



**Quintette
Operating
Corporation**

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April 24, 1995

Dr. Barry Ryan
Coal Geologist
Geological Survey Branch
Energy and Minerals Division
Ministry of Employment and Investment
5th Floor
1810 Blanshard St.
Victoria, B.C.
V8V 1X4

Dear Dr. Ryan,

Please find enclosed two copies of the 1995 Assessment Report for exploration work done on our Coal Lease #6. This report is divided into two volumes: Babcock and Mesa Extension. If you have any questions, please call Kevin Sharman, Senior Geologist.

Yours truly,
QUINTETTE OPERATING CORPORATION

R.G.Scott
Mine Manager

Encl.
/ks

1995 MESA EXTENSION GEOLOGICAL REPORT

Coal licences: Coal lease #6

Quintette Operating Corporation - Teck Corporation Manager

Submitted: April 15, 1996

Assessment report for the application to extend the term of Quintette Operating Corporation's Licences, 1996-1997

Location: Latitude - 55° 02' N
Longitude - 121° 14' E

NTS Map Sheet 93 P/3

Peace River Land District

Work Conducted between May 1, 1995 and October 30, 1995

Report Prepared by: Kevin Sharman

STATEMENT OF QUALIFICATIONS

I, Kevin J. Sharman, graduated from the University of Calgary at Calgary, Alberta, with a B.Sc. degree in geology in June, 1980. I have worked in coal exploration and coal mine geology for 16 years. I have conducted field exploration, geologic mapping, core logging and trenching; supervised rotary drilling, core drilling and adit driveage; managed exploration crews, contractors, and the mine geology department; prepared short and long range geological interpretations of exploration and mining areas, and conducted quality control.

K Sharman



Kevin J. Sharman
Senior Geologist
Quintette Operating Corporation
Tumbler Ridge, B.C.

	Page
Title Page	i
Statement of Qualifications	ii
Bibliography	iv, v
List of Tables and Figures	vi
List of Appendices	vii
1.0 Summary	1
2.0 Introduction	2
2.1 Location and Access	2
2.2 License and Lease Numbers Relating to Work Being Reported On	2
2.3 Property History	2
2.4 Historical Summary of Work Being Reported On	3
2.5 Project Management and Primary Contractors	3
3.0 Geological Work	4
3.1 Regional Stratigraphy	4
3.2 Local Stratigraphy	4
3.3 Local Coal Seam Development in Mesa Extension	5
3.4 Local Structure	7
4.0 Mapping	7
5.0 Drilling and Drilling Records	7
6.0 Adits	8
7.0 Quality and Coal Analyses	8
8.0 Reclamation	8
9.0 Technical Survey	9
10.0 Estimates of Reserves and Resources	9
11.0 Costs Incurred	9
12.0 Summary and Conclusions	9

BIBLIOGRAPHY

Carmichael, S.M.M. (1983): Sedimentology of the Lower Cretaceous Gates and Moosebar Formations, British Columbia. Unpublished Ph.D. Thesis, University of British Columbia, 285p.

Geoscience Canada. (1980): Facies Models; Reprint Series 1, R.G. Walker (ed.); Geological Association of Canada, 211p.

Lamberson, M.N., Bustin, R.M., Kalkreuth, W., and Pratt, K.C. (1989): Lithotype Characteristics and Variation in Selected Coal Seams of the Gates Formation, North-Eastern British Columbia (93P/3,4). B.C. Ministry of Energy, Mines and Resources, Geological Fieldwork, Paper 1990, 10p.

Leckie, D.A. (1983): Sedimentology of the Moosebar and Gates Formations (Lower Cretaceous). unpublished Ph.D. Thesis, McMaster University, Hamilton, Ontario, 515p.

_____. (1986): Rates, Controls, and Sand-Body Geometrics of Transgressive-Regressive Cycles: Cretaceous Moosebar and Gates Formations, British Columbia. The American Assoc. of Petrol. Geol. Bulletin, v.70, No.5, pp.516-535.

The following are unpublished reports prepared for, or by, Quintette Operating Corporation.

Geo-Physi-Con Ltd. (1988): Refraction Seismic Survey, Transfer/Grizzly Area, Quintette Coal Mine. Geo-Physi-Con Co. Ltd., Calgary, Alberta, variously paged.

Gormley, G.P. (1973): Quintette Project - Wolverine Area: Report on Exploration Work North of the Wolverine River between August 1971 and February 1972. Denison Mines Ltd. Coal Division, Calgary, Alberta, 46p.

_____. (1974): 1974 Wolverine Exploration Report. Denison Mines (B.C.) Ltd., 35p. with 2 appendices.

Kilborn Engineering. (1981): Quintette Project Feasibility Study, March 1981. Kilborn Engineering, Volumes I through VI, variously paged.

Piteau Associates. (1987): Geotechnical and Hydrogeological Assessment for the Grizzly/Transfer Project, November 1987. Piteau Associates Engineering Ltd., Project 81-339, 39p., Appendices A-D.

Quintette Coal Limited. (1982): Quintette Coal Limited Project Description, July 1982. Volumes I through VI, variously paged.

_____. (1985): 1984 Geological Report, April 1985. Text and Appendices I and II (separate), variously paged.

_____. (1986): Quintette Coal Limited Development Plan - Revision 2, April 1986, variously paged.

_____. (1987a): Mesa Extension Geological Report, March 1987. Text and Appendices 1.0 to 3.0, variously paged.

_____. (1987b): Mesa Extension Geological Report, December 1987. Text and Appendix 1 and 2 (separate), variously paged.

_____. (1987c): Transfer Area Geological Report, March 1987. Text and Appendices I and II (separate), variously paged.

_____. (1988a): 1987 Exploration Report: Transfer, Grizzly and Perry Creek Areas, February 1988, February 1988. Text and Appendices 1 and 2, variously paged.

_____. (1988b): Geological Report: Transfer, Grizzly and Perry Creek Areas, April 1989. Text and Appendix I and II (separate), variously paged.

_____. (1989a): 1988 Reclamation Report: Pursuant to Reclamation Permit C-156, March 1989. 24p.

_____. (1989b): 1988 Geological Report: Transfer, Grizzly, Perry Creek, Marmot and Wolverine Valley South Areas, April 1989. Text and Appendix 1 and 2 (separate), variously paged.

_____. (1989c): Transfer and Grizzly Geological Report, June 1989. Text and Appendix 1, Parts 1 and 2 (separate), variously paged.

Sharman, K. (1993): Geological Report: Mesa North Extension, December 1993. Quintette Operating Corporation. Text and Appendices 1 and 2, variously paged.

Sharman, K. (1995): Geological Report, Mesa Extension, June 1995. Quintette Operating Corporation. Text and appendices, variously paged.

LIST OF TABLES AND FIGURES

Table 1	Mesa Extension Exploration Summary
Figure 1	Area Development
Figure 2	General Stratigraphic Section

LIST OF APPENDICES

Appendix A
Appendix B

Drillhole Summary
Mesa Extension Plan Map, Scale 1:2500

1.0 Summary

The Mesa Extension exploration area is located north-west of the current Mesa Pit. It covers the region between the 19500 and the 21500 mine grid eastings and extends beyond the 37600 northing to the Wolverine River Valley.

Exploration of the Mesa Extension area began in 1976. Between 1976 and 1995 extensive regional and local mapping of naturally exposed outcrops has been undertaken.

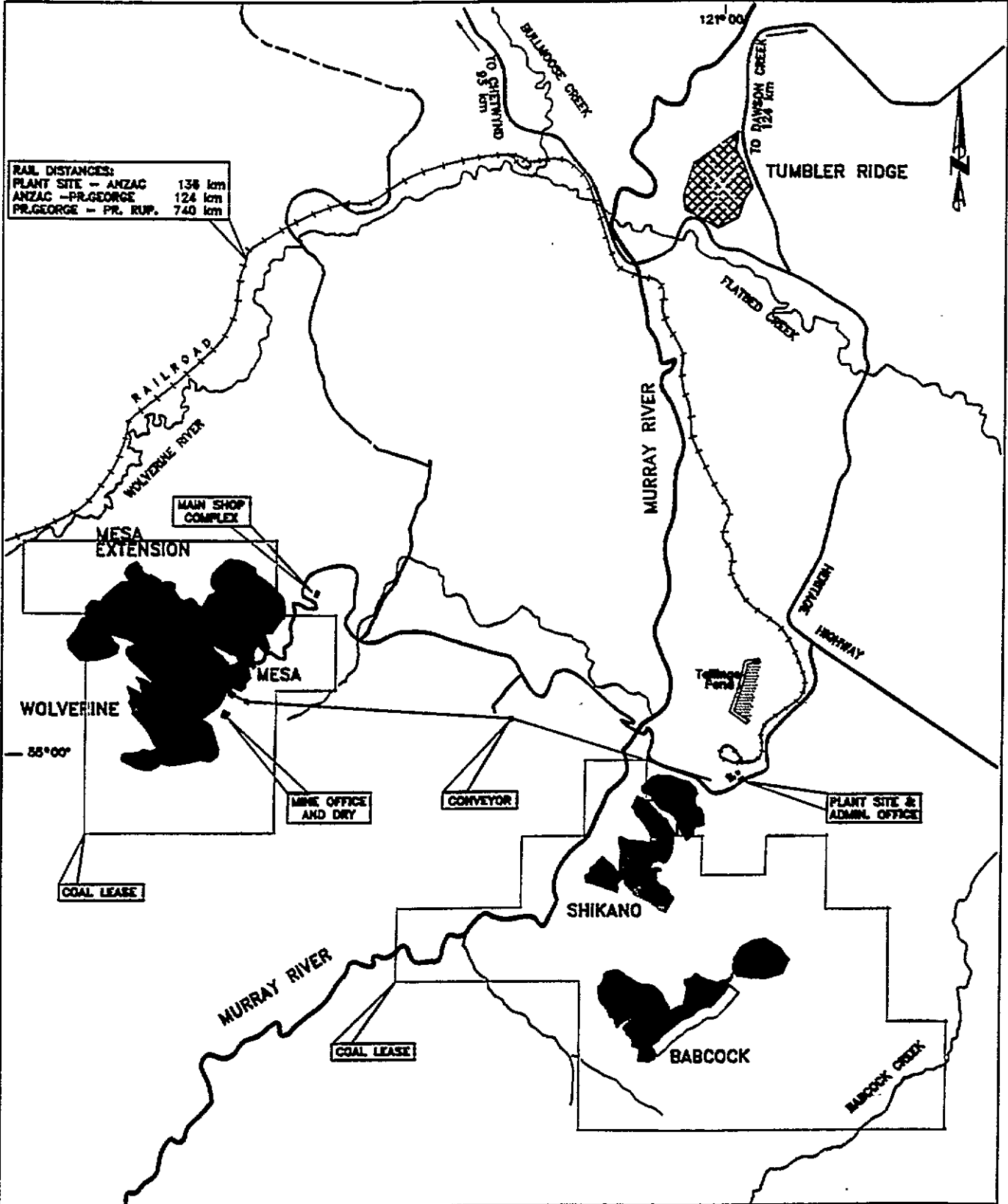
Diamond and rotary drilling of Mesa Extension were initiated in 1988 and continued in 1989, with further drilling completed in 1994 and 1995. Rotary drilling in 1995 has provided structural and thickness data required to confirm the viability of the reserve to produce quality coking coal. Supplementary detailed mapping was completed along drill access road cuts during these drill programs.

Reclamation of all 1988 and 1989 disturbances has been completed with 1994 and 1995 reclamation only partially completed.

Table 1 summarizes the Mesa Extension exploration to date.

TABLE 1 - Mesa Extension Exploration Summary

YEAR	DRILLHOLES				ADITS		ROADS
	ROTARY		DIAMOND		NUMBER	LENGTH	LENGTH
	NUMBER	DEPTH	NUMBER	DEPTH			
1988	11	1147	1	234			4.5
1989	32	2964	3	579			4.7
1994	59	7675	7	494	2	105	4.4
1995	36	5021					4.5
TOTALS	138	16807	11	1307	2	105	18.1



- PIT
- ROCK DUMP



QUINETTE OPERATING CORPORATION
 AREA DEVELOPMENT

Figure 1

2.0 INTRODUCTION

The Quintette Operating Corporation property is situated in the Peace River Land District of northeast British Columbia in the inner foothills of the Rocky Mountains. Quintette Operating Corporation currently produces 4.35 million clean tonnes of metallurgical coal. All coal production is from the Lower Cretaceous Gates Formation.

The data presented in this report is from rotary drilling and geologic mapping. The report references all geologic reports on the Quintette property and summarizes all work completed in 1995.

The purpose of the 1995 exploration program was to further delineate the coal structure and confirm reserve estimates through rotary drilling. An area of suspected Gething Formation coal that was found in the 1994 program was also drill tested.

2.1 Location and Access

The Quintette Operating Corporation property is located in the Rocky Mountain Foothills belt of northeastern British Columbia. The coal bearing trend of this region is commonly referred to as the Peace River Coal Block. Mesa Extension is located 22km northwest from the preparation plant, which in turn is located 18 km south of the town of Tumbler Ridge. Tumbler Ridge is located 98 km south of Chetwynd and 106 km southeast of Dawson Creek.

2.2 License and Lease Numbers

1995 exploration work carried out on Mesa Extension took place on Coal Lease #6.

2.3 Property History

The Quintette Operating Corporation (Q.O.C.) property consists of Coal Lease #6 which covers an area of 11,667 ha and coal licences comprising 19,974 ha. Q.O.C. came into existence in 1991 when Teck Corporation took over from Denison Mines Limited as manager of the Quintette Mine. At the time of the take over, the mine was known as Quintette Coal Limited (Q.C.L.). Prior to 1991 the original Q.C.L. licences were acquired by Denison Mines Limited (D.M.L.) in 1970. For the purpose of developing the coal licenses Q.C.L. was incorporated under the laws of British Columbia on December 20, 1971.

Denison Mines Limited was appointed by Q.C.L. to manage the Q.C.L. project through the feasibility construction/development and start up and commencement of regular operations.

The first coal exploration on the property was conducted by D.M.L. in 1970 and large programs continued each year until 1977. Smaller programs were undertaken in 1979 and 1980 and a large scale exploration program was again conducted in 1981. Mining commenced in 1982 with the first coal being processed by the plant in December 1983.

Mesa Extension is an area that extends from Mesa Pit northwest to the Wolverine River. It is an area approximately 2.1 km long and 1.5 km wide. It is an area of steep slopes with many reaching 36°.

Exploration in Mesa Extension started in 1988 with additional programs in 1989, 1994, and 1995. Prior to 1988 Mesa Extension had only been mapped on a regional scale.

2.4 Historical Summary of Work Being Reported

Prior to 1988, as mentioned previously Mesa Extension had only been mapped on a regional scale. 1988 saw the drilling of 1 diamond hole and 11 rotary holes. In 1989, 32 rotary holes were drilled along with 3 diamond holes. 1994 saw a large scale drill program initiated with 59 rotary holes drilled along with 7 diamond holes. Along with the drilling, 2 adits were completed, one in E seam and the other in J seam. Extensive mapping of coal and rock exposures from completed drill access roads has served as valuable information for geological interpretations in the years of exploration work 1988, 1989 and 1994. The 1995 program included 5021 meters of rotary drilling in 36 holes and detailed mapping.

2.5 Project Management and Primary Contractors

The exploration and reclamation work was completed by Q.O.C. geology staff, environmental staff and contractors.

Quintette Operating Corporation

K. Sharman	- Senior Geologist
K. Bittman	- Environmental Supervisor
S. Szalkai	- Long Range Geologist
C. Young	- Engineer in Training
M. Russer	- Geology Summer Student
H. Shirazi	- Geology Summer Student

Contractors 1994

Elgin Exploration Company Limited	- Rotary drilling, road and drillsite construction, logging
Century Geophysical Corporation	- Geophysical Logging
Paul E. Fisher Construction Ltd.	- Road and drillsite construction, reclamation
Industrial Forestry Service Ltd.	- Timber Cruise

3.0 GEOLOGICAL WORK

3.1 Regional Stratigraphy

The stratigraphic succession exposed at Quintette Operating Corporation ranges from Upper Jurassic to Lower Cretaceous in age. It consists of an interfingering of shales and sands of both marine and continental origin. The coal bearing strata has its origin from deltaic near shore environments. The coal seams of economic thickness and quality are found in the Gates Formation. The table of formations for Quintette is outlined in Figure 2 and shows approximate formation thickness and coal zones.

3.2 Local Stratigraphy

The Stratigraphic sequence drilled and exposed in Mesa Extension includes the Boulder Creek, Hulcross and Upper, Middle and Lower Gates Formations.

Boulder Creek Formation

This formation consists mainly of massive sandstone and conglomerates with thin shale and thin inferior coal seams. The formation is approximately 130 meters thick.

Hulcross Formation

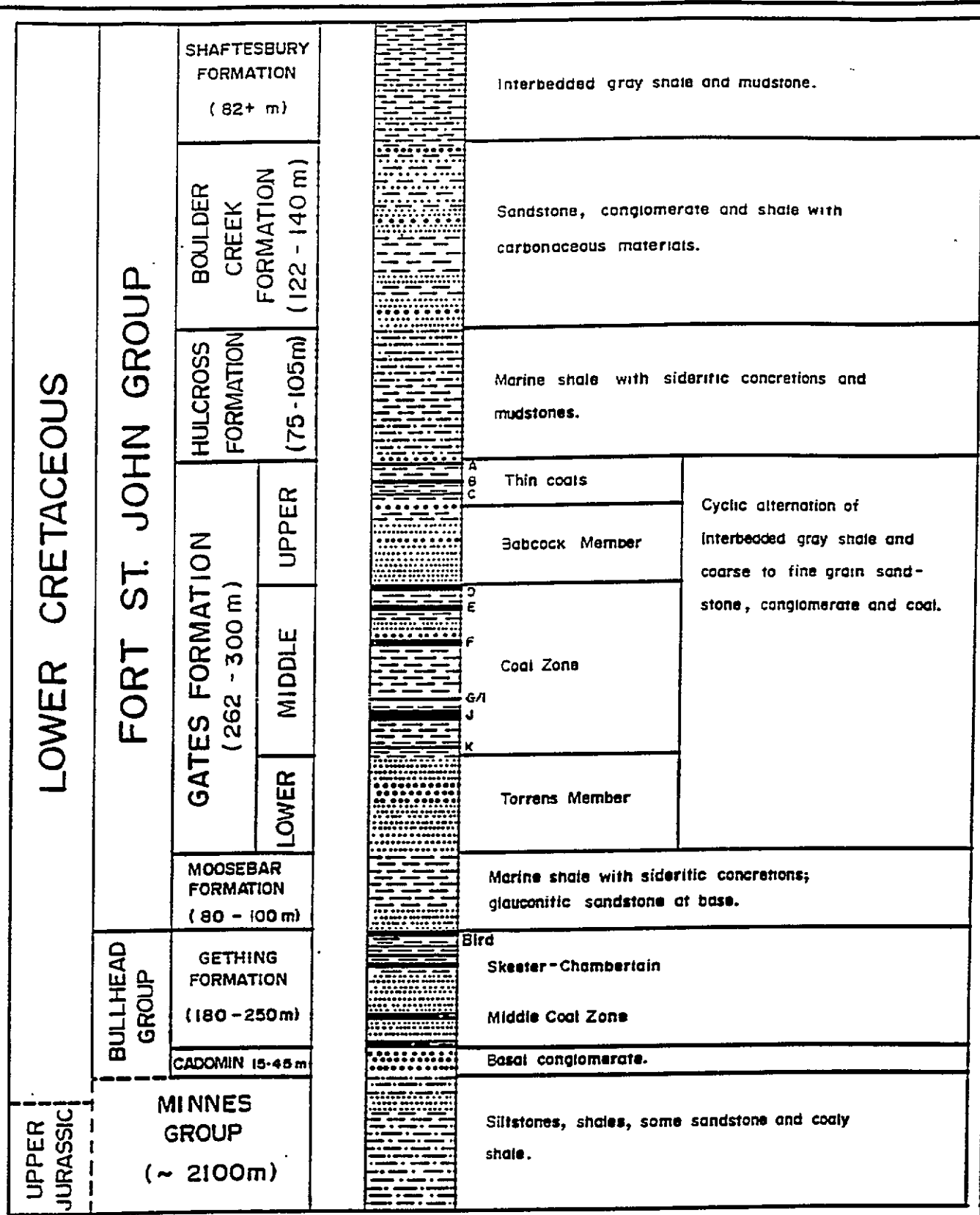
The Hulcross formation is conformably overlain by the Boulder Creek Formation. It consists of dark grey marine shales/siltstones interbedded with very fine sandstones. The formation is interpreted to be between 100 and 110m thick.

Gates Formation

The Gates Formation contains the economic coal seams of the Mesa Extension area. The formation can be divided into three members: Upper, Middle and Lower. Of the three members, only the Middle Gates Member contains seams of economic thickness. The total thickness of the Gates Formation ranges from 280 to 300m.

i) Upper Gates Member

The upper member of the Gates Formation is defined as the interval between the base of the Hulcross Formation and the top of D Seam. The upper half of this member consists of interbedded sandstones, siltstones, mudstones and three thin coal horizons designated A, B and C seams which are uneconomic. The lower sequence of Upper Gates is characterized by fine grained sandstones and lesser amounts of shale and siltstones. There is a conglomerate present at the base of the Upper Gates. Its thickness ranges between 0 and 18m in the area. The Upper Gates Member is approximately 120m thick.



QUINETTE OPERATING CORPORATION
GENERAL STRATIGRAPHIC SECTION
 (Updated May, 1995)

Figure 2

ii) Middle Gates Member

The Middle Gates Member is from the top of D seam to the bottom of J seam and is between 60 and 80m thick. The seams considered mineable in Mesa Extension are D (D3 and D4), E (E2 and E3), E3 lower, E4, G and J seams.

iii) Lower Gates Member

The Lower Gates Member consists of fine to medium sandstones. Poorly sorted conglomerate and coarse sandstones are sometimes found interbedded in this unit. In the Mesa Extension area a clay layer is a useful marker unit found approximately 40m below J seam. The lower Gates member is roughly 110m thick in the area.

Moosebar Formation

The Moosebar Formation consists of a sequence of marine shales which grade upwards into interbedded fine sandstones and shales. This unit is in conformable contact with the overlying Lower Gates Member. From other exposures on the Quintet property its thickness is estimated at 120 - 315 meters, but in the study area it is poorly exposed.

Gething Formation

The Gething Formation consists of alternating units of fine to coarse sandstone, carbonaceous shale, and some coal. Its thickness is greater than 100 meters. Only the uppermost part of the formation is exposed in the study area. Coal in the Gething Formation is found in three zones: Basal, Middle, and Upper.

The Upper coal zone was found in the Mesa Extension area in roadcuts and drillholes during the 1994 season, and further work was done in this area in 1995. The zone consists of three seams, labelled GT1, GT2, and GT3. Thicknesses of these seams vary from 1 to 3 meters, with an average of 2 meters. The coal is high in ash with many shale partings, and is not considered economic.

3.3 Local Coal Seam Development in Mesa Extension

Seam development in Mesa Extension is similar to what is being currently mined in the adjacent Mesa North pit. The following is a description of each seam or mining section.

D3 and D4 Seams

In Mesa North pit, D3 and D4 are separated by a 2 to 3 meter parting and are mined as two separate seams. The D3-D4 parting thins considerably west of section 37500 and consequently makes mining of D3 and D4 as separate seams impractical. The composite ash of D total which is D3, D4 parting (D4P) and D4 shows that it can be recovered as one mining section while giving an acceptable ash level. Because of this acceptable ash level D3/D4 is treated as one mining section throughout the reserve area (sections 37600-39600). Its thickness varies from 3.31m to 3.77m.

E Seam

In the eastern part of Mesa Extension, E seam is similar to the section being mined in Mesa North pit, which is the sequence from the top of E1 to the bottom of E3 upper. Its thickness varies from 4.87m to 7.73m. In the west area of Mesa Extension E1 seam increases in ash to a point where the entire E section is not mineable and the mining section becomes E2/E3 (top of E2 to the bottom of E3 upper). Composite ash values on E total (E1, E2, E3) versus E2/E3 mining section were evaluated to find the cut-off for E1 and where to begin modelling E2/E3 separately. This cut-off line was found to be at section line 38850 in the Mesa Extension area. E2/E3 was modelled to the west of this line to section 39600 while E total (E1, E2, E3) was modelled to the east of this line to section 37600. West of section line 38850 E2/E3 ranges in thickness from 4.5m to 4.66m.

E3 Lower (E3L) Seam

In the Mesa Extension area the lower part of E3 seam has separated from the upper part forming a separate mining section known as E3 lower (E3L). The seams thickness varies from 0.55m to 0.98m.

E4 Seam

E4 seam is present throughout the Mesa Extension area but can only be considered mineable up to section 38450. E4 seam was modelled from section 38450 to the east. A thin parting near the bottom of E4 in Mesa North pit gradually develops in to a thick conglomerate. The development of a conglomerate within the seam splits E4 into E4 upper and E4 lower, neither of which is thick enough to be mineable. E4 seam ranges in thickness from 0.41m to 0.97m.

G Seam

G seam is found throughout Mesa Extension and is modelled over the entire reserve area. Its thickness varies from 0.83m to 1.31m.

J Seam

J seam is present throughout Mesa Extension reserve area. In the eastern part of the area J1, J2 and J3 are present, as in the current Mesa North pit. J3 is shaly and higher ash to the east in the Mesa Extension but since its ash is under 30 percent, it is still part of the mining section. To the west J3 disappears leaving J1 and J2 as the mining section. Based on examining core holes and logs of rotary holes the cut-off for mining J total (top of J1 to the bottom of J3) versus J1/J2 (top of J1 to bottom of J2) was determined to be section 37850. From 37850 to the east J total is the mining section and to the west of 37850, J1/J2 is the mining section. J ranges in thickness from 5.11 to 7.77m.

3.4 Local Structure

The main structural feature of Mesa North Extension is the northwest plunging Middle Anticline which extends from the Mesa North area currently being mined. South of this the coal section is folded into a tight syncline whose southernmost limb overturns at section 38300. The southern syncline has numerous reverse faults through its limbs and through the core of the syncline. Reverse faulting is common on both limbs of the Middle Anticline. To the north of the Middle Anticline the coal section is folded into a broad syncline/anticline pair that plunges northwest. The syncline north of the Middle Anticline becomes a broad open fold at the Wolverine River Valley. This area is known only from mapping and one diamond drill hole (QWD 86001). The anticline may be the extension of the Marmot Anticline which is currently being mined.

To the south of the southern syncline, rocks below the Gates Formation are folded into an asymmetric anticline with a shallow south limb and a steep north limb. Gething Formation coals have been mapped and drilled in this area. Interpretation of this area is incomplete, but the anticline appears to be cut by several reverse faults.

4.0 MAPPING

Exploration of the Mesa Extension area began in 1976 and 1977. During this period, regional and detailed mapping in and around the current Mesa pit was initiated. Further mapping was subsequently conducted in 1981 and 1982. Introduction of the 1988 drill program allowed supplementary mapping to be performed along the 4.5 kilometres of drill access roads built that summer. Mapping continued along the 4.7 kilometres of road built in 1989, the 4.4 kilometres built during the 1994 drill program, and the 4.2 kilometres built during the 1995 program. A detailed map, located in Appendix D, shows all roads built during 1988, 1989, 1994 and 1995. This map also details all recorded mapping in the area.

5.0 DRILLING AND DRILLING RECORDS

Drilling in the Mesa Extension area was initiated in 1988 to provide additional structural, stratigraphic and quality data. To date, 138 rotary holes totalling 16,807 m, and 11 diamond holes, totalling 1307 m, have been drilled in Mesa Extension.

During the 1988 exploration program, 1 diamond hole was cored to 234 m, and 11 rotary holes, totalling 1147 m, were drilled in Mesa Extension. In 1989, 32 rotary holes with a combined depth of 2964 m, and 3 diamond holes totalling 579 m, were drilled. No further drilling was conducted directly in Mesa Extension until 1994, when 59 rotary holes totalling 7675 m, and 7 diamond holes to a total depth of 494 m were completed. The 1994 drill program more than doubled the database, greatly improving geological confidence in the Mesa Extension reserve area. The 1995 program was targeted to explore three areas:

- the overturned limb of the south syncline
- the north limb of the Middle anticline near the proposed pit wall

-coal exposures south of the south syncline, which were intersected by roadcuts and drillholes in the 1994 program

A total of 5021 m of rotary drilling in 36 holes was completed in 1995.

Rotary Drilling

The 1995 rotary drilling in Mesa Extension was done by Elgin Exploration Ltd. A Terramec 1000 drill was used for both vertical and angle rotary holes. The driller's logs of the holes are on record with each hole file at the Eagles Nest Office. These reports record coal intersections, water levels, fractures and estimated ground water flow rates in each hole.

Appendix A1 represents all drilling throughout the reserve area for 1995 and provides hole number, mine grid co-ordinates, collar elevation and total depth, as well as details on the coal seam intersections of all 1995 rotary holes. A map showing the collar location of all holes drilled in Mesa Extension is located in Appendix A.

6.0 ADITS

No adits were driven in 1995.

7.0 QUALITY AND COAL ANALYSES

Mesa Extension coal is self coking and medium volatile bituminous in rank. Quality data is based on a detailed analysis of coal cored from selected drill holes and from bulk adit samples. The coal has undergone extensive analysis including proximate, ultimate, chemical, rheological, washability and petrographic.

8.0 RECLAMATION

Reclamation of disturbances prior to 1994 has been completed. All roads have been cross ditched as required for erosion control.

Reclamation of 1994 exploration disturbance is not complete. All roads have been cross ditched for erosion control and both adit locations have been resloped. Due to unseasonably cold and snowy weather conditions in the fall of 1994, seeding of roads used in the 1994 exploration program has not been completed. These roads were then used in the 1995 program. Seeding was done in the spring of 1995 on 1994 disturbance that was not used in the 1995 program. The adit sites were seeded in the spring of 1995 and additional seeding was done in the fall. 1995 disturbance was not seeded, again due to heavy snowfall in October. Seeding is scheduled for the spring of 1996.

9.0 TECHNICAL SURVEY

The Mesa Extension survey was carried out by using a Trimble G.P.S. survey system.. G.P.S. control was established using a Trimble GeoExplorer handheld receiver (post-processed with differential correction data) at certain key points to layout drill holes and roadways. After the drilling of both rotary and diamond holes was complete a more accurate G.P.S. system was used to pick up the collar locations of all the drill holes. Mapping locations of the exposed coal and rock from road building was established by traversing with compass and hip chain from known G.P.S. control points spaced strategically throughout the area. G.P.S. control points were spaced approximately 100m to 150m apart to maintain accuracy for traverses when mapping in exploration roads, geologic control points and drill holes.

10.0 ESTIMATES OF RESERVES AND RESOURCES

No reserve estimate has been done which incorporates the 1995 drilling, since the geological re-interpretation is not complete at this time.

11.0 COSTS INCURRED

1995 exploration costs for Mesa Extension can be broken down as follows:

Contract Logging (Elgin Exploration, Paul Fisher Constr.) (falling right of way for roads, road construction, timber salvage)	\$192,231.50
Drilling (Elgin Exploration Company Limited)	266,834.35
Geophysical Logging (Century Geophysical)	<u>44,861.53*</u>
TOTAL	\$503,927.39

*prorated because logging unit was shared between Mesa Extension program and another program

12.0 SUMMARY AND CONCLUSION

The 1995 drill program was successful in gaining valuable drill hole information to further delineate the coal structure in Mesa Extension. The previous belief that the southwestern part of the area is extremely complicated has been confirmed with the new drilling indicating an overturned and structurally thinned limb of the syncline along with deeper than anticipated overburden depths. 1995 drilling has increased the confidence level for upcoming reserve estimates for the area. Further work is required in Mesa Extension to:

DRILLHOLE REPORT FOR SUBSET #0, HOLE:QMR95028

HOLE #	NORTH	EAST	ELVN	LGTH	Sf1	Sf2	RG'N	CG
95028	38287.30	20060.57	1131.84	125.00				

#	DistSeam	Seam_t	Athick	NORTHING	EASTING	ELEVTN	LENGTH
0001	49.00	BD		38286.91	20053.75	1108.31	49.00
0002	50.40			38286.50	20046.73	1084.11	1.40
0003	50.50	FA		38286.49	20046.52	1083.39	0.10
0004	63.20			38286.39	20044.74	1077.25	12.70
0005	63.30	FA		38286.19	20043.03	1071.08	0.10
0006	69.70			38286.07	20042.20	1067.95	6.40
0007	70.30	J		38285.93	20041.30	1064.56	0.60
0008	70.40	FA?		38285.91	20041.21	1064.22	0.10
0009	87.70	J		38285.41	20039.23	1055.77	17.30

DRILLHOLE REPORT FOR SUBSET #0, HOLE:QMR95029

HOLE #	NORTH	EAST	ELVN	LGTH	Sf1	Sf2	RG'N	CG
QMR95029	38294.46	20055.18	1131.68	175.00				

#	DistSeam	Seam_t	Athick	NORTHING	EASTING	ELEVTN	LENGTH
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Apr 08 09:55 1996 Page 6

0001	48.00	BD		38289.15	20060.32	1108.85	48.00
0002	60.40			38282.96	20067.77	1080.25	12.40
0003	60.50	FA		38281.47	20069.37	1074.39	0.10
0004	85.00			38278.19	20072.41	1062.94	24.50
0005	103.00	J		38274.28	20078.63	1043.03	18.00
0006	119.00			38271.62	20083.29	1026.90	16.00
0007	119.10	FA		38270.97	20085.62	1019.23	0.10

DRILLHOLE REPORT FOR SUBSET #0, HOLE:QMR95029

#	DistSeam	Seam_t	Athick	NORTHING	EASTING	ELEVTN	LENGTH
0008	146.00			38269.26	20089.08	1006.30	26.90
0009	164.80	J		38265.61	20094.45	984.40	18.80

DRILLHOLE REPORT FOR SUBSET #0, HOLE:QMR95030

HOLE #	NORTH	EAST	ELVN	LGTH	Sf1	Sf2	RG'N	CG
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APPENDIX 1 - DRILLHOLE SUMMARY

LYNX GEOSYSTEMS INC.
PROJECT: MESA93
SUBSET: #0

Mon Apr 8 09:51:30 1996
USER: sharman
RAW DRILLHOLE DATA

DRILLHOLE INDEX REPORT

HOLE #	NORTH	EAST	ELVN	LGTH	Sf1	Sf2	RG'N	CG
QMR95017	38297.36	19679.12	1185.14	114.00				
QMR95018	38415.31	19787.84	1175.67	151.00				
QMR95019	38411.86	19796.14	1175.54	180.00				
QMR95020	38134.99	19682.77	1202.82	130.00				
QMR95021	38300.15	19775.61	1194.28	145.00				
QMR95022	38449.87	19993.98	1123.80	100.00				
QMR95023	38982.65	19982.06	1001.76	95.00				
QMR95024	38912.40	19990.27	1010.97	100.00				
QMR95025	38816.55	19981.52	1032.55	120.00				
QMR95026	38592.03	20024.54	1066.06	148.00				
QMR95027	38490.55	20036.45	1098.98	164.00				
QMR95028	38287.30	20060.57	1131.84	125.00				
QMR95029	38294.46	20055.18	1131.68	175.00				
QMR95030	38097.96	20087.00	1158.64	117.00				
QMR95031	38095.44	20087.27	1158.55	111.00				
QMR95032	38192.06	20192.84	1155.40	141.00				
QMR95033	37927.01	20138.32	1205.08	144.00				
QMR95034	38914.86	20107.46	1006.31	102.00				
QMR95035	38701.86	20096.13	1054.26	140.00				
QMR95036	38715.75	20443.61	1134.32	111.00				
QMR95037	38632.46	20398.41	1173.04	200.00				
QMR95038	37678.53	19963.54	1287.65	75.00				
QMR95039	37535.48	20040.71	1357.96	75.00				
QMR95040	37537.19	20040.16	1357.65	77.00				
QMR95041	38497.31	20350.96	1208.68	157.00				
QMR95042	38312.40	20367.32	1220.66	172.00				
QMR95043	38198.21	20392.61	1246.27	219.00				
QMR95044	38120.00	20462.00	1272.80	254.00				
QMR95045	38015.30	20477.57	1305.11	230.00				
QMR95046	38002.71	20527.86	1324.09	150.00				
QMR95047	37858.21	20426.02	1307.34	153.00				
QMR95048	37843.06	20461.62	1327.16	255.00				
QMR95049	37621.92	20372.68	1296.27	120.00				
QMR95050	37438.64	19900.61	1384.43	100.00				
QMR95051	37504.00	19800.00	1383.70	61.00				
QMR9525A	38816.55	19981.00	1032.55	110.00				

5021.00

LYNX GEOSYSTEMS INC.
 PROJECT: MESA93
 SUBSET: #0

Mon Apr 8 09:55:38 1996
 USER: sharman
 RAW DRILLHOLE DATA

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

DRILLHOLE REPORT FOR SUBSET #0, HOLE:QMR95017

HOLE #	NORTH	EAST	ELVN	LGTH	Sf1	Sf2	RG'N	CG
QMR95017	38297.36	19679.12	1185.14	114.00				

#	DistSeam	Seam_t	Athick	NORTHING	EASTING	ELEVTN	LENGTH
0001	4.00BD			38297.31	19679.20	1183.14	4.00
0002	9.00			38297.19	19679.34	1178.65	5.00
0003	10.60GT1			38297.11	19679.45	1175.35	1.60
0004	17.30			38297.01	19679.58	1171.20	6.70
0005	19.40GT2			38296.90	19679.74	1166.81	2.10
0006	26.70			38296.79	19679.95	1162.11	7.30
0007	28.60GT3			38296.68	19680.18	1157.52	1.90
0008	47.90			38296.46	19680.86	1146.94	19.30
0009	48.00FA			38296.24	19681.52	1137.27	0.10
0010	114.00			38295.53	19684.14	1104.33	66.00

DRILLHOLE REPORT FOR SUBSET #0, HOLE:QMR95018

HOLE #	NORTH	EAST	ELVN	LGTH	Sf1	Sf2	RG'N	CG
QMR95018	38415.31	19787.84	1175.67	151.00				

#	DistSeam	Seam_t	Athick	NORTHING	EASTING	ELEVTN	LENGTH
0001	3.50BD			38415.17	19788.36	1174.00	3.50
0002	78.20			38411.90	19799.57	1136.69	74.70
0003	82.00GT3			38407.78	19810.57	1099.24	3.80
0004	96.00			38406.76	19813.08	1090.76	14.00
0005	97.50GT2			38405.81	19815.28	1083.39	1.50
0006	106.40			38405.14	19816.77	1078.45	8.90
0007	106.50FA			38404.57	19818.05	1074.18	0.10
0008	115.20			38403.99	19819.31	1070.00	8.70

DRILLHOLE REPORT FOR SUBSET #0, HOLE:QMR95018

#	DistSeam	Seam_t	Athick	NORTHING	EASTING	ELEVTN	LENGTH
0009	116.00GT1			38403.36	19820.68	1065.50	0.80
0010	150.00			38401.15	19825.49	1048.97	34.00

DRILLHOLE REPORT FOR SUBSET #0, HOLE:QMR95019

HOLE #	NORTH	EAST	ELVN	LGTH	Sf1	Sf2	RG'N	CG
QMR95019	38411.86	19796.14	1175.54	180.00				

#	DistSeam	Seam_t	Athick	NORTHING	EASTING	ELEVTN	LENGTH
0001	8.40			38411.79	19796.14	1171.34	8.40
0002	8.50FA			38411.73	19796.15	1167.09	0.10
0003	128.00			38410.61	19795.65	1107.31	119.50
0004	128.10FA			38409.29	19796.86	1047.53	0.10
0005	176.00			38408.98	19797.27	1023.54	47.90

DRILLHOLE REPORT FOR SUBSET #0, HOLE:QMR95020

HOLE #	NORTH	EAST	ELVN	LGTH	Sf1	Sf2	RG'N	CG
QMR95020	38134.99	19682.77	1202.82	130.00				

#	DistSeam	Seam_t	Athick	NORTHING	EASTING	ELEVTN	LENGTH
0001	3.000BD			38134.68	19682.41	1201.40	3.00
0002	4.40			38134.24	19681.89	1199.31	1.40
0003	5.60GT1			38133.97	19681.58	1198.07	1.20
0004	18.10			38132.57	19679.95	1191.57	12.50
0005	19.60GT2			38131.24	19678.15	1184.94	1.50
0006	36.80			38129.85	19675.25	1176.16	17.20
0007	38.40GT3			38128.42	19672.37	1167.33	1.60
0008	128.00			38122.00	19659.50	1124.05	89.60

DRILLHOLE REPORT FOR SUBSET #0, HOLE:QMR95021

HOLE #	NORTH	EAST	ELVN	LGTH	Sf1	Sf2	RG'N	CG
QMR95021	38300.15	19775.61	1194.28	145.00				

#	DistSeam	Seam_t	Athick	NORTHING	EASTING	ELEVTN	LENGTH
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0001	8.000BD	38300.57	19776.75	1190.47	8.00
0002	15.00	38301.35	19778.87	1183.32	7.00
0003	17.90GT3	38301.87	19780.28	1178.60	2.90
0004	63.70	38304.41	19787.56	1155.51	45.80
0005	63.80FA	38305.94	19794.43	1133.68	0.10
0006	76.90	38306.24	19796.32	1127.36	13.10
0007	78.40GT2	38306.46	19798.53	1120.41	1.50

Apr 08 09:55 1996 Page 3

DRILLHOLE REPORT FOR SUBSET #0, HOLE:QMR95021

#	DistSeam	Seam_t	Athick	NORTHING	EASTING	ELEVTN	LENGTH
0008	98.00			38306.58	19801.89	1110.41	19.60
0009	99.60GT1			38306.58	19805.59	1100.48	1.60
0010	111.20			38306.53	19807.89	1094.29	11.60
0011	111.30FA			38306.46	19809.91	1088.80	0.10
0012	142.00			38306.04	19815.57	1074.49	30.70

DRILLHOLE REPORT FOR SUBSET #0, HOLE:QMR95022

HOLE #	NORTH	EAST	ELVN	LGTH	Sf1	Sf2	RG'N	CG
QMR95022	38449.87	19993.98	1123.80	100.00				

#	DistSeam	Seam_t	Athick	NORTHING	EASTING	ELEVTN	LENGTH
0001	9.000BD			38448.94	19992.45	1119.67	9.00

DRILLHOLE REPORT FOR SUBSET #0, HOLE:QMR95023

HOLE #	NORTH	EAST	ELVN	LGTH	Sf1	Sf2	RG'N	CG
QMR95023	38982.65	19982.06	1001.76	95.00				

#	DistSeam	Seam_t	Athick	NORTHING	EASTING	ELEVTN	LENGTH
0001	12.000BD			38982.76	19983.91	996.08	12.00
0002	34.00			38982.86	19989.72	980.11	22.00
0003	34.10FA			38982.93	19993.50	969.72	0.10
0004	58.50			38983.00	19997.70	958.21	24.40
0005	66.30J			38983.10	20003.20	943.08	7.80
0006	66.40FA?			38983.12	20004.55	939.37	0.10
0007	69.70J			38983.14	20005.13	937.77	3.30

DRILLHOLE REPORT FOR SUBSET #0, HOLE:QMR95024

HOLE #	NORTH	EAST	ELVN	LGTH	Sf1	Sf2	RG'N	CG
QMR95024	38912.40	19990.27	1010.97	100.00				
#	DistSeam	Seam_t	Athick	NORTHING	EASTING	ELEVTN	LENGTH	
0001	4.500BD			38912.44	19990.56	1008.74	4.50	
0002	37.80			38912.44	19993.84	990.13	33.30	
0003	38.90J			38912.44	19996.83	973.19	1.10	
0004	39.50			38912.44	19996.97	972.36	0.60	
0005	39.60FA?			38912.44	19997.04	972.01	0.10	
0006	39.70			38912.44	19997.05	971.91	0.10	
0007	41.40J			38912.44	19997.21	971.03	1.70	

Apr 08 09:55 1996 Page 4

0008	66.00			38912.44	19999.49	958.08	24.60	
0009	78.30J			38912.44	20002.70	939.91	12.30	

DRILLHOLE REPORT FOR SUBSET #0, HOLE:QMR95024

#	DistSeam	Seam_t	Athick	NORTHING	EASTING	ELEVTN	LENGTH
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DRILLHOLE REPORT FOR SUBSET #0, HOLE:QMR95025

HOLE #	NORTH	EAST	ELVN	LGTH	Sf1	Sf2	RG'N	CG
QMR95025	38816.55	19981.52	1032.55	120.00				
#	DistSeam	Seam_t	Athick	NORTHING	EASTING	ELEVTN	LENGTH	
0001	10.500BD			38816.55	19982.70	1027.43	10.50	
0002	61.60			38816.55	19990.36	997.60	51.10	
0003	62.50COAL			38816.55	19997.09	972.49	0.90	
0004	90.50			38816.55	20001.02	958.58	28.00	
0005	107.60J			38816.10	20006.32	936.69	17.10	

DRILLHOLE REPORT FOR SUBSET #0, HOLE:QMR95026

HOLE #	NORTH	EAST	ELVN	LGTH	Sf1	Sf2	RG'N	CG
95026	38592.03	20024.54	1066.06	148.00				
#	DistSeam	Seam_t	Athick	NORTHING	EASTING	ELEVTN	LENGTH	
0001	26.500BD			38592.67	20026.63	1052.99	26.50	

0002	35.70	38593.56	20029.54	1035.40	9.20
0003	36.50HG	38593.82	20030.41	1030.49	0.80
0004	54.00	38594.21	20032.22	1021.53	17.50
0005	55.80J	38594.41	20034.43	1012.13	1.80
0006	78.50	38594.46	20037.52	1000.28	22.70
0007	78.60FA	38594.14	20040.83	989.38	0.10
0008	101.40	38593.76	20044.49	978.54	22.80
0009	102.50G	38593.37	20048.52	967.29	1.10
0010	117.20	38593.18	20051.20	959.86	14.70
0011	117.30FA?	38593.05	20053.63	952.88	0.10
0012	121.80	38593.03	20054.34	950.69	4.50
0013	129.90J	38592.98	20056.37	944.72	8.10
0014	130.00FA	38592.98	20057.80	940.88	0.10
0015	131.20J	38592.99	20058.04	940.28	1.20

DRILLHOLE REPORT FOR SUBSET #0, HOLE:QMR95027

HOLE #	NORTH	EAST	ELVN	LGTH	Sf1	Sf2	RG'N	CG
QMR95027	38490.55	20036.45	1098.98	164.00				

Apr 08 09:55 1996 Page 5

#	DistSeam	Seam_t	Athick	NORTHING	EASTING	ELEVTN	LENGTH
0001	14.00BD			38490.28	20037.15	1092.02	14.00
0002	23.00			38489.80	20038.40	1080.60	9.00

DRILLHOLE REPORT FOR SUBSET #0, HOLE:QMR95027

#	DistSeam	Seam_t	Athick	NORTHING	EASTING	ELEVTN	LENGTH
0003	23.10FA			38489.60	20038.91	1076.08	0.10
0004	33.90			38489.29	20039.50	1070.67	10.80
0005	34.00FA			38488.99	20040.07	1065.26	0.10
0006	45.20			38488.68	20040.64	1059.65	11.20
0007	45.30FA			38488.42	20041.16	1054.03	0.10
0008	87.90			38487.73	20043.00	1032.77	42.60
0009	88.70COAL			38487.40	20045.22	1011.19	0.80
0010	92.20			38487.37	20045.45	1009.05	3.50
0011	94.00J			38487.33	20045.74	1006.41	1.80
0012	94.10FA			38487.31	20045.86	1005.47	0.10
0013	107.10			38487.21	20046.57	998.96	13.00
0014	108.20G			38487.07	20047.34	991.96	1.10
0015	141.50			38486.75	20049.39	974.88	33.30
0016	148.50J			38486.19	20052.27	954.95	7.00

DRILLHOLE REPORT FOR SUBSET #0, HOLE:QMR95028

HOLE #	NORTH	EAST	ELVN	LGTH	Sf1	Sf2	RG'N	CG
95028	38287.30	20060.57	1131.84	125.00				

#	DistSeam	Seam_t	Athick	NORTHING	EASTING	ELEVTN	LENGTH
0001	49.00	BD		38286.91	20053.75	1108.31	49.00
0002	50.40			38286.50	20046.73	1084.11	1.40
0003	50.50	FA		38286.49	20046.52	1083.39	0.10
0004	63.20			38286.39	20044.74	1077.25	12.70
0005	63.30	FA		38286.19	20043.03	1071.08	0.10
0006	69.70			38286.07	20042.20	1067.95	6.40
0007	70.30	J		38285.93	20041.30	1064.56	0.60
0008	70.40	FA?		38285.91	20041.21	1064.22	0.10
0009	87.70	J		38285.41	20039.23	1055.77	17.30

DRILLHOLE REPORT FOR SUBSET #0, HOLE:QMR95029

HOLE #	NORTH	EAST	ELVN	LGTH	Sf1	Sf2	RG'N	CG
QMR95029	38294.46	20055.18	1131.68	175.00				

#	DistSeam	Seam_t	Athick	NORTHING	EASTING	ELEVTN	LENGTH
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Apr 08 09:55 1996 Page 6

0001	48.00	BD		38289.15	20060.32	1108.85	48.00
0002	60.40			38282.96	20067.77	1080.25	12.40
0003	60.50	FA		38281.47	20069.37	1074.39	0.10
0004	85.00			38278.19	20072.41	1062.94	24.50
0005	103.00	J		38274.28	20078.63	1043.03	18.00
0006	119.00			38271.62	20083.29	1026.90	16.00
0007	119.10	FA		38270.97	20085.62	1019.23	0.10

DRILLHOLE REPORT FOR SUBSET #0, HOLE:QMR95029

#	DistSeam	Seam_t	Athick	NORTHING	EASTING	ELEVTN	LENGTH
0008	146.00			38269.26	20089.08	1006.30	26.90
0009	164.80	J		38265.61	20094.45	984.40	18.80

DRILLHOLE REPORT FOR SUBSET #0, HOLE:QMR95030

HOLE #	NORTH	EAST	ELVN	LGTH	Sf1	Sf2	RG'N	CG
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QMR95030 38097.96 20087.00 1158.64 117.00

#	DistSeam	Seam_t	Athick	NORTHING	EASTING	ELEVTVN	LENGTH
0001	32.00BD			38095.00	20079.28	1144.95	32.00
0002	35.00			38091.69	20070.65	1130.09	3.00
0003	43.20J			38090.92	20068.04	1125.21	8.20
0004	95.30			38089.19	20054.79	1098.19	52.10
0005	95.80HG			38087.28	20044.57	1074.04	0.50

DRILLHOLE REPORT FOR SUBSET #0, HOLE:QMR95031

HOLE #	NORTH	EAST	ELVN	LGTH	Sf1	Sf2	RG'N	CG
QMR95031	38095.44	20087.27	1158.55	111.00				

#	DistSeam	Seam_t	Athick	NORTHING	EASTING	ELEVTVN	LENGTH
0001	34.00BD			38095.05	20087.12	1141.56	34.00
0002	37.50J			38094.62	20086.96	1122.81	3.50
0003	79.50			38093.76	20086.63	1100.08	42.00
0004	80.00HG			38090.39	20086.33	1079.13	0.50

DRILLHOLE REPORT FOR SUBSET #0, HOLE:QMR95032

HOLE #	NORTH	EAST	ELVN	LGTH	Sf1	Sf2	RG'N	CG
QMR95032	38192.06	20192.84	1155.40	141.00				

#	DistSeam	Seam_t	Athick	NORTHING	EASTING	ELEVTVN	LENGTH
0001	11.00BD			38191.58	20192.36	1149.94	11.00

0002	14.00E			38190.90	20191.70	1143.01	3.00
0003	17.90			38190.75	20191.25	1139.59	3.90
0004	18.00FA			38190.71	20190.98	1137.61	0.10
0005	23.50			38190.67	20190.61	1134.84	5.50
0006	25.20E3L			38190.62	20190.12	1131.27	1.70
0007	28.00			38190.60	20189.83	1129.04	2.80
0008	30.00E4			38190.55	20189.52	1126.66	2.00
0009	50.10			38190.31	20188.03	1115.71	20.10
0010	52.30G			38189.94	20186.52	1104.67	2.20
0011	52.40FA			38189.90	20186.36	1103.53	0.10

#	DistSeam	Seam_t	Athick	NORTHING	EASTING	ELEVTVN	LENGTH
0012	96.50			38188.87	20183.23	1081.68	44.10
0013	102.00J			38187.64	20179.34	1057.22	5.50
14	102.10FA			38187.46	20178.95	1054.45	0.10

DRILLHOLE REPORT FOR SUBSET #0, HOLE:QMR95033

HOLE #	NORTH	EAST	ELVN	LGTH	Sf1	Sf2	RG'N	CG
QMR95033	37927.01	20138.32	1205.08	144.00				

#	DistSeam	Seam_t	Athick	NORTHING	EASTING	ELEVTVN	LENGTH
0001	11.000BD			37926.85	20140.66	1200.11	11.00
0002	32.50			37926.35	20147.79	1185.51	21.50
0003	35.80G			37926.00	20153.22	1174.37	3.30
0004	85.50			37924.98	20164.32	1150.33	49.70
0005	85.60FA			37923.91	20173.98	1127.40	0.10
0006	95.40			37923.72	20175.80	1122.81	9.80
0007	95.50FA			37923.54	20177.56	1118.18	0.10
0008	97.20			37923.50	20177.88	1117.34	1.70
0009	133.00J			37922.69	20184.18	1099.70	35.80

DRILLHOLE REPORT FOR SUBSET #0, HOLE:QMR95034

HOLE #	NORTH	EAST	ELVN	LGTH	Sf1	Sf2	RG'N	CG
QMR95034	38914.86	20107.46	1006.31	102.00				

#	DistSeam	Seam_t	Athick	NORTHING	EASTING	ELEVTVN	LENGTH
0001	5.000BD			38914.42	20106.34	1004.12	5.00
0002	22.00			38912.58	20101.37	994.48	17.00
0003	23.00G			38912.23	20097.11	986.57	1.00
0004	51.90			38911.85	20090.16	973.34	28.90
0005	62.90J			38911.74	20081.45	955.40	11.00
0006	73.90			38911.76	20076.93	945.37	11.00

Apr 08 09:55 1996 Page 8

0007	74.00FA			38911.73	20074.70	940.28	0.10
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DRILLHOLE REPORT FOR SUBSET #0, HOLE:QMR95035

HOLE #	NORTH	EAST	ELVN	LGTH	Sf1	Sf2	RG'N	CG
QMR95035	38701.86	20096.13	1054.26	140.00				

#	DistSeam	Seam_t	Athick	NORTHING	EASTING	ELEVTVN	LENGTH
0001	3.790BD			38701.71	20095.96	1052.38	3.79
0002	3.80			38701.57	20095.79	1050.49	0.01

0003 4.90D4 38701.53 20095.74 1049.94 1.10

DRILLHOLE REPORT FOR SUBSET #0, HOLE:QMR95035

#	DistSeam	Seam_t	Athick	NORTHING	EASTING	ELEVTN	LENGTH
0004	24.00			38700.89	20094.70	1039.92	19.10
0005	35.00E			38700.97	20092.59	1025.02	11.00
0006	38.90			38701.04	20091.61	1017.63	3.90
0007	40.30E3L			38701.08	20091.27	1015.01	1.40
0008	41.00			38701.10	20091.13	1013.96	0.70
0009	43.60E4			38701.12	20090.93	1012.33	2.60
0010	44.70			38701.15	20090.70	1010.49	1.10
0011	44.80FA			38701.16	20090.63	1009.90	0.10
0012	47.20			38701.18	20090.48	1008.65	2.40
0013	50.00E4			38701.22	20090.20	1006.07	2.80
0014	53.00			38701.28	20089.88	1003.19	3.00
0015	54.00FA/COAL			38701.30	20089.68	1001.20	1.00
0016	56.40			38701.32	20089.52	999.51	2.40
0017	58.20E4			38701.36	20089.33	997.42	1.80
0018	71.00			38701.46	20088.74	990.14	12.80
0019	72.00G			38701.54	20088.30	983.25	1.00
0020	83.00			38701.60	20087.98	977.26	11.00
0021	83.10FA			38701.65	20087.68	971.72	0.10
0022	93.40			38701.69	20087.43	966.53	10.30
0023	104.00J			38701.79	20087.09	956.08	10.60

DRILLHOLE REPORT FOR SUBSET #0, HOLE:QMR95036

HOLE #	NORTH	EAST	ELVN	LGTH	Sf1	Sf2	RG'N	CG
QMR95036	38715.75	20443.61	1134.32	111.00				

#	DistSeam	Seam_t	Athick	NORTHING	EASTING	ELEVTN	LENGTH
0001	8.000BD			38715.87	20442.18	1130.63	8.00
0002	71.50			38716.14	20427.06	1098.23	63.50
0003	76.50COAL			38716.39	20412.59	1067.19	5.00
0004	77.00			38716.41	20411.43	1064.70	0.50

Apr 08 09:55 1996 Page 9

0005	83.00COAL			38716.43	20410.05	1061.75	6.00
0006	83.50			38716.46	20408.68	1058.81	0.50
0007	98.50COAL			38716.53	20405.40	1051.78	15.00

DRILLHOLE REPORT FOR SUBSET #0, HOLE:QMR95037

HOLE #	NORTH	EAST	ELVN	LGTH	Sf1	Sf2	RG'N	CG
QMR95037	38632.46	20398.41	1173.04	200.00				

#	DistSeam	Seam_t	Athick	NORTHING	EASTING	ELEVTN	LENGTH
0001	5.00	0BD		38632.07	20397.77	1170.65	5.00
0002	22.50			38630.56	20394.74	1159.94	17.50
0003	23.00	FA		38630.68	20391.77	1151.45	0.50

DRILLHOLE REPORT FOR SUBSET #0, HOLE:QMR95037

#	DistSeam	Seam_t	Athick	NORTHING	EASTING	ELEVTN	LENGTH
0004	39.30			38630.91	20388.98	1143.52	16.30
0005	44.00	CPRK		38631.08	20385.53	1133.61	4.70
0006	46.40	D3		38631.04	20384.36	1130.26	2.40
0007	52.20			38631.06	20383.02	1126.38	5.80
0008	52.80	D4		38631.14	20381.98	1123.35	0.60
0009	79.50			38631.42	20377.59	1110.43	26.70
0010	87.50	E		38631.60	20371.63	1094.14	8.00
0011	89.90			38631.56	20369.72	1089.31	2.40
0012	91.00	E3L		38631.53	20369.07	1087.68	1.10
0013	93.40			38631.49	20368.41	1086.06	2.40
0014	94.20	E4U		38631.44	20367.80	1084.59	0.80
0015	102.00			38631.35	20366.14	1080.62	7.80
0016	103.20	E4L		38631.35	20364.39	1076.47	1.20
0017	117.70			38631.33	20361.25	1069.28	14.50
0018	118.80	G		38631.14	20357.96	1062.21	1.10
0019	149.70			38630.71	20350.81	1047.90	30.90
0020	154.40	J		38630.29	20342.53	1032.16	4.70

DRILLHOLE REPORT FOR SUBSET #0, HOLE:QMR95038

HOLE #	NORTH	EAST	ELVN	LGTH	Sf1	Sf2	RG'N	CG
QMR95038	37678.53	19963.54	1287.65	75.00				

#	DistSeam	Seam_t	Athick	NORTHING	EASTING	ELEVTN	LENGTH
0001	7.00	0BD		37678.61	19963.43	1284.15	7.00
0002	14.60	J		37678.78	19963.21	1276.86	7.60
0003	24.20			37678.98	19962.95	1268.26	9.60
0004	24.30	FA		37679.11	19962.81	1263.42	0.10
0005	66.00			37679.53	19962.47	1242.53	41.70

0006 66.60HG 37680.04 19961.78 1221.39 0.60

DRILLHOLE REPORT FOR SUBSET #0, HOLE:QMR95039

HOLE #	NORTH	EAST	ELVN	LGTH	Sf1	Sf2	RG'N	CG
QMR95039	37535.48	20040.71	1357.96	75.00				

#	DistSeam	Seam_t	Athick	NORTHING	EASTING	ELEVTN	LENGTH
0001	3.000BD			37535.46	20040.68	1356.46	3.00
0002	29.50			37535.17	20040.39	1341.72	26.50
0003	38.40J			37534.83	20040.02	1324.02	8.90
0004	50.00			37534.73	20039.83	1313.78	11.60
0005	50.10FA			37534.71	20039.74	1307.93	0.10

DRILLHOLE REPORT FOR SUBSET #0, HOLE:QMR95040

HOLE #	NORTH	EAST	ELVN	LGTH	Sf1	Sf2	RG'N	CG
QMR95040	37537.19	20040.16	1357.65	77.00				

DRILLHOLE REPORT FOR SUBSET #0, HOLE:QMR95040

	DistSeam	Seam_t	Athick	NORTHING	EASTING	ELEVTVN	LENGTH
0001	3.000BD			37537.41	20039.52	1356.31	3.00
0002	28.00			37537.60	20033.13	1343.94	25.00
0003	37.00J			37536.04	20025.43	1328.87	9.00

DRILLHOLE REPORT FOR SUBSET #0, HOLE:QMR95041

HOLE #	NORTH	EAST	ELVN	LGTH	Sf1	Sf2	RG'N	CG
QMR95041	38497.31	20350.96	1208.68	157.00				

#	DistSeam	Seam_t	Athick	NORTHING	EASTING	ELEVTVN	LENGTH
0001	3.500BD			38497.39	20350.62	1206.96	3.50
0002	21.70			38497.74	20348.46	1196.34	18.20
0003	21.80FA			38497.90	20346.34	1187.44	0.10
0004	23.60			38497.92	20346.11	1186.52	1.80
0005	27.10CPRK			38497.99	20345.41	1183.96	3.50
0006	28.10D3			38498.06	20344.82	1181.79	1.00
0007	29.20			38498.10	20344.54	1180.78	1.10
0008	30.00D4			38498.12	20344.28	1179.87	0.80
0009	35.50			38498.21	20343.43	1176.84	5.50
0010	42.10E			38498.21	20341.73	1171.03	6.60
0011	44.00			38498.21	20340.50	1166.96	1.90
0012	45.00E3L			38498.22	20340.08	1165.58	1.00
0013	53.30			38498.26	20338.68	1161.14	8.30
0014	53.40FA			38498.31	20337.39	1157.14	0.10
0015	55.20			38498.33	20337.09	1156.24	1.80
0016	61.00E			38498.39	20335.89	1152.64	5.80

0017	61.50	38498.41	20334.88	1149.65	0.50
0018	62.40E3L	38498.42	20334.65	1148.99	0.90

Apr 08 09:55 1996 Page 12

0019	67.80	38498.48	20333.61	1146.02	5.40
0020	69.50E4	38498.57	20332.46	1142.66	1.70
0021	71.70	38498.62	20331.83	1140.82	2.20
0022	71.80FA	38498.64	20331.46	1139.73	0.10
0023	73.80	38498.66	20331.11	1138.74	2.00
0024	74.90E4	38498.69	20330.61	1137.28	1.10
0025	89.40	38499.03	20327.84	1129.99	14.50
0026	90.30G	38499.55	20324.71	1122.97	0.90
0027	127.50	38501.36	20316.14	1106.06	37.20
0028	138.10J	38503.47	20305.61	1084.72	10.60

DRILLHOLE REPORT FOR SUBSET #0, HOLE:QMR95042

HOLE #	NORTH	EAST	ELVN	LGTH	Sf1	Sf2	RG'N	CG
QMR95042	38312.40	20367.32	1220.66	172.00				

DRILLHOLE REPORT FOR SUBSET #0, HOLE:QMR95042

#	DistSeam	Seam_t	Athick	NORTHING	EASTING	ELEVTVN	LENGTH
0001	34.000BD			38311.18	20360.61	1205.09	34.00
0002	34.50			38309.94	20353.78	1189.30	0.50
0003	34.60FA			38309.92	20353.66	1189.02	0.10
0004	51.10			38309.35	20350.37	1181.42	16.50
0005	55.00D3?			38308.92	20346.31	1172.08	3.90
0006	56.40			38308.83	20345.25	1169.65	1.40
0007	56.50FA			38308.80	20344.96	1168.96	0.10
0008	60.40			38308.72	20344.18	1167.12	3.90
0009	71.00E			38308.48	20341.30	1160.47	10.60
0010	88.20			38308.03	20335.81	1147.71	17.20
0011	90.00E3L			38307.60	20332.20	1138.93	1.80
0012	92.10			38307.50	20331.47	1137.13	2.10
0013	93.80E4			38307.42	20330.75	1135.37	1.70
0014	101.90			38307.21	20328.91	1130.83	8.10
0015	102.00FA			38307.01	20327.40	1127.03	0.10
0016	109.00			38306.85	20326.09	1123.73	7.00
0017	110.00G			38306.69	20324.61	1120.02	1.00
0018	124.90			38306.40	20321.65	1112.65	14.90
0019	125.00FA			38306.08	20318.88	1105.68	0.10
0020	135.90			38305.86	20316.84	1100.58	10.90
0021	143.80J			38305.43	20313.29	1091.89	7.90

DRILLHOLE REPORT FOR SUBSET #0, HOLE:QMR95043

HOLE #	NORTH	EAST	ELVN	LGTH	Sf1	Sf2	RG'N	CG
QMR95043	38198.21	20392.61	1246.27	219.00				

#	DistSeam	Seam_t	Athick	NORTHING	EASTING	ELEVTVN	LENGTH
0001	19.00BD			38198.46	20389.45	1237.31	19.00
0002	20.00D3			38198.73	20386.12	1227.89	1.00
0003	21.00			38198.76	20385.79	1226.95	1.00
0004	21.80D4			38198.78	20385.49	1226.10	0.80
0005	32.00			38198.92	20383.65	1220.92	10.20

Apr 08 09:55 1996 Page 14

0006	37.00E			38198.98	20381.02	1213.79	5.00
0007	38.70			38198.99	20379.86	1210.65	1.70
0008	39.50E3L			38199.00	20379.43	1209.47	0.80
0009	44.00			38199.04	20378.52	1206.99	4.50
0010	44.10FA			38199.08	20377.73	1204.82	0.10
0011	80.20			38199.40	20371.73	1187.75	36.10
0012	80.30FA			38199.81	20365.99	1170.59	0.10
0013	86.20			38199.89	20365.03	1167.75	5.90
0014	86.30FA			38199.89	20364.06	1164.91	0.10
0015	96.20			38200.03	20362.45	1160.18	9.90
0016	97.40D3			38200.17	20360.66	1154.93	1.20
0017	99.20			38200.19	20360.18	1153.51	1.80

DRILLHOLE REPORT FOR SUBSET #0, HOLE:QMR95043

#	DistSeam	Seam_t	Athick	NORTHING	EASTING	ELEVTVN	LENGTH
0018	100.10D4			38200.21	20359.75	1152.23	0.90
0019	105.00			38200.21	20358.80	1149.49	4.90
0020	112.30E			38200.14	20356.78	1143.73	7.30
0021	116.10			38200.17	20354.93	1138.50	3.80
0022	117.30E3L			38200.12	20354.09	1136.15	1.20
0023	119.00			38200.10	20353.61	1134.78	1.70
0024	119.10FA			38200.08	20353.31	1133.93	0.10
0025	119.90E3L			38200.07	20353.16	1133.50	0.80
0026	123.20			38200.03	20352.48	1131.57	3.30
0027	125.20E4			38199.94	20351.59	1129.07	2.00
0028	136.50			38199.94	20349.37	1122.81	11.30
0029	137.90G			38199.93	20347.24	1116.83	1.40
0030	165.50			38199.78	20342.37	1103.17	27.60
0031	175.20J			38199.48	20336.39	1085.51	9.70

DRILLHOLE REPORT FOR SUBSET #0, HOLE:QMR95044

HOLE #	NORTH	EAST	ELVN	LGTH	Sf1	Sf2	RG'N	CG
QMR95044	38120.00	20462.00	1272.80	254.00				

#	DistSeam	Seam_t	Athick	NORTHING	EASTING	ELEVTVN	LENGTH
0001	7.00	OBD		38119.64	20460.56	1269.63	7.00
0002	22.90			38118.53	20455.78	1259.28	15.90
0003	23.00	F		38117.76	20452.45	1252.06	0.10
0004	36.40			38117.26	20449.61	1245.95	13.40
0005	36.80	F		38116.74	20446.77	1239.68	0.40
0006	69.90			38115.85	20440.11	1224.35	33.10
0007	70.00	F		38115.15	20434.00	1208.92	0.10
0008	112.30			38114.35	20427.20	1188.87	42.30
0009	112.40	F		38113.76	20420.77	1168.68	0.10
0010	129.30			38113.68	20418.12	1160.60	16.90
0011	129.40	F		38113.61	20415.46	1152.53	0.10

Apr 08 09:55 1996 Page 15

0012	138.00			38113.53	20414.08	1148.40	8.60
0013	141.00	CPRK		38113.35	20412.23	1142.91	3.00
0014	144.80	D3		38113.24	20411.13	1139.69	3.80
0015	146.00			38113.18	20410.31	1137.33	1.20
0016	147.00	D4		38113.15	20409.95	1136.29	1.00
0017	158.00			38113.05	20407.93	1130.64	11.00
0018	174.20	E		38112.64	20403.15	1117.92	16.20
0019	178.00			38112.29	20399.55	1108.59	3.80
0020	179.00	E3L		38112.17	20398.68	1106.36	1.00
0021	180.50			38112.10	20398.23	1105.20	1.50
0022	181.00	E4U		38112.05	20397.87	1104.27	0.50
0023	205.80			38111.54	20393.32	1092.47	24.80
0024	207.20	G		38111.15	20388.70	1080.23	1.40

DRILLHOLE REPORT FOR SUBSET #0, HOLE:QMR95044

#	DistSeam	Seam_t	Athick	NORTHING	EASTING	ELEVTVN	LENGTH
0025	230.00			38110.71	20384.33	1068.95	22.80
0026	242.20	J		38110.48	20378.09	1052.60	12.20

DRILLHOLE REPORT FOR SUBSET #0, HOLE:QMR95045

HOLE #	NORTH	EAST	ELVN	LGTH	Sf1	Sf2	RG'N	CG
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QMR95045 38015.30 20477.57 1305.11 230.00

#	DistSeam	Seam_t	Athick	NORTHING	EASTING	ELEVTVN	LENGTH
0001	47.00BD			38012.74	20468.52	1283.58	47.00
0002	58.00			38009.64	20457.33	1257.00	11.00
0003	59.00FA			38009.46	20454.90	1251.52	1.00
0004	163.00			38009.30	20435.72	1202.67	104.00
0005	164.00FA			38010.06	20421.56	1152.14	1.00
0006	178.80			38010.33	20419.33	1144.56	14.80
0007	178.90FA			38010.56	20417.15	1137.44	0.10
0008	209.90			38011.54	20412.81	1122.54	31.00
0009	216.90D3			38012.78	20407.38	1104.38	7.00
0010	223.00			38013.06	20405.43	1098.13	6.10
0011	224.50D4			38013.23	20404.29	1094.51	1.50

DRILLHOLE REPORT FOR SUBSET #0, HOLE:QMR95046

HOLE #	NORTH	EAST	ELVN	LGTH	Sf1	Sf2	RG'N	CG
QMR95046	38002.71	20527.86	1324.09	150.00				

#	DistSeam	Seam_t	Athick	NORTHING	EASTING	ELEVTVN	LENGTH
0001	4.50BD			38002.60	20527.12	1321.97	4.50
0002	29.00			38001.81	20522.24	1308.34	24.50

Apr 08 09:55 1996 Page 16

0003	29.10FA			38001.14	20518.02	1296.80	0.10
0004	41.90			38000.83	20515.81	1290.75	12.80
0005	42.00FA			38000.49	20513.63	1284.69	0.10
0006	58.80			37999.91	20510.83	1276.74	16.80
0007	59.30FA			37999.39	20507.99	1268.59	0.50
0008	90.80			37998.56	20503.06	1253.39	31.50
0009	90.90FA			37997.85	20498.61	1238.24	0.10

DRILLHOLE REPORT FOR SUBSET #0, HOLE:QMR95047

HOLE #	NORTH	EAST	ELVN	LGTH	Sf1	Sf2	RG'N	CG
QMR95047	37858.21	20426.02	1307.34	153.00				

Apr 08 09:55 1996 Page 17

DRILLHOLE REPORT FOR SUBSET #0, HOLE:QMR95047

#	DistSeam	Seam_t	Athick	NORTHING	EASTING	ELEVTN	LENGTH
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0001	7.000BD	37857.91	20424.49	1304.21	7.00
0002	22.00	37856.97	20419.61	1294.40	15.00
0003	22.10FA?	37856.39	20416.23	1287.67	0.10
0004	71.60	37855.12	20405.29	1265.45	49.50
0005	74.30D3	37853.78	20394.02	1241.95	2.70
0006	75.80	37853.71	20393.13	1240.05	1.50
0007	77.10D4	37853.66	20392.55	1238.78	1.30
0008	81.90	37853.53	20391.28	1236.01	4.80
0009	82.00FA	37853.41	20390.27	1233.78	0.10
0010	82.20	37853.40	20390.21	1233.64	0.20
0011	83.50D4	37853.36	20389.90	1232.96	1.30
0012	101.00	37852.97	20386.11	1224.36	17.50
0013	103.80E1	37852.57	20382.08	1215.06	2.80
0014	104.10	37852.46	20381.48	1213.63	0.30
0015	112.70E2	37852.16	20379.77	1209.54	8.60
0016	113.30	37852.01	20377.97	1205.31	0.60
0017	116.80E3	37851.99	20377.18	1203.42	3.50
0018	122.20	37852.04	20375.43	1199.33	5.40
0019	123.40E3L	37852.10	20374.11	1196.30	1.20
0020	125.60	37852.10	20373.43	1194.74	2.20
0021	127.00E4	37852.08	20372.71	1193.09	1.40
0022	142.40	37851.89	20369.32	1185.41	15.40
0023	146.20G	37851.60	20365.50	1176.61	3.80

DRILLHOLE REPORT FOR SUBSET #0, HOLE:QMR95048

HOLE #	NORTH	EAST	ELVN	LGTH	Sf1	Sf2	RG'N	CG
QMR95048	37843.06	20461.62	1327.16	255.00				

	DistSeam	Seam_t	Athick	NORTHING	EASTING	ELEVTN	LENGTH
0001	4.500BD			37843.21	20460.87	1325.05	4.50
0002	133.10			37847.76	20440.55	1261.86	128.60
0003	133.20FA			37852.61	20426.04	1199.37	0.10
0004	160.40			37853.42	20423.48	1185.99	27.20
0005	160.50FA			37854.14	20421.00	1172.58	0.10
0006	213.40			37855.60	20416.32	1146.54	52.90

Apr 08 09:55 1996 Page 18

0007	215.50D3			37857.10	20411.54	1119.50	2.10
0008	217.60			37857.21	20411.18	1117.44	2.10
0009	218.80D4			37857.30	20410.89	1115.81	1.20
0010	224.00			37857.48	20410.33	1112.67	5.20
0011	225.60E1			37857.66	20409.74	1109.33	1.60
0012	226.50			37857.73	20409.52	1108.10	0.90
0013	229.50E2			37857.86	20409.18	1106.18	3.00
0014	229.80			37857.93	20408.90	1104.56	0.30
0015	231.80E3			37857.99	20408.70	1103.43	2.00

DRILLHOLE REPORT FOR SUBSET #0, HOLE:QMR95048

#	DistSeam	Seam_t	Athick	NORTHING	EASTING	ELEVTN	LENGTH
0016	234.30			37858.11	20408.31	1101.21	2.50
0017	235.00E3L			37858.21	20408.03	1099.64	0.70
0018	236.80			37858.28	20407.81	1098.41	1.80
0019	238.00E4			37858.35	20407.55	1096.94	1.20

DRILLHOLE REPORT FOR SUBSET #0, HOLE:QMR95049

HOLE #	NORTH	EAST	ELVN	LGTH	Sf1	Sf2	RG'N	CG
QMR95049	37621.92	20372.68	1296.27	120.00				

#	DistSeam	Seam_t	Athick	NORTHING	EASTING	ELEVTN	LENGTH
0001	4.500BD			37621.86	20372.11	1294.10	4.50
0002	19.80			37621.60	20369.56	1284.53	15.30
0003	19.90FA			37621.47	20367.65	1277.07	0.10
0004	34.30			37621.33	20365.93	1270.03	14.40
0005	38.30CPRK			37621.14	20363.75	1261.10	4.00
0006	41.00D3			37621.07	20362.97	1257.84	2.70
0007	42.90			37621.01	20362.43	1255.60	1.90
0008	43.80D4			37620.98	20362.11	1254.24	0.90
0009	52.80			37620.85	20360.98	1249.43	9.00
0010	55.40E1			37620.72	20359.65	1243.78	2.60
0011	56.90			37620.66	20359.18	1241.79	1.50
0012	60.30E2			37620.60	20358.62	1239.40	3.40
0013	60.70			37620.54	20358.20	1237.55	0.40
0014	64.00E3			37620.48	20357.78	1235.75	3.30
0015	67.20			37620.40	20357.05	1232.58	3.20
0016	68.20E3L			37620.35	20356.58	1230.54	1.00
0017	69.60			37620.32	20356.32	1229.37	1.40
0018	70.60E4			37620.29	20356.05	1228.20	1.00
0019	71.40			37620.28	20355.86	1227.32	0.80
0020	71.50FA			37620.26	20355.77	1226.88	0.10
0021	84.00			37620.12	20354.39	1220.73	12.50
0022	86.70E3L			37619.96	20352.78	1213.30	2.70
0023	91.60			37619.87	20351.99	1209.59	4.90
0024	93.00E4			37619.81	20351.34	1206.51	1.40

Apr 08 09:55 1996 Page 19

0025	107.70			37619.65	20349.70	1198.63	14.70
0026	107.80FA			37619.51	20348.24	1191.38	0.10

DRILLHOLE REPORT FOR SUBSET #0, HOLE:QMR95050

HOLE #	NORTH	EAST	ELVN	LGTH	Sf1	Sf2	RG'N	CG
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QMR95050 37438.64 19900.61 1384.43 100.00



DRILLHOLE REPORT FOR SUBSET #0, HOLE:QMR95050

#	DistSeam	Seam_t	Athick	NORTHING	EASTING	ELEVTVN	LENGTH
0001	28.000BD			37438.26	19900.28	1370.44	28.00
0002	28.80			37437.80	19900.00	1356.05	0.80
0003	32.70J			37437.71	19899.96	1353.70	3.90
0004	77.30			37436.66	19899.87	1329.48	44.60
0005	77.40FA?			37435.44	19900.13	1307.16	0.10
0006	81.70			37435.33	19900.15	1304.96	4.30
0007	82.40HG			37435.21	19900.20	1302.47	0.70

DRILLHOLE REPORT FOR SUBSET #0, HOLE:QMR95051

HOLE #	NORTH	EAST	ELVN	LGTH	Sf1	Sf2	RG'N	CG
QMR95051	37504.00	19800.00	1383.70	61.00				

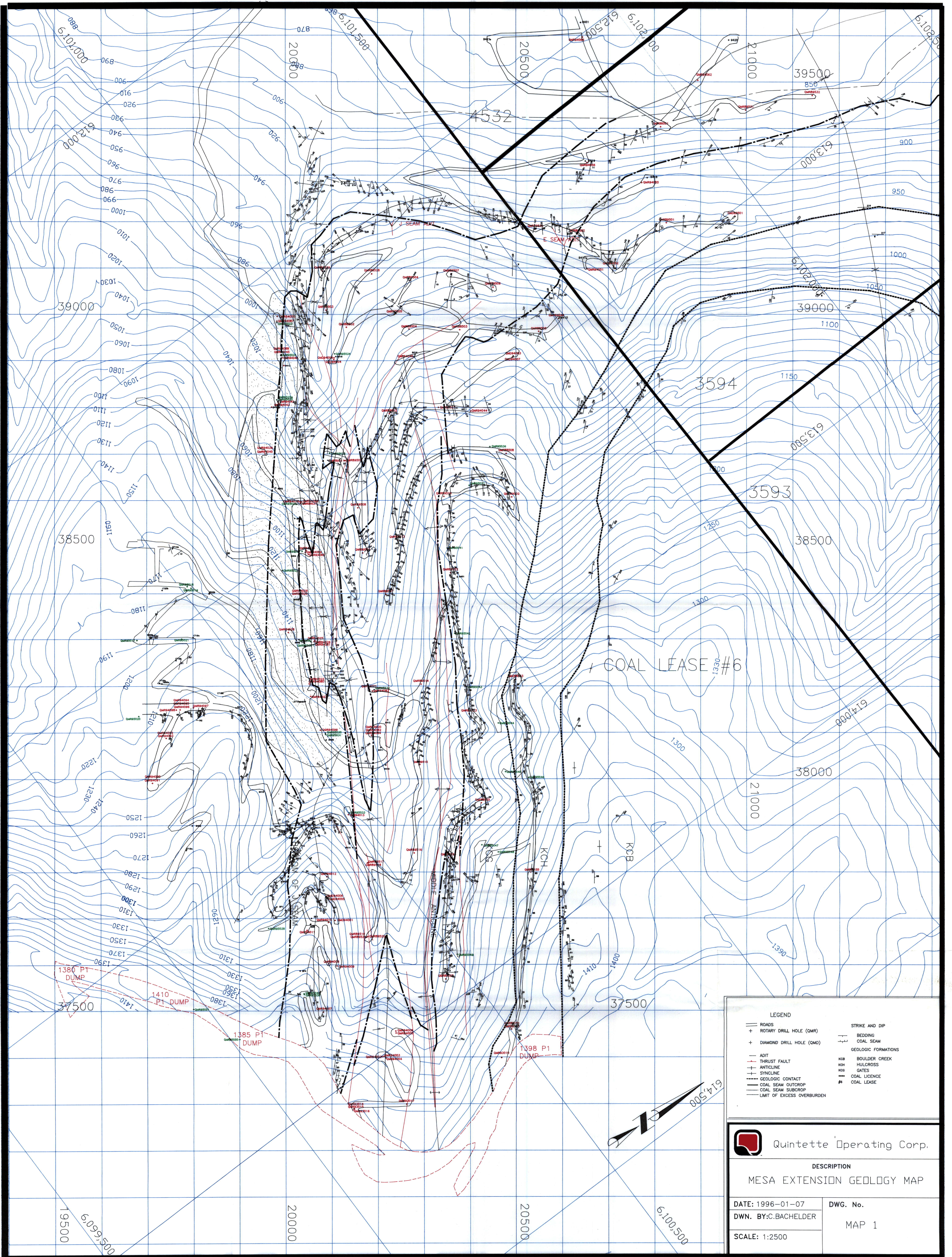
#	DistSeam	Seam_t	Athick	NORTHING	EASTING	ELEVTVN	LENGTH
0001	60.000BD			37503.91	19799.83	1353.70	60.00

DRILLHOLE REPORT FOR SUBSET #0, HOLE:QMR9525A

HOLE #	NORTH	EAST	ELVN	LGTH	Sf1	Sf2	RG'N	CG
QMR9525A	38816.55	19981.00	1032.55	110.00				

#	DistSeam	Seam_t	Athick	NORTHING	EASTING	ELEVTVN	LENGTH
0001	10.500BD			38816.75	19980.93	1027.31	10.50
0002	29.20			38817.53	19978.58	1012.95	18.70
0003	29.30FA			38817.69	19976.65	1003.75	0.10
0004	73.40			38818.00	19973.03	981.96	44.10
0005	73.50FA			38818.26	19970.11	960.05	0.10

APPENDIX 2 - 1:2500 MESA EXTENSION GEOLOGY MAP



LEGEND

—	ROADS	—	STRIKE AND DIP
+	ROTARY DRILL HOLE (QMR)	—	BEDDING
+	DIAMOND DRILL HOLE (QMD)	—	COAL SEAM
—	ADT	—	GEOLOGIC FORMATIONS
—	THRUST FAULT	KCB	BOULDER CREEK
—	ANTICLINE	KCH	HULCROSS
—	SYNCLINE	KCG	GATES
—	GEOLOGIC CONTACT	—	COAL LICENCE
—	COAL SEAM OUTCROP	—	COAL LEASE
—	COAL SEAM SUBCROP		
—	LIMIT OF EXCESS OVERBURDEN		

Quintette Operating Corp.

DESCRIPTION
MESA EXTENSION GEOLOGY MAP

DATE: 1996-01-07	DWG. No.
DWN. BY: C. BACHELDER	MAP 1
SCALE: 1:2500	