitz
Refractive index of oil	Wavelength Measured or Reported	1.5180 @ 546nm. Reported
Time after polishing reflectance was taken		10 hours
Reflectance standardisation		After each 25 readings

The above specification chart corresponds to all standards in use presently by the Canadian Coal Petrographers Association.

TABLE 1.—CLASSIFICATION OF COALS BY RANK.[a]

Legend: FC = Fixed Carbon VM = Volatile Matter Btu = British thermal units

Class	Group	Limits of Fixed Carbon or Btu Mineral-Matter-Free Basis	Requisite Physical Properties	R_o	
I. Anthracitic	1. Meta-anthracite	Dry FC, 98 per cent or more (Dry VM, 2 per cent or less)		> 6.0	
	2. Anthracite	Dry FC, 92 per cent or more and less than 98 per cent (Dry VM, 8 per cent or less and more than 2 per cent)		2.6 - 6.0	
	3. Semianthracite	Dry FC, 86 per cent or more and less than 92 per cent (Dry VM, 14 per cent or less and more than 8 per cent)	Nonagglomerating[b]	1.85 - 2.6	
II. Bituminous[c]	1. Low volatile bituminous coal	Dry FC, 78 per cent or more and less than 86 per cent (Dry VM, 22 per cent or less and more than 14 per cent)		1.4 - 1.85	
	2. Medium volatile bituminous coal	Dry FC, 69 per cent or more and less than 78 per cent (Dry VM, 31 per cent or less and more than 22 per cent)	Reliably Break-off. →	1.0 - 1.4	
	3. High volatile *A* bituminous coal	Dry FC, less than 69 per cent (Dry VM, more than 31 per cent); and moist[d] Btu, 14,000[e] or more		.68 - 1.0	
	4. High volatile *B* bituminous coal	Moist[d] Btu, 13,000 or more and less than 14,000[e]		.59 - .68	
	5. High volatile *C* bituminous coal	Moist Btu, 11,000 or more and less than 13,000[e]	Either agglomerating or nonweathering[f]	.48 - .59	Same
III. Subbituminous	1. Subbituminous *A* coal	Moist Btu, 11,000 or more and less than 13,000[e]	Both weathering and nonagglomerating	.48 - .59	
	2. Subbituminous *B* coal	Moist Btu, 9500 or more and less than 11,000[e]		.41 - .48	
	3. Subbituminous *C* coal	Moist Btu, 8300 or more and less than 9500[e]		.33 - .41	
IV. Lignitic	1. Lignite	Moist Btu, less than 8300	Consolidated	0 - .33	
	2. Brown coal	Moist Btu, less than 8300	Unconsolidated		

[a] This classification does not include a few coals which have unusual physical and chemical properties and which come within the limits of fixed carbon or Btu of the high-volatile bituminous and subbituminous ranks. All of these coals either contain less than 48 per cent dry, mineral-matter-free fixed carbon or have more than 15,500 moist, mineral-matter-free Btu.

[b] If agglomerating, classify in low-volatile group of the bituminous class.

[c] Moist Btu refers to coal containing its natural bed moisture but not including visible water on the surface of the coal.

[d] It is recognized that there may be noncoking varieties in each group of the bituminous class.

[e] Coals having 69 per cent or more fixed carbon on the dry, mineral-matter-free basis shall be classified according to fixed carbon, regardless of Btu.

[f] There are three varieties of coal in the high-volatile C bituminous coal group, namely: Variety 1, agglomerating and nonweathering; Variety 2, agglomerating and weathering; Variety 3, nonagglomerating and nonweathering.

REFLECTANCE DATA

SAMPLE No / CCP No	MEAN MAX. REFLECTANCE	V - TYPES													VM%	ASH	SUL.
		V-7	V-8	V-9	V-10	V-11	V-12	V-13	V-14	V-15	V-16	V-17	V-18	V-19			
BD 78-01 Seam # 1 CCP-79-038	1.1980				4	21	23	2							27	7.76	0.26
BD 78-01 Seam # 5 CCP-79-039	1.1732				5	29	13	3							27	8.34	0.33
BD 78-01 Seam # 6 CCP-79-040	1.1704				4	30	16								27	7.75	0.42
BD 78-06 Seam # 1 CCP-79-041	1.6118								2	17	26	5			17	7.76	0.34
BD 78-06 Seam # 2 CCP-79-042	1.6170								4	14	25	7			17	7.68	0.50

REFLECTANCE DATA

SAMPLE No CCP No	MEAN MAX. REFLECTANCE	V - TYPES													VM%	ASH	SUL.
		V-7	V-8	V-9	V-10	V-11	V-12	V-13	V-14	V-15	V-16	V-17	V-18	V-19			
BD 78-06 Seam # 3 CCP-79-043	1.6202								4	13	26	7			17	9.06	0.41
BD 78-06 Seam # 5 CCP-79-044	1.5412							2	12	24	11	1			19	7.01	0.38
BD 78-07 Seam # 1 CCP-79-045	1.2334					15	29	3	3						26	6.49	0.34
BD 78-12 Seam # 1 CCP-79-046	1.1468				12	25	13								28	7.93	0.24
BD 78-12 Seam # 2 CCP-79-047	1.1646				5	32	13								27	6.54	0.31

CASCADE COAL PETROGRAPHY LIMITED

MACERAL DATA.

SAMPLE No CCP No	VITRINITE	EXINITE	SEMIFUSINITE	MACRINITE	MICRINITE	FUSINITE	MINERAL MATTER	REACTIVES %	INERTS %	COMPOSITIONAL BALANCE INDEX	STRENGTH INDEX	PREDICTED COKE STABILITY	APPROX. JIS DRUM INDEX
BD 78-01 Seam # 1 CCP-79-038	57.58	0.96	27.26	2.11	3.65	5.18	3.26	66.93	33.07	1.44	4.52	56.0	92+
BD 78-01 Seam # 5 CCP-79-039	58.72	1.83	25.14	2.02	3.49	4.95	3.85	68.39	31.61	1.31	4.50	58.0	93
BD 78-01 Seam # 6 CCP-79-040	63.86	3.01	19.68	2.41	3.21	5.02	2.81	72.31	27.69	1.08	4.52	60.7	93+
BD 78-06 Seam # 1 CCP-79-041	59.25	0.19	28.04	1.68	2.24	5.61	2.99	67.86	32.14	3.98	7.05	50+	91+
BD 78-06 Seam # 2 CCP-79-042	61.06	---	26.60	1.28	4.47	3.40	3.19	69.12	30.88	3.74	7.08	51.4	91+

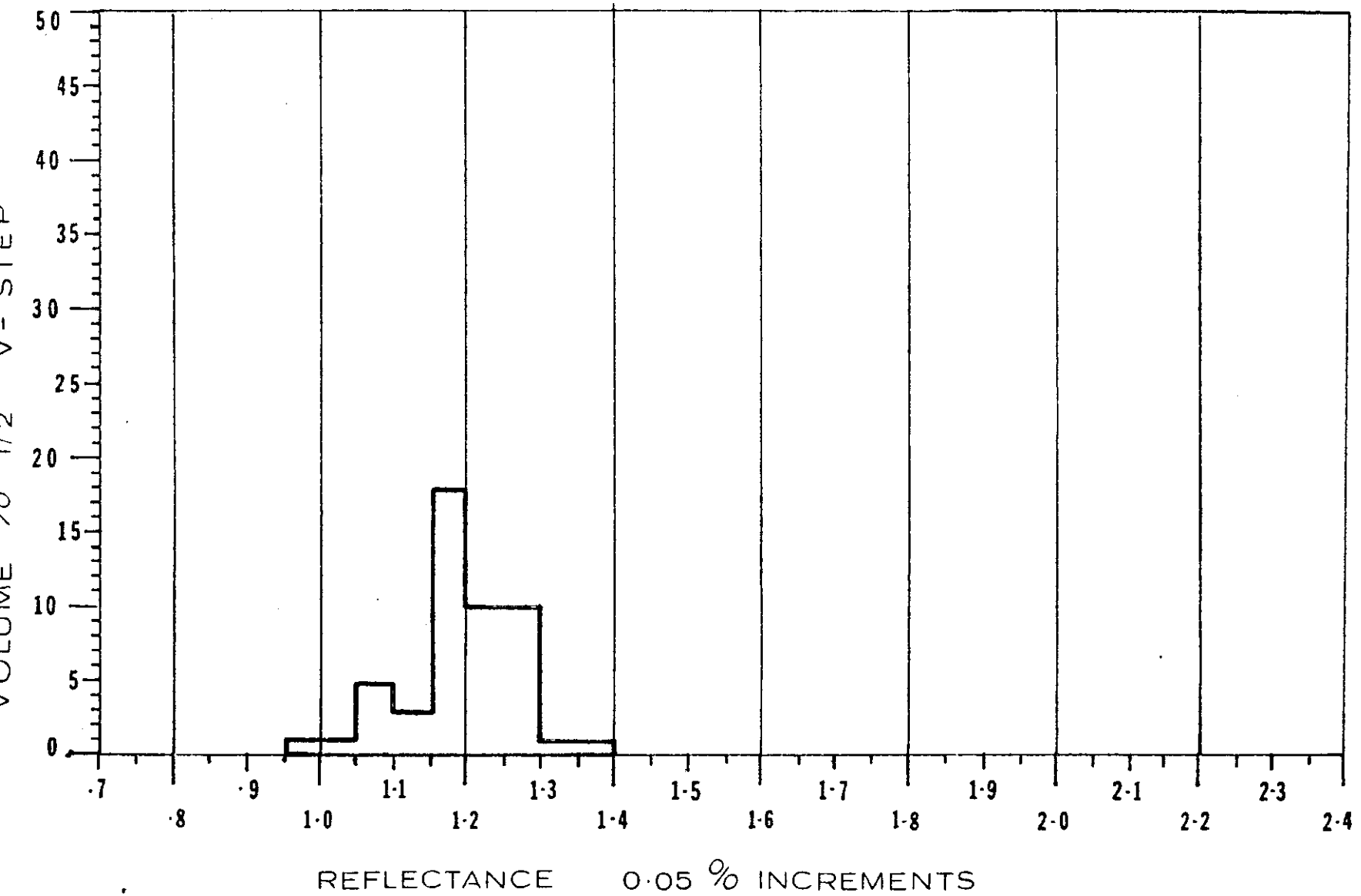
CASCADE COAL PETROGRAPHY LIMITED

MACERAL DATA.

SAMPLE No CCP No	VITRINITE	EXINITE	SEMIFUSINITE	MACRINITE	MICRINITE	FUSINITE	MINERAL MATTER	REACTIVES %	INERTS %	COMPOSITIONAL BALANCE INDEX	STRENGTH INDEX	PREDICTED COKE STABILITY	APPROX. JIS DRUM INDEX
BD 78-06 Seam # 3 CCP-79-043	61.48	----	28.07	1.84	2.05	3.69	2.87	69.28	30.72	3.74	7.09	51.4	91+
BD 78-06 Seam # 5 CCP-79-044	68.55	----	21.17	1.05	2.10	4.19	2.93	74.86	25.14	2.25	7.05	61+	92+
BD 78-07 Seam # 1 CCP-79-045	66.17	2.55	17.87	2.34	3.62	4.26	3.19	74.37	25.63	1.08	4.88	62.5	93+
BD 78-12 Seam # 1 CCP-79-046	57.06	2.42	27.02	2.42	2.82	4.64	3.62	67.96	32.04	1.29	4.33	56.2	92
BD 78-12 Seam # 2 CCP-79-047	58.49	3.21	25.47	1.89	3.21	4.90	2.83	70.01	29.99	1.19	4.45	59.4	93

SAMPLE BD78-01 Seam # 1

CCP 79-038

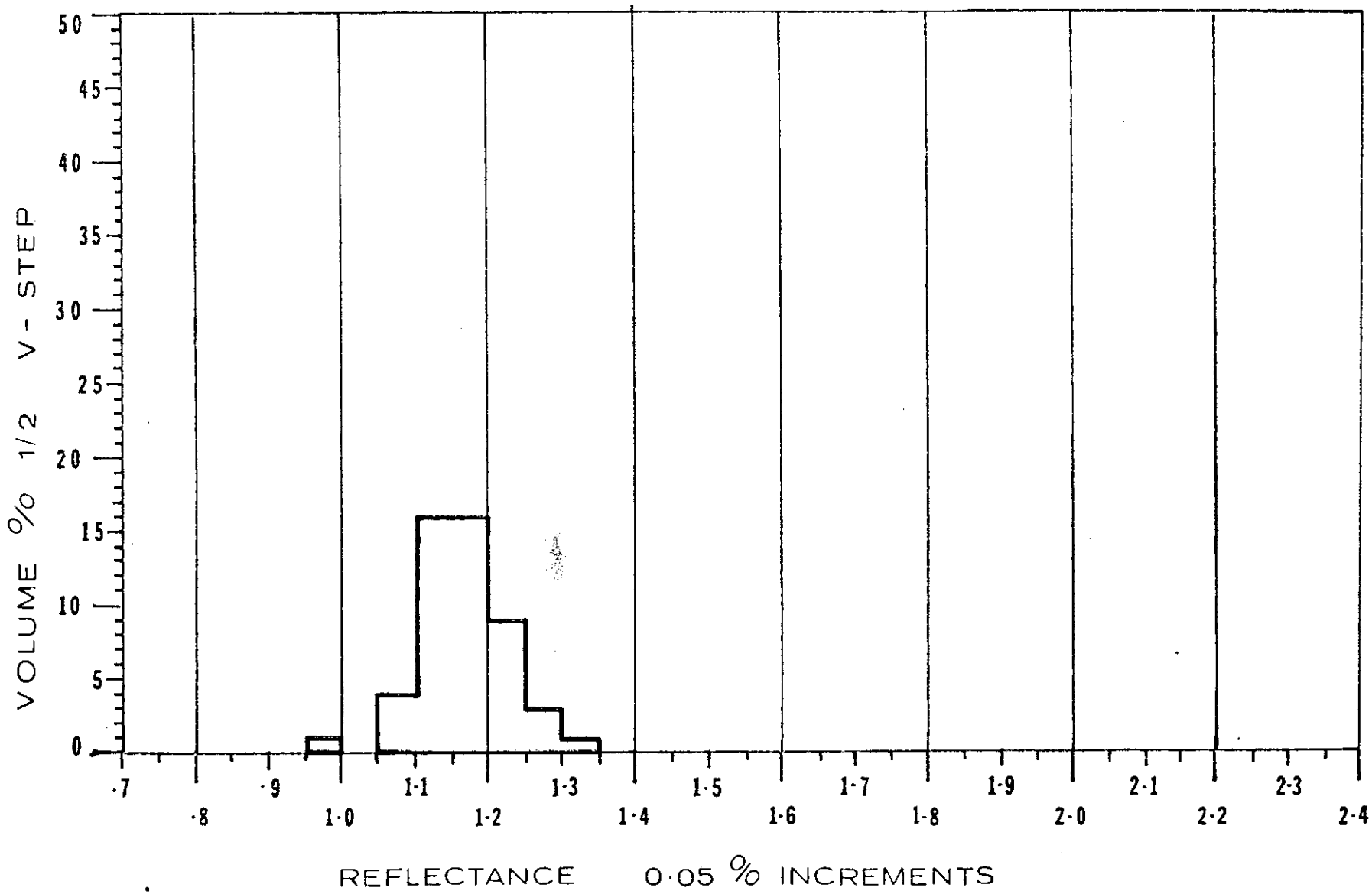


VITRINITE REFLECTANCE & HISTOGRAM

CASCADE COAL PETROGRAPHY LIMITED

SAMPLE BD78-01 Seam # 5

CCP 79-039



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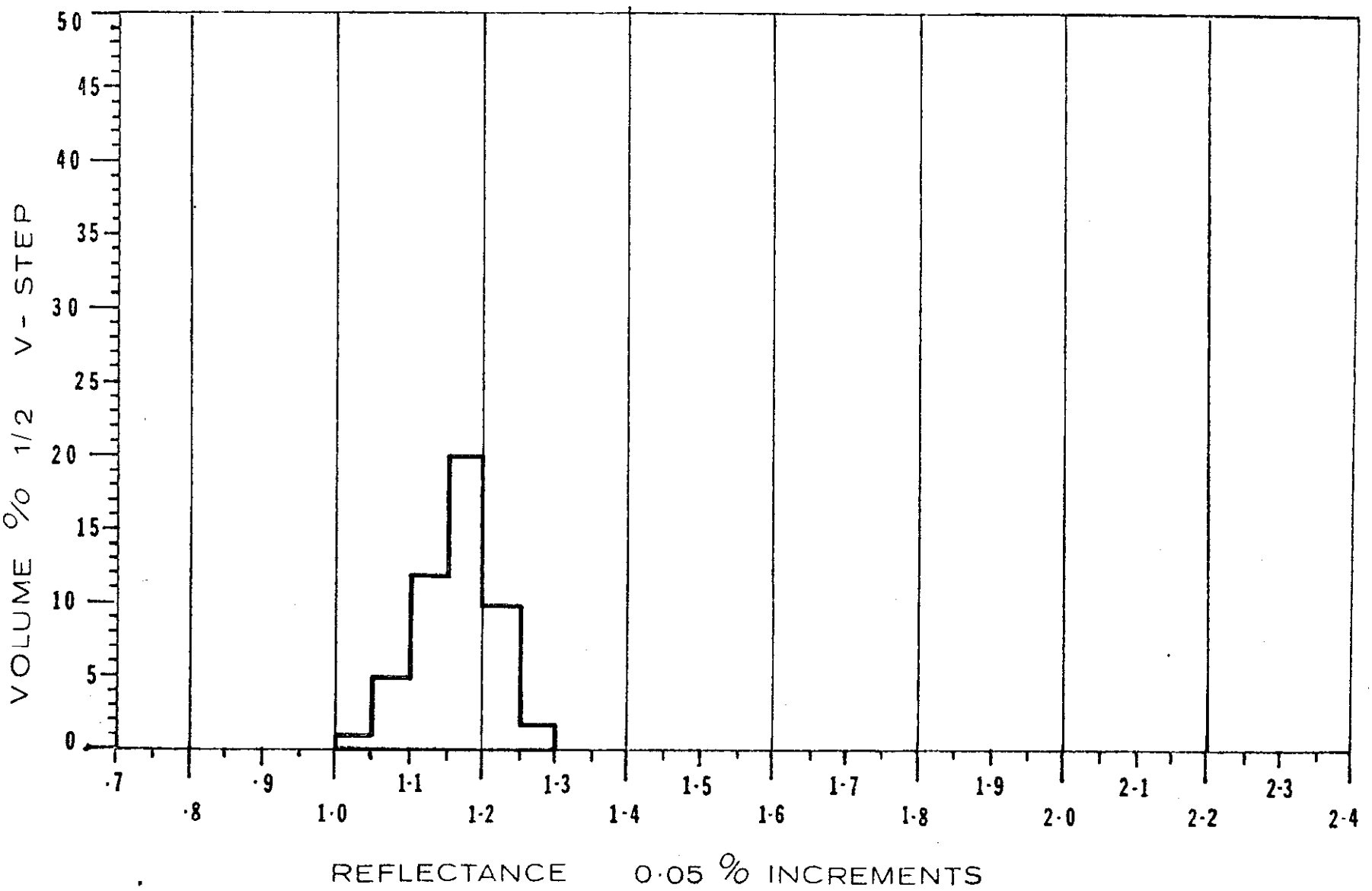

VITRINITE REFLECTANCE & HISTOGRAM

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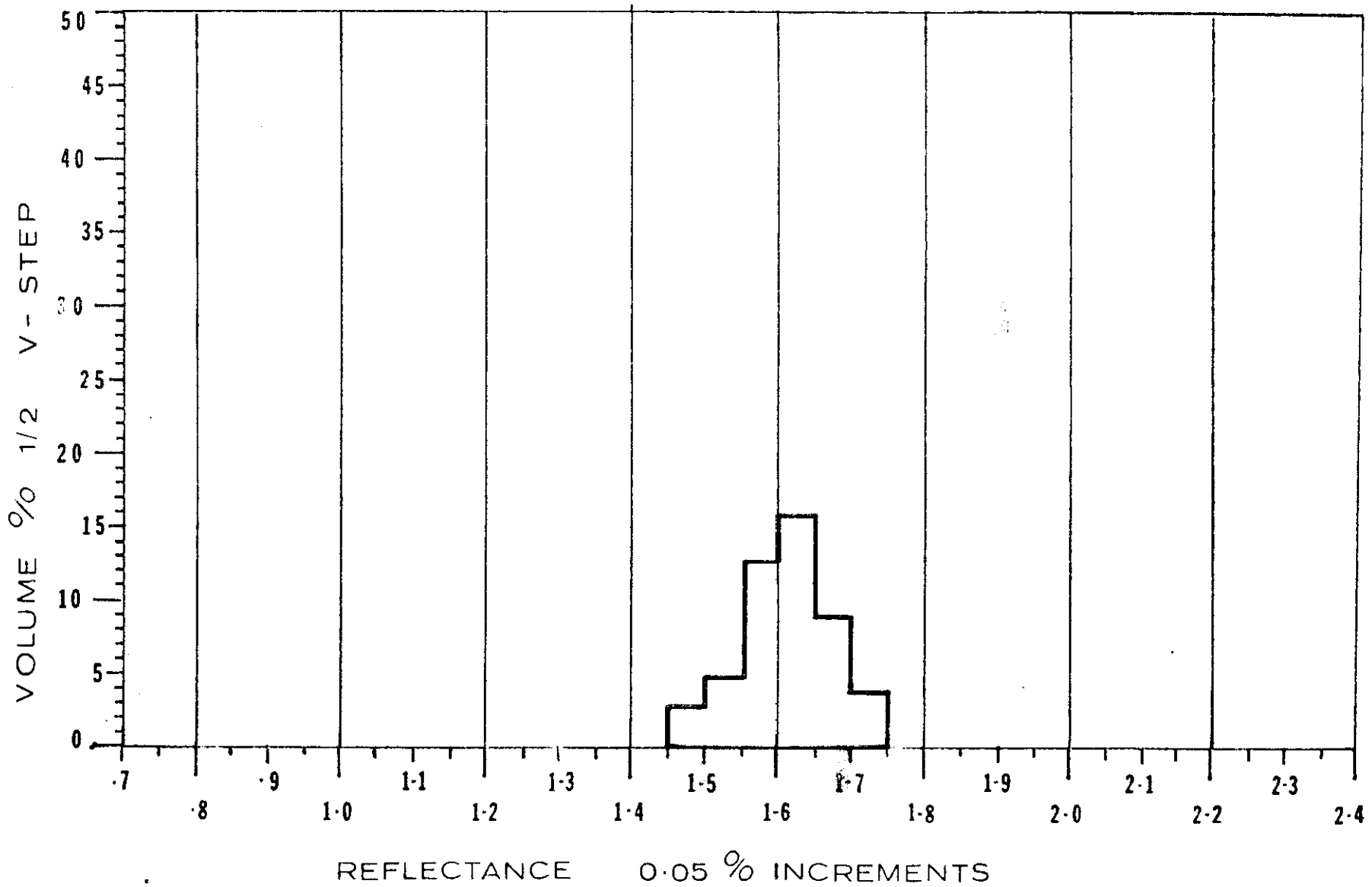

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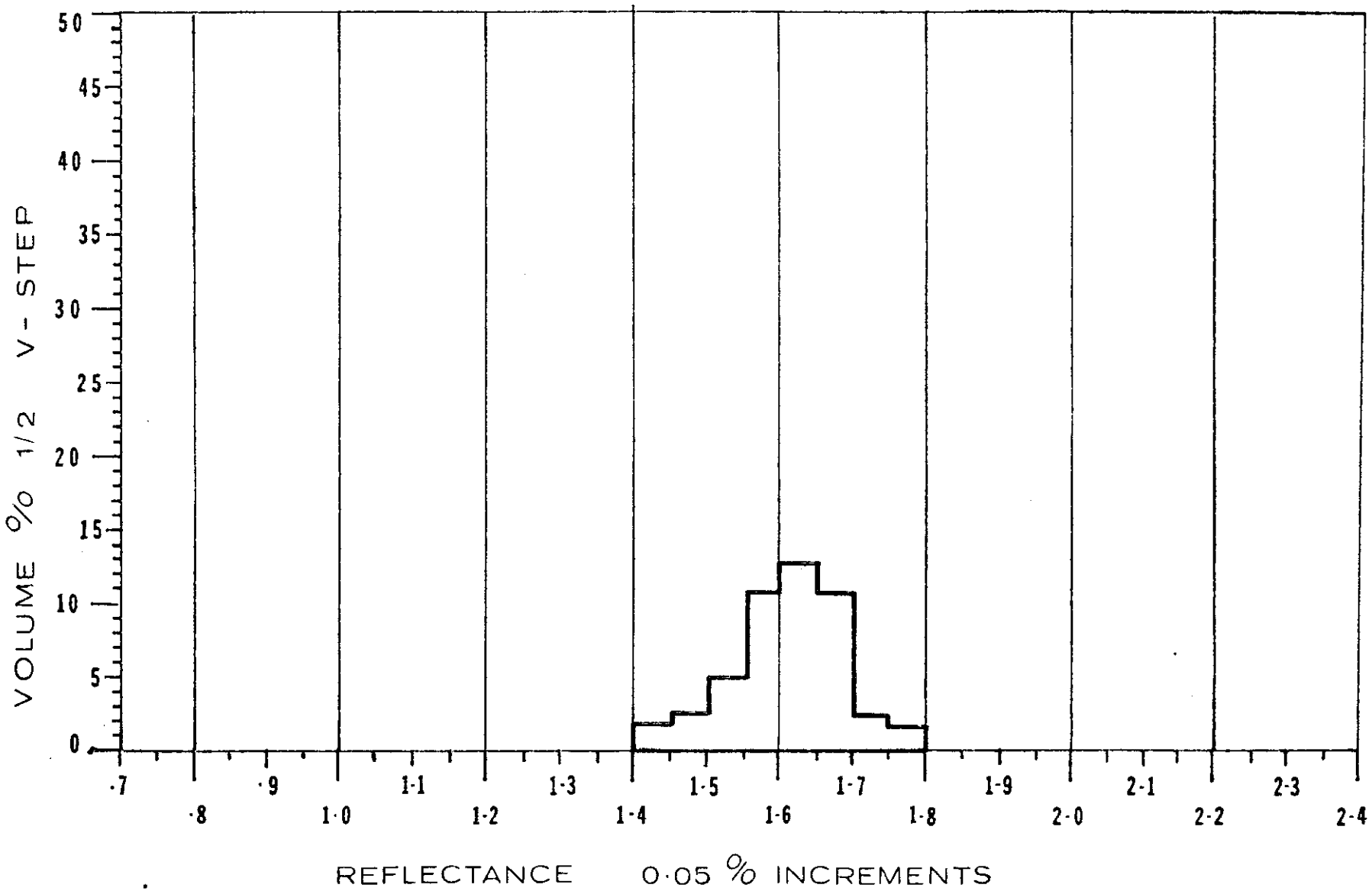

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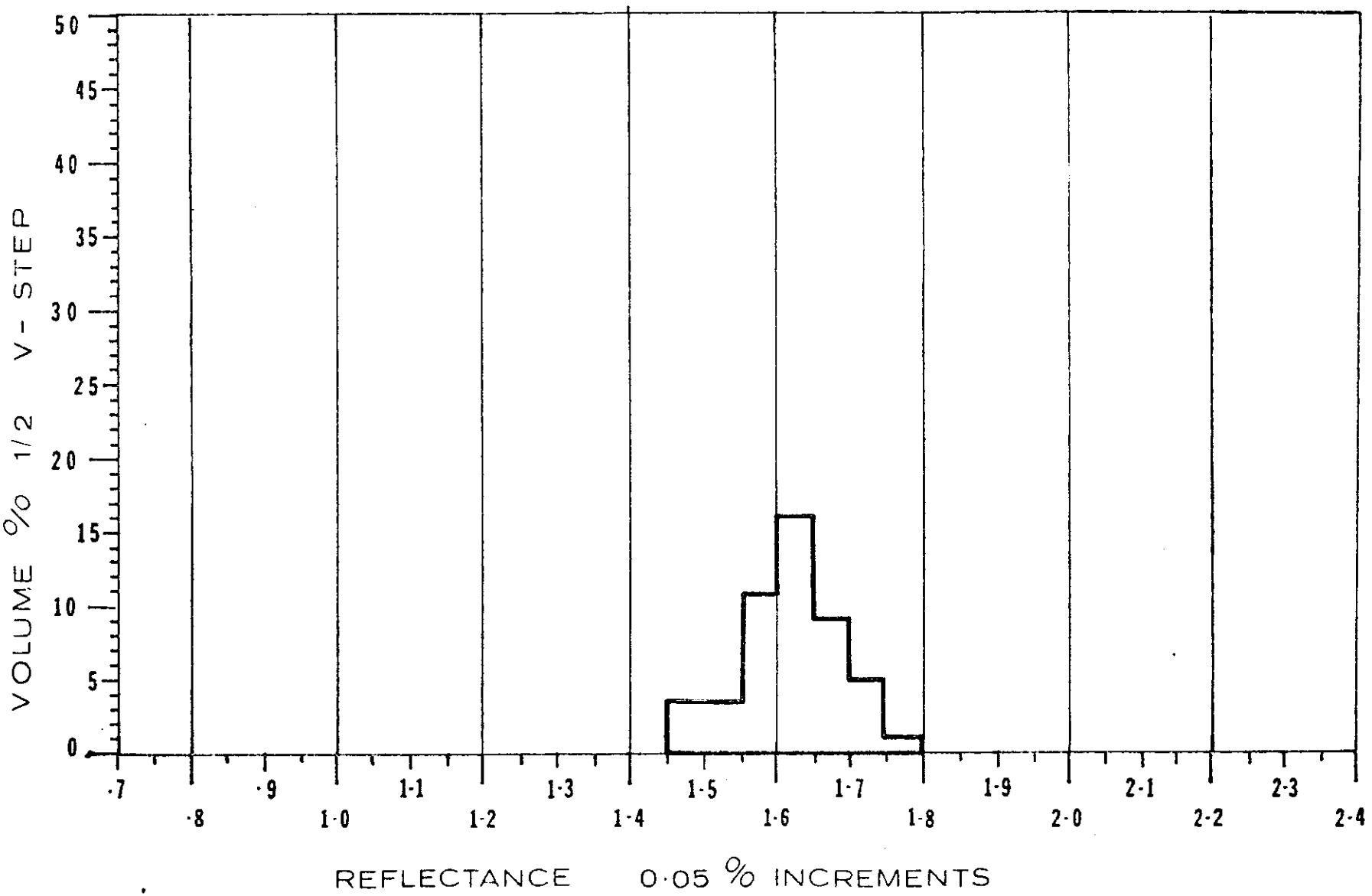

VITRINITE REFLECTANCE & HISTOGRAM

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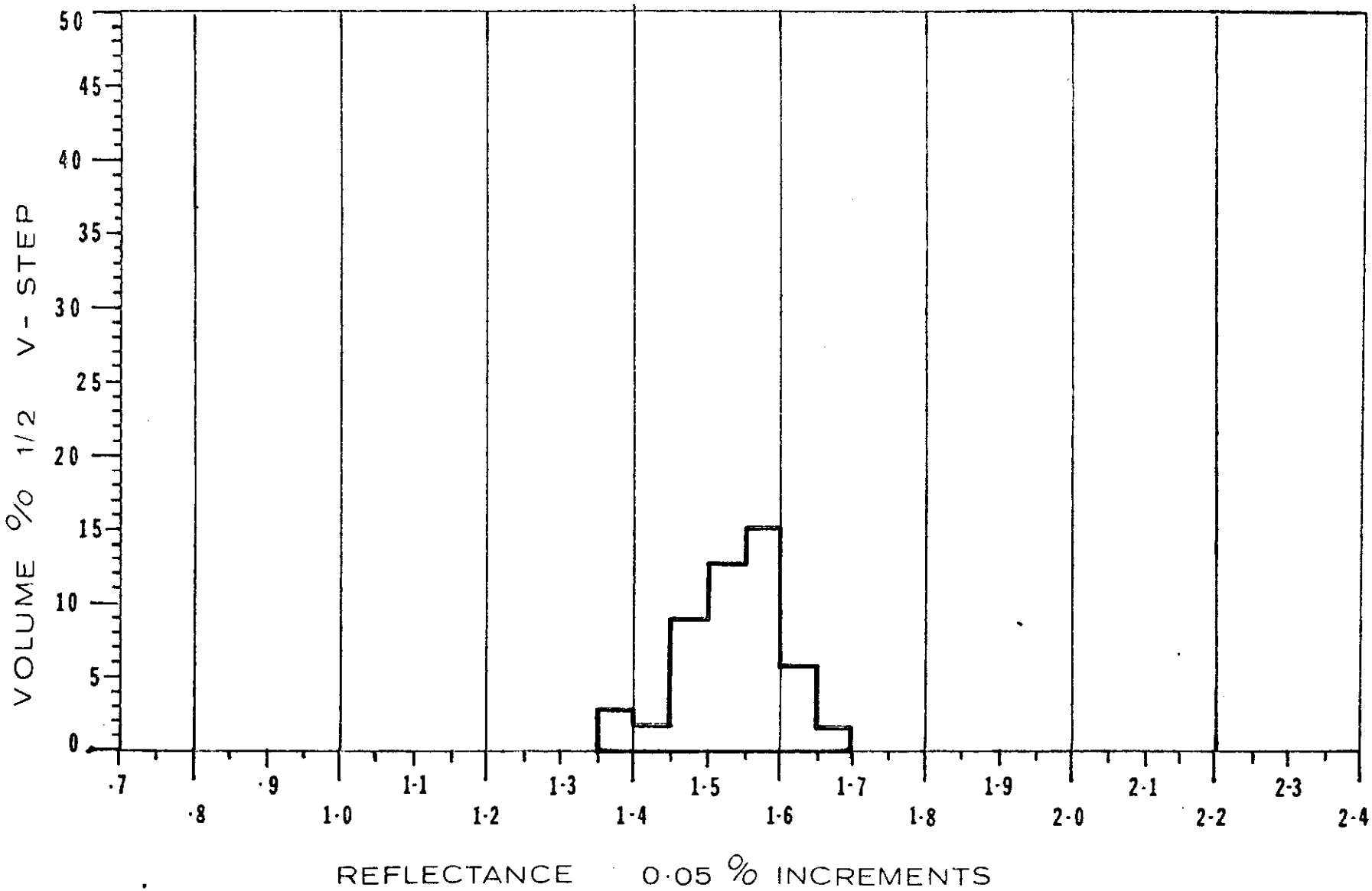

VITRINITE REFLECTANCE & HISTOGRAM

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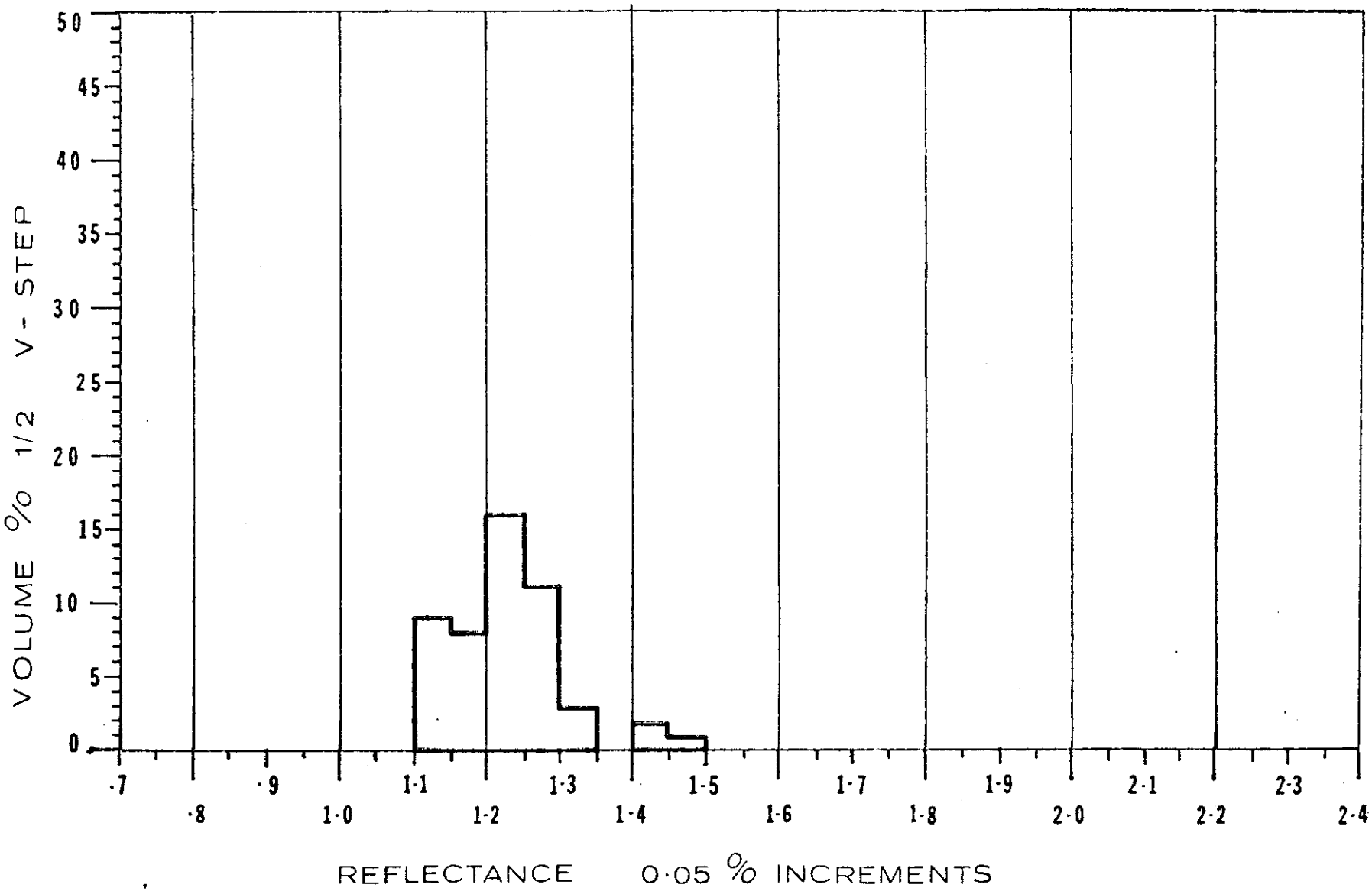

VITRINITE REFLECTANCE & H'STOGRAM

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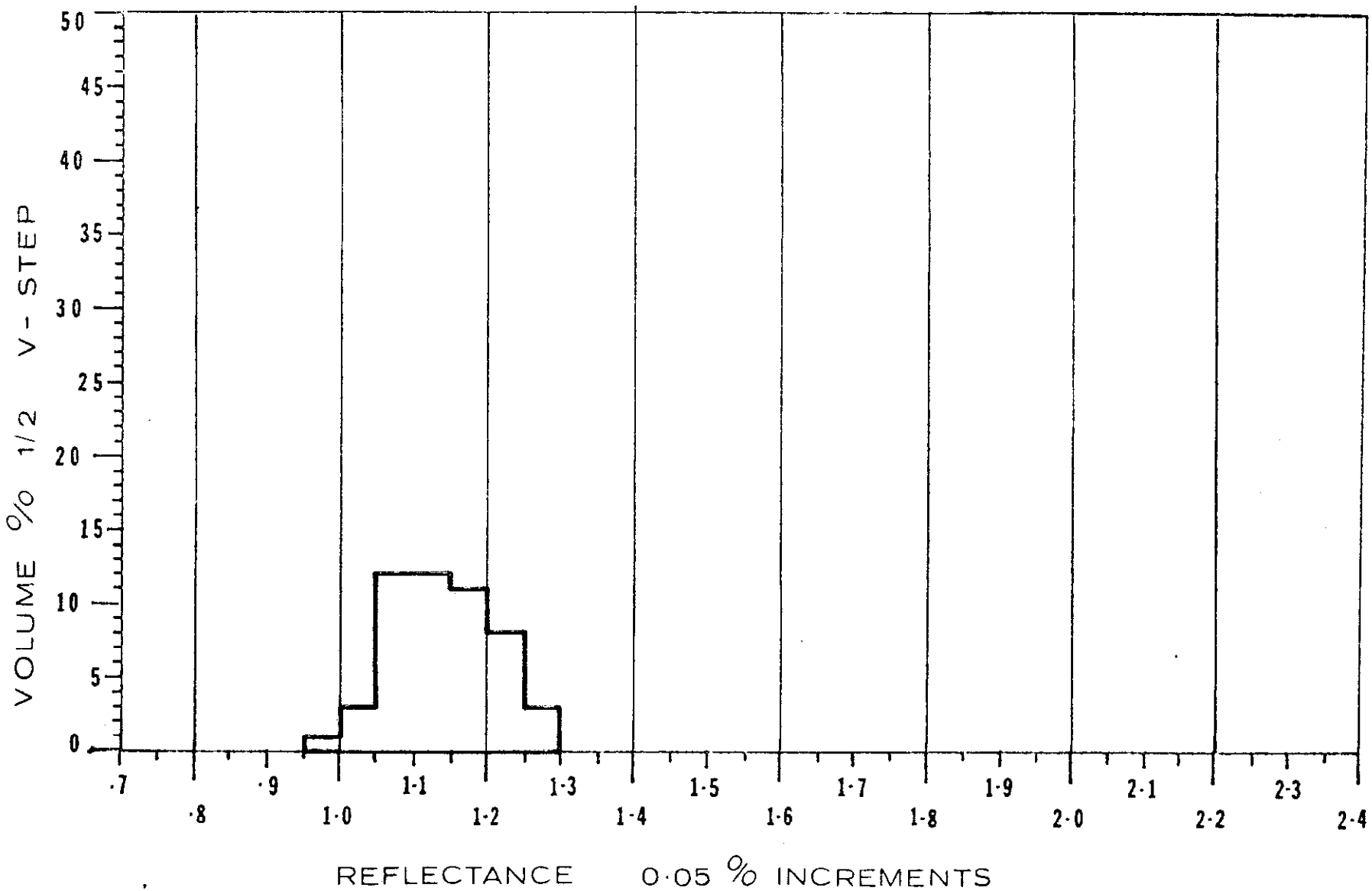

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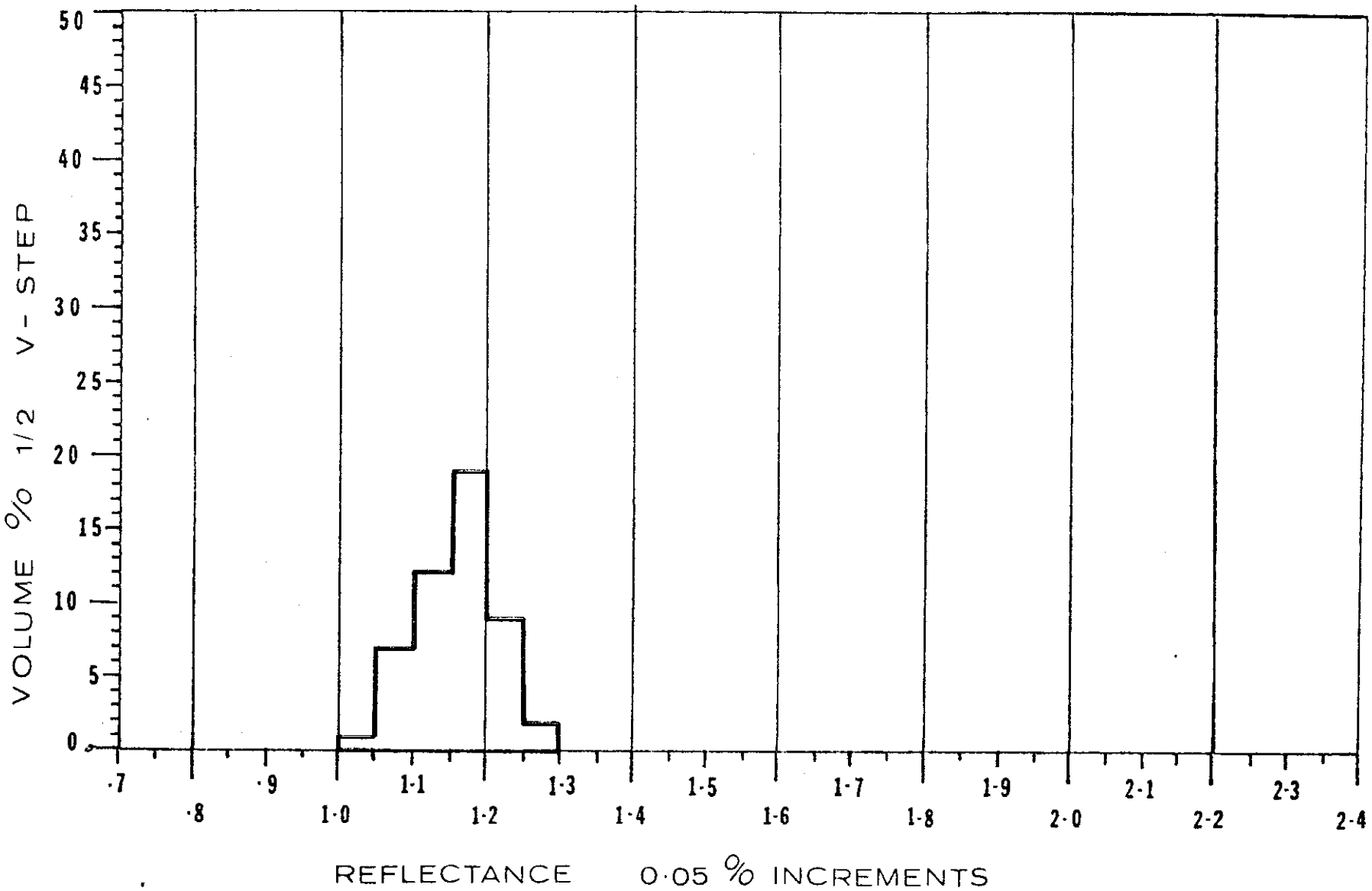
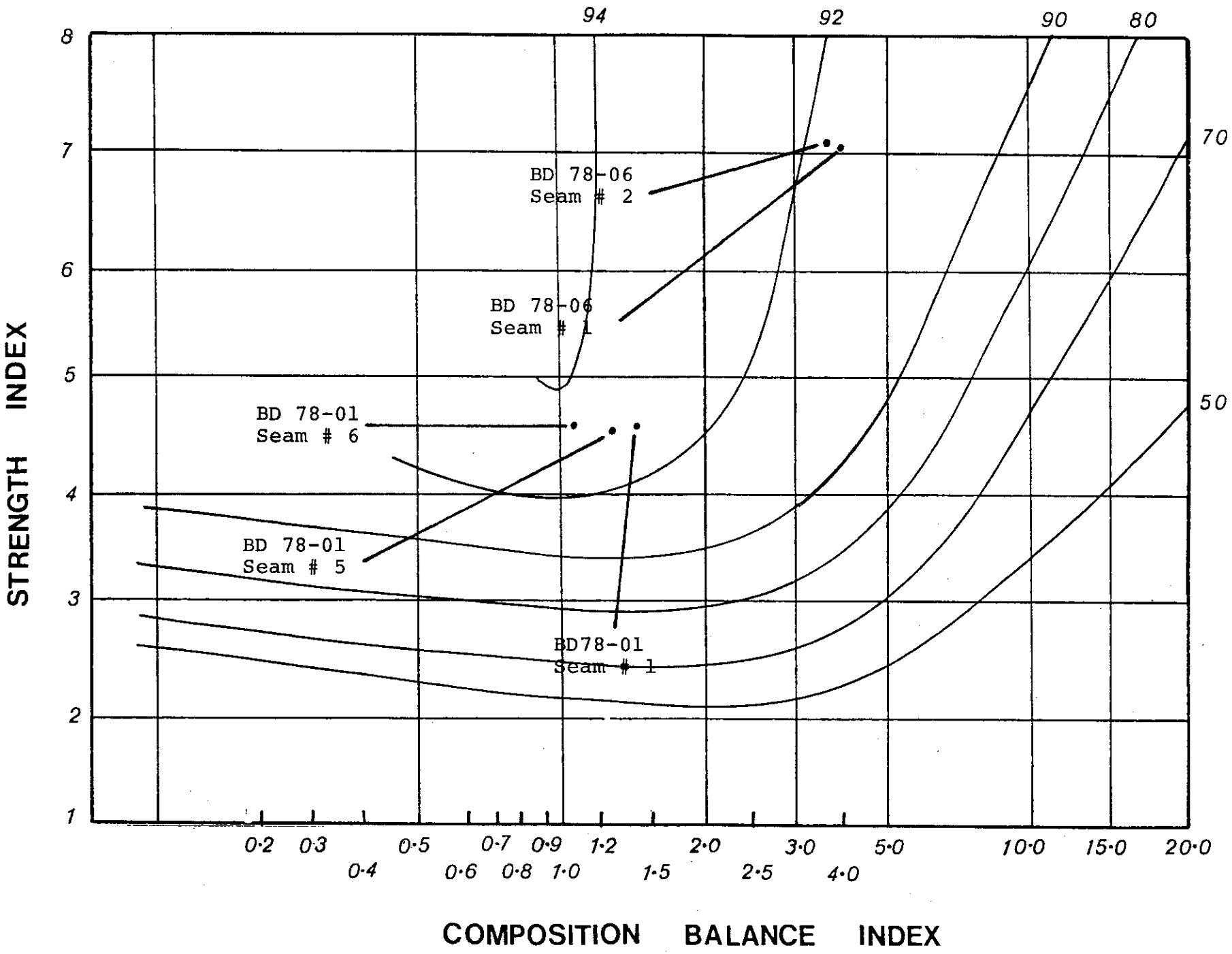
CCP 79-047



VITRINITE REFLECTANCE & HISTOGRAM

CASCADE COAL PETROGRAPHY LIMITED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BD 78-06
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BD 78-06
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BD 78-01
Seam # 6
BD 78-01
Seam # 5
BD78-01
Seam # 1
STRENGTH INDEX
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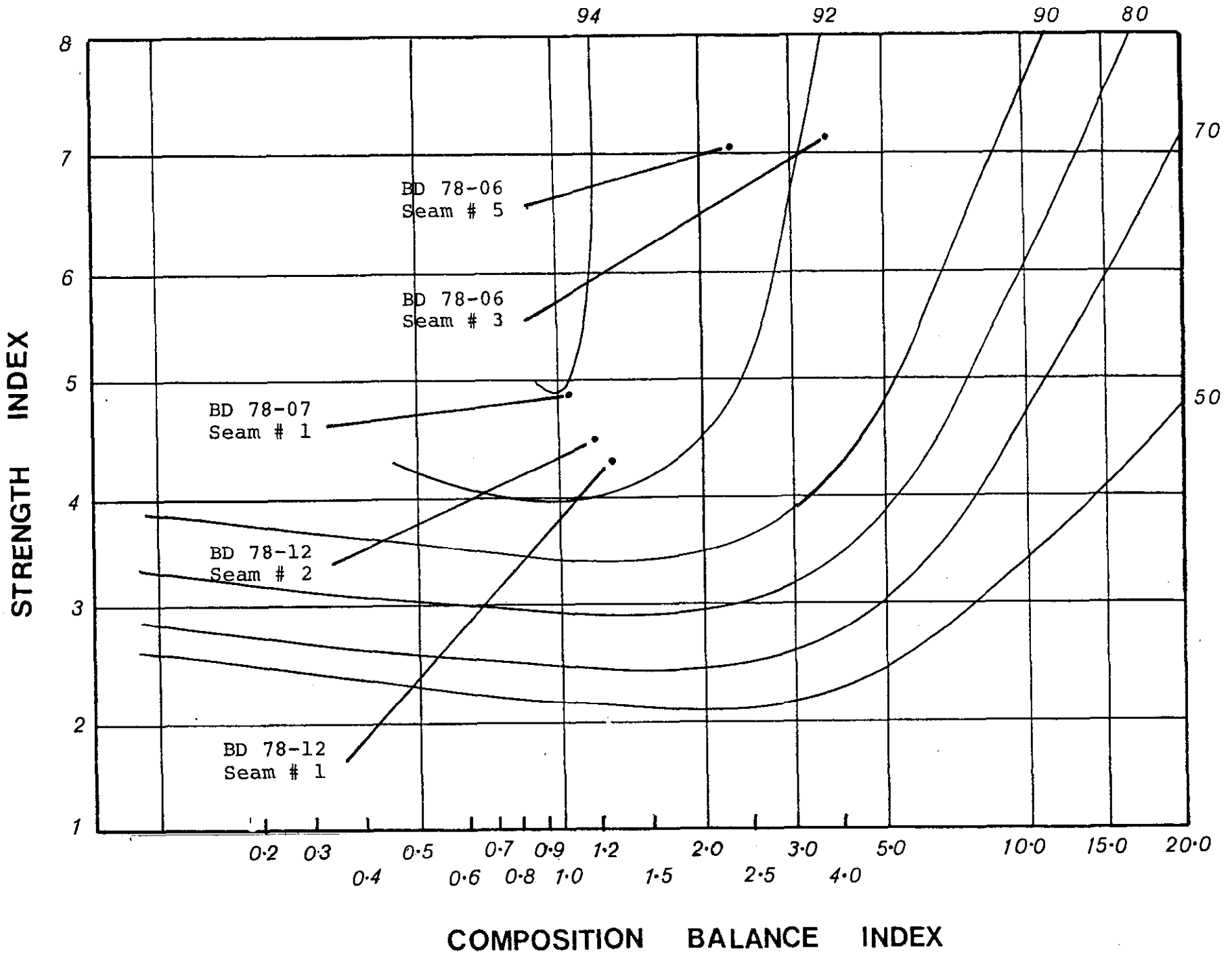
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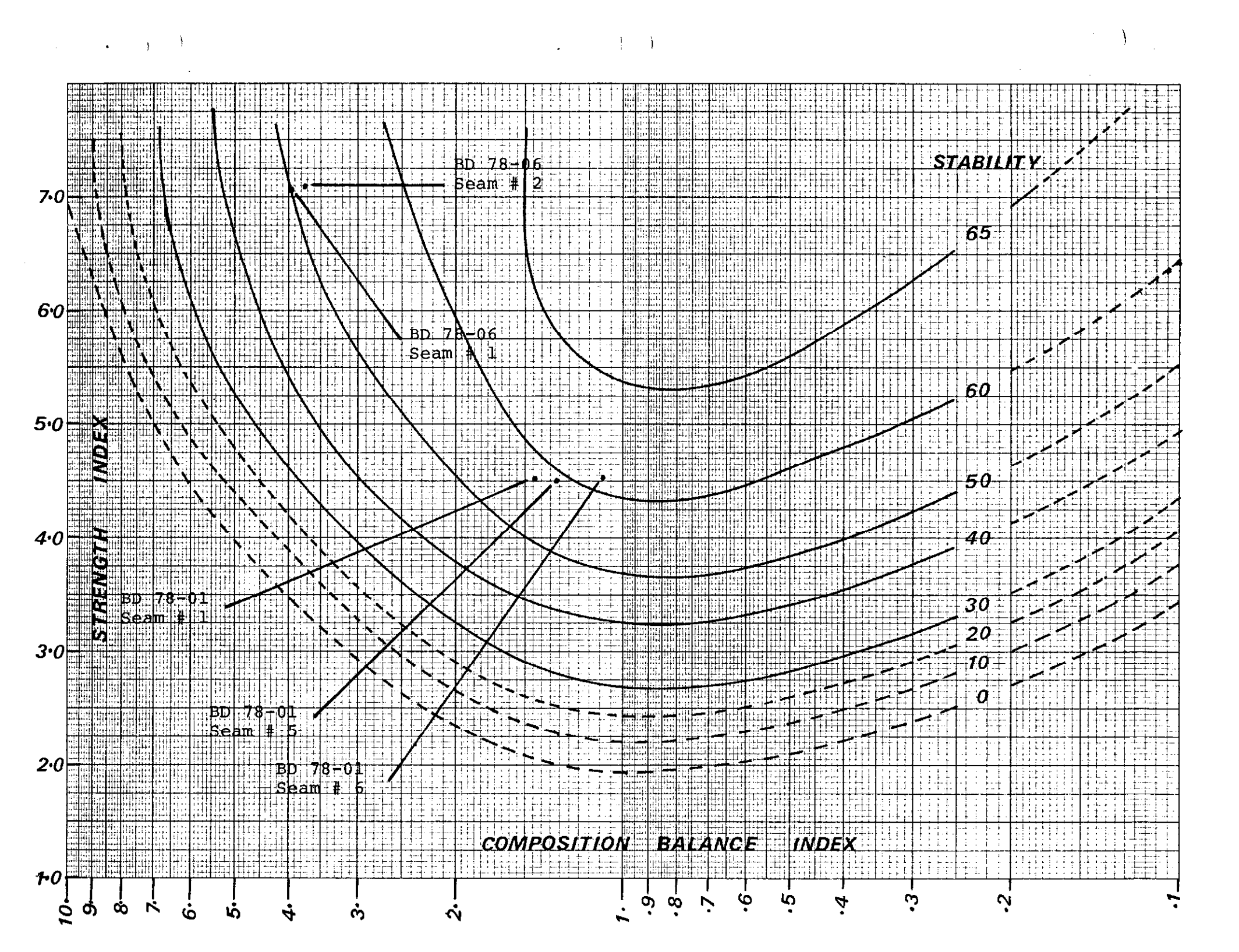
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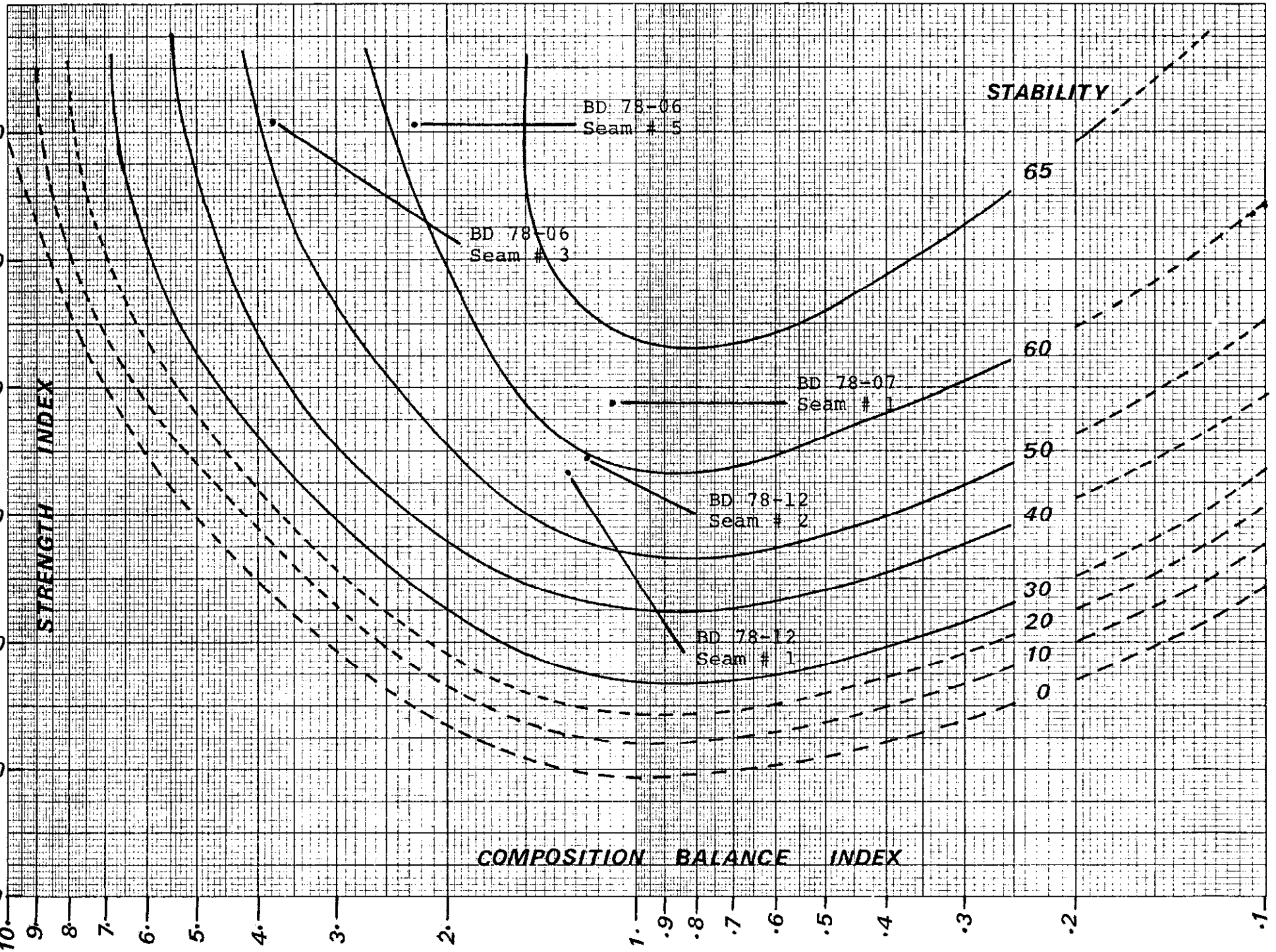
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Seam # 5
BD 78-06
Seam # 3
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CONCLUSIONS

Seams # 1, 2, 3 & 5 in BD 78-06 are Low Volatile Coking Coals. The remaining seams are Medium Volatile Coking Coals.

All 10 samples studied are good coking coals. The Low Volatile seams, # 1, 2 & 3 in BD 78-06 because of their high reflectance, (1.60) need a large percentage of reactives to emulate seam # 5 in the same hole which exhibited a coke stability of 61+.

Percentages of semifusinite appear to be the normal amount for Western Canadian coals. The Low Volatile coals exhibited a smaller amount of semifusinite that is common with Low Volatile Canadian coals.

* Without further information regarding geology and depth of samples, it is extremely difficult to fully utilize the information that is obtained from Petrographic studies.

* These coals could be blended with each other to produce a very marketable Coking Coal product.

APPENDIX III (vii)

1978 CLEAN COAL ASH ANALYSES

CLEAN COAL ASH ANALYSES

SEAM	DRILL HOLE	CLEAN PRODUCT (Lab No.)	SiO_2	Al_2O_3	Fe_2O_3	TiO_2	P_2O_5	CaO	MgO	Na_2O	K_2O	SO_3	Total
1	7801	B10-01	65.61	22.38	3.26	0.69	0.85	2.71	0.91	1.00	0.29	1.54	99.24
5	7801	B10-02	60.78	20.96	3.82	0.83	0.36	4.57	2.16	0.67	0.42	3.79	98.36
6	7801	B10-03	60.77	22.42	3.26	0.84	1.05	4.34	1.63	0.30	0.64	3.45	98.70
1	7802	B10-05	49.13	24.71	5.04	0.82	0.91	7.27	2.21	3.03	0.34	4.87	98.33
3	7802	B10-06	53.66	21.02	5.07	0.77	0.84	6.92	2.17	2.61	0.35	5.31	98.72
1	7806	B10-13	57.89	21.73	3.19	0.66	1.07	7.18	0.72	0.99	0.35	4.39	98.17
2	7806	B10-14	65.06	23.28	2.42	0.77	0.88	2.70	0.77	0.77	0.49	1.46	98.60
3	7806	B10-15	67.57	22.71	1.78	0.88	0.49	2.58	0.59	0.45	0.54	1.58	99.17
5	7806	B10-16	53.11	23.01	4.08	0.55	0.90	8.05	1.86	0.72	0.53	5.93	98.74
1	7807	B10-19	54.61	25.32	4.32	0.68	0.46	5.52	1.76	2.21	0.33	3.04	98.25
1	7808	B10-21	59.23	22.15	4.60	0.65	0.93	4.50	1.35	1.01	0.50	3.43	98.35
1	7809	B10-24	46.86	16.82	5.18	0.37	0.95	15.83	1.81	0.83	0.36	9.67	98.68
2	7809	B10-25	70.02	21.61	1.77	0.78	0.22	1.57	0.81	0.49	0.44	1.41	99.12
5	7809	B10-26	60.66	19.89	3.49	0.59	1.55	5.15	1.76	0.69	0.94	3.72	98.44
Gething	7810	B10-28	74.60	9.10	4.32	0.26	0.12	4.24	1.62	1.01	0.36	3.14	98.77
1	7810	B10-29	51.74	21.72	4.89	0.75	0.68	7.05	2.45	4.31	0.37	4.69	98.65
3	7810	B10-30	50.80	21.47	5.37	0.69	1.88	7.49	3.41	1.59	0.45	4.99	98.14
1	7812	B10-32	55.86	21.53	3.89	0.63	0.59	6.19	2.03	2.02	0.45	4.73	97.92
2	7812	B10-33	46.63	24.97	3.97	0.77	3.56	9.19	1.72	0.93	0.22	5.75	97.71
1	7814	B10-36	64.57	21.07	2.76	0.63	1.64	3.90	1.00	0.68	0.48	1.93	98.66
5	7814	B10-38	55.77	22.51	4.00	0.77	1.08	6.08	1.85	0.82	0.46	5.27	98.61

CLEAN COAL ASH ANALYSES cont'd

SEAM	DRILL HOLE	CLEAN PRODUCT (Lab No.)	SiO_2	Al_2O_3	Fe_2O_3	TiO_2	P_2O_5	CaO	MgO	Na_2O	K_2O	SO_3	Total
6	7814	B10-39	57.87	23.74	2.68	0.77	2.10	4.51	1.89	0.36	0.79	3.62	98.33
6	7814	B10-40	54.43	23.61	2.94	0.80	6.14	6.93	0.95	0.30	0.40	1.54	98.04
Gething	7815	B10-42	59.90	31.72	2.35	0.66	0.12	1.32	0.99	0.44	0.33	1.20	99.03
1U	7816	B10-44	58.22	23.45	3.73	0.74	1.55	4.05	1.57	1.54	0.69	2.70	98.24
5	7816	B10-46	60.79	20.84	3.30	0.75	0.49	4.65	1.72	0.84	0.66	3.87	97.91
6	7816	B10-47	60.90	24.28	2.93	1.09	1.41	2.51	1.54	0.35	0.62	2.10	97.73
Gething	7811	B102*	50.75	16.85	27.47	0.50	0.28	1.01	0.63	0.55	0.27	0.55	98.74
Nikanassin	7811	B103*	61.91	24.11	1.47	0.36	3.11	4.68	0.49	0.51	0.26	0.55	97.45

* From 1.5 Sink/Float