

MEMORANDUM

85 10 04

TO: File

FROM: J. Horgan

SUBJECT: FIELD VISIT TO HOUSTON, B.C.

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Purpose

To visit coal licence applications in the Babine River Valley and to reconnoitre the Hazelton groups sediments in the Nechako Mountain range for further exploration.

Joe A. Hidbur Coal Licence on Guess Creek south of Chapman Lake (Map 93L/15 Block A Units 81, 82, 91, 92), subsequently (Map 93L/15 Block H Units 1, 2, 11, 12).

The licence is accessible from Smithers along a network of logging roads (50 km.). Cutblocks are present on both sides of Guess Creek on the licence. Subsequent to our visit a second licence has been acquired immediately to the south.

The only outcrops found in a brief helicopter supported visit were along Guess Creek. For the most part they appeared to be steeply dipping sedimentary rocks but obviously contained some igneous and volcanics. From the air the rocks on the southern licence appeared to be volcanic. Some coal seams are present in the sedimentary sequence and the largest occurrence was examined on the ground.

The seam appeared to be captured in the footwall of a fault against which it terminates. The seam is exposed in a high meander bank where it is seen to dip steeply eastwards at 64° or more. The coal is highly sheared and contorted in places.

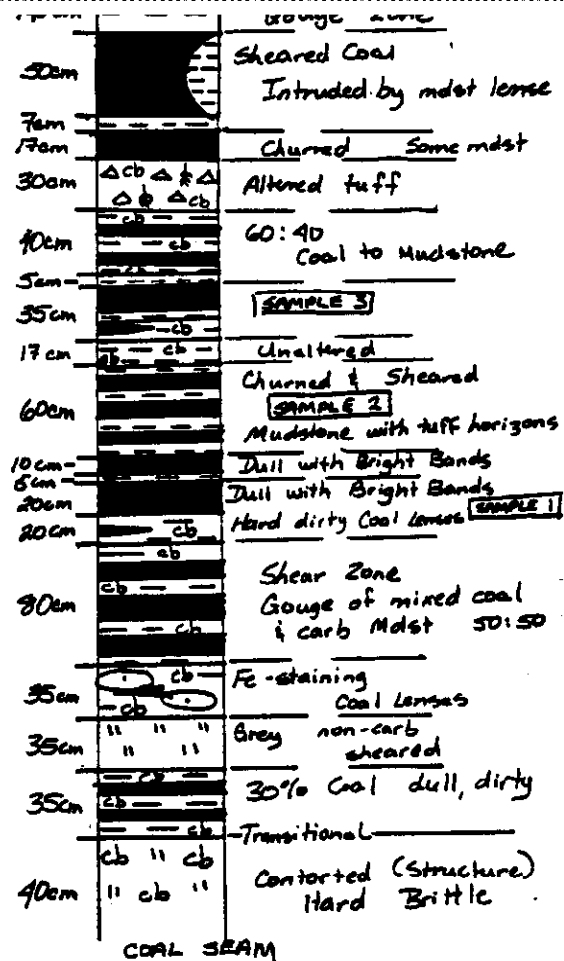
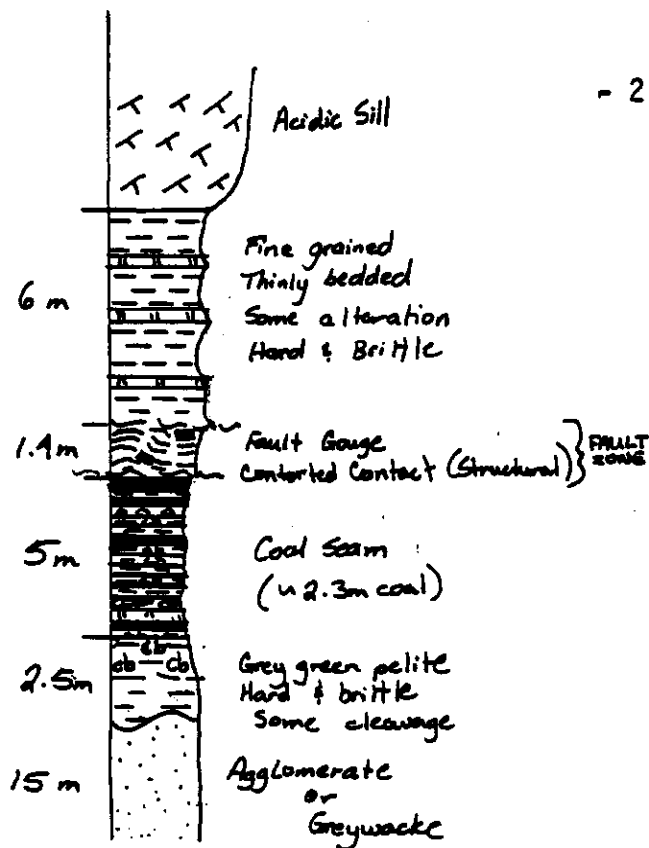
The hanging wall also contains sediments as well as an acidic dyke or sill. A lithology log of the exposure is given below.

The seam has a net thickness of five metres but of this only about 2.3 metres is coal and the coal is often thinly interbedded with parting material. The thickest coal bench is 50 centimetres but even this had a variable thickness due to disturbance. The coal except for a few thin benches appeared very dirty.

The sediments immediately below the seam were hard, brittle and showed some cleavage. Parting material within the seam appeared unaltered.

791

.../2



The licence application appears to be purely speculative at this time and with little mining potential.

Samples were taken from the seam and will be sent to the Esso lab for analyses.

### Ashton W. Mullan licences

These licences straddle Boucher Creek south of Centre Peak on the east side of Babine River Valley. They are much more remote in location with only the western licences accessible by some old unmaintained logging trails.

There is considerable topographic relief with areas of Alpine vegetation on the highest shoulders and fairly dense forest at lower elevations.

Some time was spent flying the area under rather low cloud cover. Most sediments observed resembled marine sediments of the Ashman formation. Some thick cliff forming sandstones were also present and the crest of one escarpment contains a thick carbonaceous unit. From the air this unit had the appearance of a sizeable seam but no coal could be found in a hurried ground inspection.

Unlike the former licence holdings there is fairly good exposure in creek valleys and along ridge tops. If coal is present in this sedimentary sequence then some potential may exist on trend. The area should be revisited during the 1986 field season.

Map Sheet 93M/ 9 Block D Units	27 28 37 38 29 30 39 40 47 48
	57 58 49 50 59 60 67 68 77 78
	69 70 79 80 89 90 99 100
Map Sheet 93M/10 Block A Units	41 42 51 52 61 62 71 72 63 64
	73 74 81 82 91 92 83 84 93 94
Map Sheet 93M/10 Block H Units	1, 2, 11, 12

### Nechako Range

The remainder of the visit consisted of flying the Hazelton group sediments of the Nechako Range in which a coal occurrence had been identified by (J. Dunn 1984).

Traverses were planned and other logistics for a mapping party. It is anticipated that a week of field mapping will allow us to assess with some confidence the coal mining potential of the range.

*John Hogan*

JH:jlb  
0008k:17-19

xc: G.J. Ockert

**MEMORANDUM**

85 09 25

TO: Jim Allan  
FROM: Brenda Wright  
SUBJECT: NECHAKO RECONNAISSANCE SAMPLE  
GUESS CREEK SAMPLES

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Please perform mean reflectance on the enclosed samples:

Guess Creek	Sta #1	Sample 1
	Sta #1	Sample 2
	Sta #1	Sample 3
Ashton Mullen	Sample #1	(Carb. mdst.)
Nechako	N001	

The first four samples were taken from middle Jurassic Hazelton Group sediments northeast of Smithers, B.C. The Guess Creek samples were found in close association with intrusive igneous rocks, so I would expect them to be upranked. We do not know much about the Ashton Mullen sample area - it all looked marine except for this one spot.

The Nechako sample is from an outcrop which was visited last year by John Dunn. It was analyzed as being a high-rank anthracite (Mean Refl 5.64%) by yourself last year (File 2647-Letter No. 45139). This is the only coal occurrence found in a series of coarse clastics with interlayered igneous rocks. We would like to double check the rank on this sample.

In addition, we would like to have proximate analysis, calorific value and total sulphur run on each sample. The charge code for this work is A1-YA04.

Deadline - October 31

Thank you.

*Brenda.*

BMW:jlb  
0027k:55  
xc: J. Horgan  
File 93F/7  
File 93L/15

# MEMORANDUM



Minerals Research Division

1985 10 30

File # 2647.081

To: B. Wright  
Coal Dept.

From: J. Allan

Re: Coal Analyses - Nechako and Guess Creek Samples

The analyses which you requested on five coal samples have been completed and the results are as follows:

Sample I.D.	H2O %	Ash %	Volatile Matter %	C.V. btu/lb	Total Sulphur %	Reflectance %

air-dry basis

## Guess Creek:

Sta#1, Spl#1	3.0	66.8	7.3	n.d.	n.d.	2.39
Sta#1, Spl#2	2.4	23.1	18.7	8297	0.87	1.39
Sta#1, Spl#3	4.9	32.1	20.8	10721	0.60	0.82
Nechako N001	6.0	53.7	11.9	n.d.	n.d.	5.42
Ashton Mullen #1	5.9	65.1	10.8	n.d.	n.d.	~ 0.75

## Notes:

1. n.d. indicates that the analysis was not performed because of the high ash content of the samples.
2. Guess Creek. This is a series of samples which have been elevated in rank by localized heating. Samples #1 and #2 show virtually no anisotropy, which indicates that the pressure compression effects of normal burial coalification are absent. I would conclude that high geothermal gradients have been active, e.g. over an intrusive, and thus rapid and localized rank changes should be anticipated in this area. Furthermore, the technological properties of these coals might not be predictable from conventional analyses because their chemistry may be quite different from normally coalified coals of similar apparent rank.

3. Nechako N001. The rank at this collection site is confirmed as anthracite. The reflectance value quoted above is, for this sample only, mean maximum reflectance. The coal is strongly anisotropic.
4. Ashton Mullen#1. This is a carbonaceous shale. Almost all of the contained organic matter is detrital, reworked material of a variety of ranks and generally is poorly preserved. The true rank of the sample is probably in the high volatile bituminous range, based on the observation and measurement on only a couple of grains. Therefore treat the quoted value for reflectance as an approximation only.



J. Allan

JA:sb  
cc: J.R. Rawling

0126-JA

**MEMORANDUM**

85 10 04

TO: File  
FROM: B.M. Wright  
SUBJECT: GUESS CREEK FOLLOW-UP RECONNAISSANCE

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Coal licenses held by J. Hidber and CNRL on Guess Creek were traversed on September 6, 1985 in order to assess the coal potential of the area. A five metre coal seam (2.3 m coal) found on the creek was trenched by J. Horgan and myself and is detailed in a memo from J. Horgan (85-09-04).

The rest of the creek was found to contain mainly volcanic rocks which were aphanitic and green to purple in colour. Exposure along the creek downstream from the bridge to the northeast is generally continuous. Only two outcrops containing sedimentary rocks were found. Both were coarse-grained and grit sandstone striking at about  $120^{\circ}$  and dipping southwest at  $20^{\circ}$ .

While in Smithers, a local newspaper carried further coal license applications by Suncor Resources in the Guess Creek area. These licenses cover flat to rolling drift-covered ground with logging cutblocks scattered throughout. No outcrops was seen on a previous fly-by of the area.

Little or no potential appears to exist for this area. It is possible that the recent activity around Guess Creek is purely land speculation.

*Brenda*

BMW:jlb  
0057k:7

(c) To promote the interests and welfare of seniors in the District of Campbell River, British Columbia and surrounding district and community.

Given under my hand and seal of office at Victoria, B.C., this 23rd day of July 1985.  
— B. Beckwith, Assistant Deputy Registrar of Companies. [au15 — 10557]

#### CHANGE OF NAME

I hereby certify that **Simon Fraser Community Homemakers Services Association** (S-13837), has this day changed its name to the name **Simon Fraser Home Support Association**.

Given under my hand and seal of office at Victoria, B.C., this 1st day of August 1985.  
— B. Beckwith, Assistant Deputy Registrar of Companies. [au15 — 10557]

#### CHANGE OF NAME

I hereby certify that **The Hornby Island Home Support Society** (S-14794), has this day changed its name to the name **Hornby & Denman Home Support Society**.

Given under my hand and seal of office at Victoria, B.C., this 30th day of July 1985.  
— B. Beckwith, Assistant Deputy Registrar of Companies. [au15 — 10557]

#### INCORPORATIONS

I, M. A. Jorre de St. Jorre, Registrar of Companies, hereby give notice of the incorporation for the following societies and the address of their offices:

##### July 25, 1985

S-20454 Edison Paramount Fine Arts Society, Second Floor, 5050 Kingsway, Burnaby, B.C. V5H 4H2.

S-20455 Juan de Fuca Lacrosse Association, 1016 Brock Avenue, Victoria, B.C. V9B 1K7.

##### July 26, 1985

S-20456 Ladysmith Tall Ships Society, 55 Front Street, Nanaimo, B.C. V9R 5H9.

S-20457 Twelfth Street (Kingsway) Merchants & Property Owners Association, 703—12th Street, New Westminster, B.C. V3M 4J7.

##### July 29, 1985

S-20459 District 69 Search and Rescue Squad, Lot 2, Ford Road, Coombs, B.C. V0R 1M0.

S-20458 South Cariboo Wishing Well Society, 1249 Brunswick Place (Box 1515), Ashcroft, B.C. V0K 1A0.

##### July 30, 1985

S-20465 Friends of L'Arche in the Americas, 7401 Sussex Avenue, Burnaby, B.C. V5J 3V6.

S-20461 Kimberley Dynamiters Scholarship Society, 230 Spokane Street, Kimberley, B.C.

S-20464 Kinsmen Club of Dawson Creek, Suite 2, 933—103 Avenue, Dawson Creek, B.C. V1G 2G4.

S-20462 Pacific Human Rights Education and Research Society, 203, 96 East Broadway, Vancouver, B.C. V5T 1V6.

S-20463 Popular Arts Preservation Society, c/o J. R. Dergousoff, 1975—66th Avenue (Box 35), Grand Forks, B.C.

S-20460 South Peace Hutterian Brethren Church, Suite 2, 933—103 Avenue, Dawson Creek, B.C.

##### July 31, 1985

S-20467 Afro-Canadian Cultural Society, 2175 Pandora Street (Box 69704, Station K), Vancouver, B.C. V5K 4W7.

S-20468 Squamish Valley Expo Society, 40439 Tantalus Way (Box 1959), Squamish, B.C. V0N 3G0.

S-20470 The Woodwin-Rogers Educational Society, 101, 2820 Birch Street, Vancouver, B.C. V6H 2T6.

S-20466 Valley Area Handicap Association, 24271—63 A Crescent (RR 8), Langley, B.C. V3A 6H4.

S-20469 Waverley Park Community Dock Association, RR 1, Site 4, Compartment 13, Sorrento, B.C. V0E 2W4.

##### August 1, 1985

S-20476 BIDC Business & Industrial Development Commission of Victoria, Malahat Building, 1002 Wharf Street, Victoria, B.C. V8W 1T4.

S-20473 Canadian Yugoslav Businessmen Association, 204, 8055 Anderson Road, Richmond, B.C. V6Y 1S2.

S-20472 Fraser Valley Blueberry Growers Association, 4612—152 Street, Surrey, B.C. V3S 4N7.

S-20475 Mainland Enhancement of Salmonoid Species Society, 2612 Woodland Crescent, Port McNeill, B.C. V0N 2R0.

S-20474 The Western Women's Labour History Project Society of B.C., 2534 Cambridge Street, Vancouver, B.C. V5K 1L4.

S-20471 Westcoast Native Society, 1, 4965 Argyle Street, Port Alberni, B.C. V9Y 1V6. [au15 — 10557]

#### TRUST COMPANY ACT

Notice is hereby given that **Peace Hills Trust Company — Société de Fiducie Peace Hills** (T-127), whose head office in the Province of British Columbia is situate at 1700, 750 West Pender Street, Vancouver, B.C. V6C 2B8, hereby revoke the appointment of Frederick W. Shandro, of 1700, 750 West Pender Street, Vancouver, B.C. V6C 2B8, as our attorney for the purposes of the *Trust Company Act*, with the powers and authority therein mentioned, and that, pursuant to the *Trust Company Act*, we hereby appoint William G. Nugent, of Clark Wilson, 1700, 750 West Pender Street, Vancouver, B.C. V6C 2B8, to act as our attorney to accept service of process in all suits and proceedings by or against us within the Province of British Columbia, and to receive all lawful notices to us, we hereby declaring that such service and notification shall be legal and binding on us.

In witness whereof we, the said Company, have caused our common seal to be hereunto affixed this 27th day of June 1985.  
— Peace Hills Trust Company — Société de Fiducie Peace Hills. [au29 — 10541]

#### TRUST COMPANY ACT

Notice is hereby given that **The Canada Trust Company** (T-41), whose head office in the Province of British Columbia is situate at 1055 Dunsmuir Street, Vancouver, B.C., hereby revoke the appointment of Gerald Leo Purcell, of 110 Yonge Street, Toronto, Ont., senior vice-president as our attorney for the purposes of the *Trust Company Act*, with the powers and authority therein mentioned, and that, pursuant to the

*Trust Company Act*, we hereby appoint Archibald Herbert Kerr, vice-chairman, of 1055 Dunsmuir Street, Vancouver, B.C., to act as our attorney to accept service of process in all suits and proceedings by or against us within the Province of British Columbia, and to receive all lawful notices to us, we hereby declaring that such service and notification shall be legal and binding on us.

In witness whereof we, the said Company, have caused our common seal to be hereunto affixed this 14th day of October 1983. — The Canada Trust Company. [au29 — 10541]

#### TRUST COMPANY ACT

Notice is hereby given that **The Canada Trust Company** (T-41), whose head office in the Province of British Columbia is situate at 1055 Dunsmuir Street, Vancouver, B.C., hereby revoke the appointment of Archibald Herbert Kerr, vice-chairman, of 1055 Dunsmuir Street, Vancouver, B.C., as our attorney for the purposes of the *Trust Company Act*, with the powers and authority therein mentioned, and that, pursuant to the *Trust Company Act*, we hereby appoint Leo Paul Sauve of 1055 Dunsmuir Street, Vancouver, B.C., to act as our attorney to accept service of process in all suits and proceedings by or against us within the Province of British Columbia, and to receive all lawful notices to us, we hereby declaring that such service and notification shall be legal and binding on us.

In witness whereof we, the said Company, have caused our common seal to be hereunto affixed this 3rd day of July 1985.  
— The Canada Trust Company. [au29 — 10541]

#### INCORPORATION CANCELLED

I, M. A. Jorre de St. Jorre, Registrar of Companies, hereby give notice that the incorporation of the under-mentioned trust company was cancelled and the trust company dissolved, pursuant to Section 23 of the *British Columbia Trust Company Act*.

##### July 21, 1985

T-133 Provident Trust Company.

[au29 — 10541]

#### MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES

##### COAL LICENCE APPLICATION

Take notice that, pursuant to the *Coal Act*, **Joe A. Hidber**, Box 280, Telkwa, B.C. V0J 2X0, holder of a valid Free Miner's Licence HIDBJA 239752, has applied to the Ministry of Energy, Mines and Petroleum Resources for a licence to explore for and develop coal in the following coal land situated in the Omineca Division of the Range 5, Coast District called the Sun-Rise



Property, and more specifically described as Map 93L/15: Block A, Units 81, 82, 91 and 92. July 27, 1985. — Joe H. Hidber. [au15]

#### COAL LICENCE APPLICATION

Take notice that, pursuant to the *Coal Act*, Joe A. Hidber, Box 280, Telkwa, B.C. V0J 2X0, holder of a valid Free Miner's Licence H1DBIA 239752, has applied to the Ministry of Energy, Mines and Petroleum Resources for a licence to explore for and develop coal in the following coal land situated in the Omineca Division of the Range 5 Coast District, called the Sun-Rise Property, and more specifically described as: Map 93L/15: Block H, Units 1, 2, 11 and 12. June 14, 1985. — Joe A. Hidber. [au15]

#### COAL LICENCE APPLICATION

Take notice that Thomas D. McEwan, 211, 1001 Cloverdale Avenue, Victoria, B.C. V8X 4C9, has filed with the Minister of Energy, Mines and Petroleum Resources a coal licence covering a parcel of land described as follows: Section 14, Range 7, Douglas Land District (100 acres, more or less). This application is pursuant to section 15 of the *Coal Act*. The area is more particularly described and outlined on Map C/92 G/4W and filed at the office of the Gold Commissioner, Mineral Titles, Room 410, Douglas Building, Victoria. [se5]

#### COAL LICENCE APPLICATION

Take notice that, pursuant to the *Coal Act*, Ashton W. Mullan, Suite 720, 800 West Pender Street, Vancouver, B.C. V6C 2V6, holder of valid Free Miner's Licence 275641, has applied to the Minister of Energy, Mines and Petroleum Resources for a licence to explore for and develop coal in the following land situated in the Hazelton Division of the Cassiar Land District called the Boucher Creek property, and more specifically described as Map Sheet 93M/9: Block D, Units 27, 28, 37, 38, 29, 30, 39, 40, 47, 48, 57, 58, 49, 50, 59, 60, 67, 68, 77, 78, 69, 70, 79, 80, 89, 90, 99, 100. Map Sheet 93M/10: Block A, Units 41, 42, 51, 52, 61, 62, 71, 72, 63, 64, 73, 74, 81, 82, 91, 92, 83, 84, 93, 94. Map Sheet 93M/10: Block H, Units 1, 2, 11, 12. June 27, 1985. — Ashton W. Mullan. [se5]

#### FILING REPORT

Take notice that N. Candy, owner of Candy Contracting Ltd., has filed with the Minister of Energy, Mines and Petroleum Resources a program for the protection and reclamation of the land and watercourses affected by the mine location at that part of Block 14, Lot 760, Group 1, NWD.

Any person affected by or interested in this program has 30 days to make written representation to the Minister. [au15]

#### FILING REPORT

Take notice that W. B. Frasson, of Remington Energy Ltd., has filed with the Minister of Energy, Mines and Petroleum Resources a program for the protection and

reclamation of the land and watercourses affected by the mine location at 96-1/94-G-3 (Sikanni area, northeast British Columbia).

Any person affected by or interested in this program has 30 days to make written representation to the Minister. [au15]

#### FILING REPORT

Take notice that Tom Rothel, of Rothel Excavating & Trucking Ltd., has filed with the Minister of Energy, Mines and Petroleum Resources a program for the protection and reclamation of the land and watercourses affected by the mine location 2 kilometres west of Corbin.

Any person affected by or interested in this program has 30 days to make written representation to the Minister. [au15]

### MINISTRY OF ENVIRONMENT

#### POLLUTION AMENDMENT

This application is to be filed with the Regional Waste Manager, 15362—103 A Avenue, Surrey, B.C. V3R 7A2.

Any person who may be adversely affected by the discharge or storage of the waste may, within 30 days from the last date of posting under section 3 (a), or publication, service or display under section 4, write to the Manager stating how he is affected.

*Preamble* — The purpose of this application is to amend the permit to include the discharge of an additional cyclone in the sizer area (planer mill).

Weldwood of Canada Ltd., 1055 West Hastings Street, Vancouver, B.C. V6E 2E9 hereby applies for amendment(s), as described below, to Permit PA-2061 granted on September 21, 1973, last amended November 7, 1984, which authorizes the discharge of contaminants from a sawmill and planer mill complex located at Squamish, B.C., to the air.

#### AMENDMENTS REQUESTED

Before: Discharge of 2 284 m<sup>3</sup>/min. of air contaminants to the environment from 7 cyclones.

After: Discharge of 2 624 m<sup>3</sup>/min. of air contaminants to the environment from 8 cyclones. (One additional cyclone discharge of 340 m<sup>3</sup>/min.)

A copy of this application was posted at the site in accordance with the Waste Management Regulations on July 25, 1985—Weldwood of Canada Ltd. [au15 — 10549]

#### POLLUTION AMENDMENT

This application is to be filed with the Waste Management Branch, 310 Ward Street, Nelson, B.C. V1L 5S4.

Any person who may be affected by the amendment to Permit PE-6248 described below may, within 30 days from the date of posting, publication, service or display, state in writing to the Manager how he is affected.

*Preamble* — The purpose of this application is to provide for the construction of sediment control facilities on a small un-

named creek (locally known as Porter Creek) at the northeast end of the Greenhills Surface Coal Mining Project. The Greenhills Project, operated by Westar Mining Ltd., is located between 6 Km and 13 Km northeast of Elkford.

Westar Mining Ltd., 18th Floor, 1176 West Georgia Street, Vancouver, B.C. V6E 4B8 hereby applies for amendment(s), as described below, to Permit PE-6248 granted on December 20, 1982, last amended November 20, 1984, which authorized the discharge of effluents from a coal preparation plant and related facilities located near Elkford, B.C., to a tailings impoundment, to Greenhills Creek, the Fording River and to the land.

#### AMENDMENTS REQUESTED

This amendment is requested to provide for the construction of sediment control facilities on Porter Creek and does not apply to alter other terms and conditions of Pollution Control Permit PE-6248.

The requested works are an instream sediment control impoundment, a sediment channel, and 8 filter berms (sediment traps). The impoundment will be located in the upper portion of Porter Creek on Westar Mining property approximately 12 kilometres north-northeast of Elkford (5 554 200 N, 652 800 E UTM) and will consist of an earth dam approximately 5 metres high and 50 metres long. The area of the reservoir behind the dam will be approximately 1 300 square metres. There will be 7 filter berms upstream of the impoundment and one immediately below the impoundment. The filter berms vary in size depending upon the topography but are in the order of 2 metres high by 10 metres long. Below the 7 filter berms but upstream of the main impoundment is a sediment channel, approximately 50 metres long by 4 metres wide.

The purpose of these works is to protect the downstream water quality values from surface coal mining pits and an overburden dump within the Porter Creek drainage.

This application, dated on July 30, 1985, was posted on the ground in accordance with the Waste Management Regulations.—G. Mickelson, Agent. [au15 — 10549]

#### POLLUTION AMENDMENT

This application is to be filed with the Regional Waste Manager, Third Floor, Plaza 400, 1011 Fourth Avenue, Prince George, B.C. V2L 3H9.

Any person who may be affected by the amendment to Permit PR-1707 described below may, within 30 days from the date of posting, publication, service or display, state in writing to the Manager how he is affected.

*Preamble* — The purpose of this application is to upgrade the terms and conditions of the permit to conform to the 1975 Pollution Control Objectives for Municipal-type Waste Discharges in British Columbia.

G. Dinsmore, of Regional District of Fraser-Fort George, hereby applies for amendment(s), as described below, to Waste

August 27, 1985

S-20531 Finnish Free Church of Campbell River, B.C., 206 Twillingate Road, Campbell River, B.C. V9W 1V2.

S-20532 Kamloops Chinese Evangelical Free Church, 2772 Valleyview Drive, Kamloops, B.C. V2C 4E8.

S-20529 Surrey Love In Action Society, 13110 — 99 Avenue, Surrey, B.C. V3T 1E9.

S-20530 Timberline Riders Society, c/o Norma Lacey, Buckhorn Road (RR 7, R.M.D. 12), Prince George, B.C. V2N 2J5.

August 28, 1985

S-20536 Kamloops Woodlot Education Society, 2417 Highway 97 North, Kelowna, B.C. V1X 4J2.

S-20534 Kootenay Woodlot Education Society, 800 Cranbrook Street, Cranbrook, B.C. V1C 4J6.

S-20535 Muks-Kum-Ol Housing Society, 3313 Kalum Street, Terrace, B.C. V8G 2N7.

S-20533 Together Recovery's Yours Society, 2316 Clark Drive, Vancouver, B.C. V5N 3H1. [se12 — 10657]

### INCORPORATION

I, M. A. Jorre de St. Jorre, *Registrar of Companies*, hereby give notice of the registration for the following extraprovincial society:

August 26, 1985

S-20524 Youth and Gospel Films of Canada, Inc., Federal jurisdiction. [se12 — 10657]

### RESTORATION APPLICATION

Take notice that a petition will be made to the Supreme Court of British Columbia at the Courthouse, 800 Smithe Street, Vancouver, B.C., on behalf of Harold Sigurdson, a member of The Icelandic Canadian Club of British Columbia on Friday, the 11th day of October 1985 at 9.45 o'clock in the forenoon, or so soon thereafter as counsel can be heard for an order that The Icelandic Canadian Club of British Columbia be restored to the register.

And further take notice that upon the hearing of the said petition will be read the affidavit of Harold Sigurdson, sworn herein the 28th day of August 1985, and filed. Nancy Henderson, *Solicitor*. [se12]

### TRUST COMPANY

I hereby certify that Wellington Trust Company — Société de Fiducie Wellington (T-147), has this day been registered under the *Trust Company Act*.

The head office of the Company in the Province of British Columbia is situate at Box 10021, Pacific Centre South, 2100, 700 West Georgia Street, Vancouver, B.C. V7Y 1A8.

The head office of the Company outside the province is situate at 95 King Street East, Suite 500, Toronto, Ontario M5C 1G4.

The attorney of the company under the *Trust Company Act*, is Paul J. Lowry, Box 10021, Pacific Centre South, 2100, 700 West Georgia Street, Vancouver, B.C. V7Y 1A8.

The Company is authorized to carry on in the Province the business as permitted by the *Trust Company Act*.

Given under my hand and seal of office at Victoria, B.C., this 7th day of August 1985. — Roberta J. Lowdon, *Deputy Registrar of Companies*. [se19 — 10595]

## MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES

### COAL LICENCE APPLICATION

Notice is hereby given that, pursuant to Section 15 of the *Coal Act* (1974), Suncor Inc., 500, Fourth Avenue SW., Calgary, Alta. T2P 2V5, has applied to the Minister of Energy, Mines and Petroleum Resources for coal licences situated in the Babine area. The lands are within the Cassiar Land District and are shown as follows:

Map 93-L-15: Block A, Units 61, 62, 71, 72, (285 hectares); 81, 82, 91, 92 (285 hectares).

Map 93-L-15: Block H, Units 21, 22, 31, 32 (285 Hectares); 23, 24, 33, 34 (285 hectares); 25, 26, 35, 36 (285 hectares); 27, 28, 37, 38 (285 hectares); 45, 46, 55, 56 (285 hectares); 47, 48, 57, 58 (285 hectares); 65, 66, 75, 76 (285 hectares); 67, 68, 77, 78 (285 hectares); 69, 70, 79, 80 (285 hectares); 85, 86, 95, 96 (285 hectares).

Map 93-L-16: Block D, Units 19, 20, 29, 30 (285 hectares); 37, 38, 47, 48 (285 hectares); 39, 40, 49, 50 (285 hectares); 59, 60, 69, 70 (285 hectares). [se12]

### COAL LICENCE APPLICATION

Take notice that, pursuant to the *Coal Act*, Joe A. Hidber, Box 280, Telkwa, B.C. V0J 2X0, holder of a valid Free Miner's Licence HIDBJA 239752, has applied to the Ministry of Energy, Mines and Petroleum Resources for a licence to explore for and develop coal in the following coal land situated in the Omineca Division of the Range 5, Coast District, called the Sun-Rise Property, and more specifically described as Map 93L/15: Block H, Units 23, 24, 33 and 34. — Joe A. Hidber. [se19]

### FILING REPORT

Take notice that, pursuant to section 7 of the *Mines Act*, D. M. Snider of Mons Trucking Ltd., has filed with the Minister of Energy, Mines and Petroleum Resources a program for the protection and reclamation of the land and watercourses affected by the mine location at: All that tract or parcel or land situated within Timber Licence 8091P, except a strip of land 30 metres wide, more or less, running parallel to the high-water mark of the Cheakamus River called Buffer Zone and 30 metres wide, more or less, running parallel to B.C. Hydro Power Line, and containing 10 117 hectares, more or less.

Any person affected by or interested in this program has 30 days to make written representation to the Minister. [se12]

### FILING REPORT

Take notice that, pursuant to section 7 of the *Mines Act*, D. M. Snider, Manager of Mons Trucking Ltd., has filed with the Minister of Energy, Mines and Petroleum

Resources a program for the protection and reclamation of the land and watercourses affected by the mine location at: Block 21 of Timber License TO 830, on the Black Tusk microwave access road.

Any person affected by or interested in this program has 30 days to make written representation to the Minister. [se12]

## MINISTRY OF ENVIRONMENT

### POLLUTION AMENDMENT

This application is to be filed with the Regional Waste Manager, 2569 Kenworth Road, Nanaimo, B.C. V9T 4P7.

Any person who may be adversely affected by the discharge or storage of the waste may, within 30 days from the last date of posting under section 3 (a) or publication, service or display under section 4, write to the Manager stating how he is affected.

*Preamble* — The purpose of this application is to amend the existing Permit PR-2674 issued on January 28, 1974, to reflect a name change of the permittee and change the quantity, characteristics and location of the discharge.

CIP Inc., 1201 West Pender Street, Vancouver, B.C. V6E 2V4, hereby applies for amendment(s), as described below, to Permit PR-2674, granted on January 28, 1974, which authorizes the discharge of refuse from Gold River Pulp Mill, located at Gold River, B.C., to the ground.

### AMENDMENTS REQUESTED

Before: The permit is issued to Tahsis Company Limited.

After: The permit is issued to CIP Inc.

Before: The quantity of refuse which may be discharged is an average 60 cubic yards per day.

After: The quantity of refuse which may be discharged is an average 340 cubic metres per day.

Before: the nature or characteristics of the refuse which may be discharged are bark, wood residual, lime mud, dregs and slaker rejects.

After: The nature or characteristics of the refuse which may be discharged include flyash, contaminated chips and hog fuel, dregs and slaker rejects, tertiary rejects, lime mud and yard wastes.

Before: The discharge of refuse is at Hart Lake — the north corner of Hart Lake is at North Co-ordinate 94,000 — East Co-ordinate 96,000 on Department of Highways Map 1788, Gold River Road to Muchalat Inlet, Nootka Land District.

After: The discharge of refuse is to the west of Lot 637 (Village of Gold River), Nootka Land District.

A copy of this application was posted at the site in accordance with the Waste Management Regulations on August 7, 1985. August 6, 1985. — Paul A. Griffiths, *Agent*. [se12 — 10649]

### POLLUTION AMENDMENT

This application is to be filed with the Regional Waste Manager at 2569 Kenworth Road, Nanaimo, B.C. V9T 4P7.

20-251 <sup>90°</sup> under 50-100  
TELKWA

800 anthracite - 604-846 5463

Joe Hilder  
shall have offered  
3.5% Royalty on gross  
\$10,000 down to cover costs

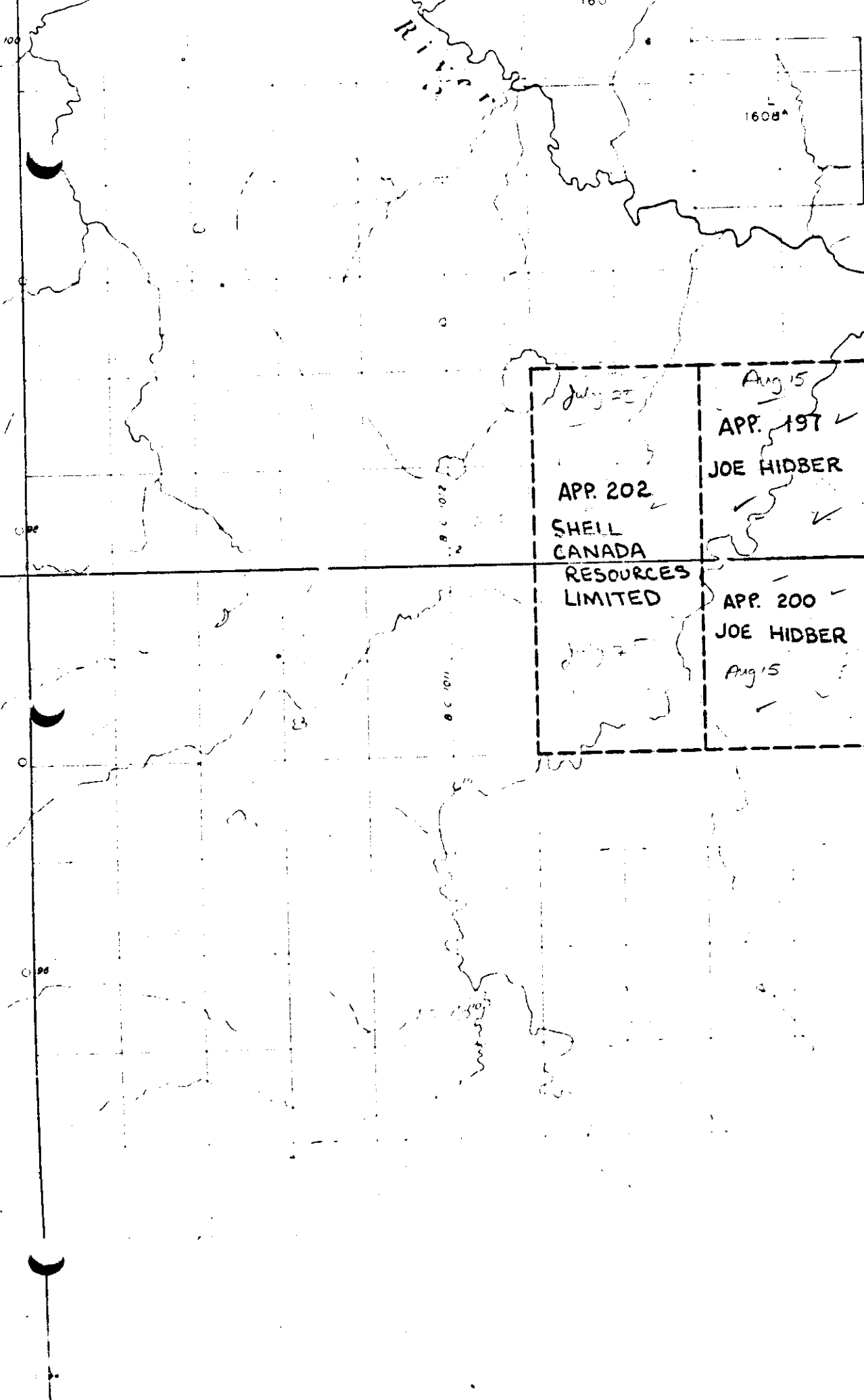
close to Telkwa.  
in in 1/2 hr.

after 10 P.M.

NO WAY  
JOSE!

74.44  
74.45  
74.46  
74.48  
74.50  
74.51  
74.53  
74.55  
74.56  
74.57  
74.59  
74.61  
74.62

Meters 1000 500 0  
Kilometres 1 2 3  
DATE OF MICROFILM: 1 2



# Traverse Summary

Date Sept  
Aug. 6/85

Traverse Name Guess Creek

Traverse Origin

NTS Sheet 934/15

Line # None

Photo #'s None

Scale 1:50,000

Traverse Description walking in a northeasterly direction

## Comments about traverse

Completed by: R. Tamaki & S. Charbonneau  
outcrop #'s: 001-006

We walked down Guess Creek in a northeasterly direction. The main lithologies throughout the traverse consisted mainly of aphanatic greenish or purplish coloured volcanic rocks. The outcrops were generally continuous throughout the day on both sides of the creek. Only two outcrops 004 and 005 could be classified as sedimentary. Both were coarse grain and grit sandstone. They were composed mainly of chert (60%) or volcanic (40%) clasts. They were poorly sorted, subrounded and generally very poorly consolidated. Both were striking in a southeasterly direction at  $\sim 120^\circ$  and dipping southwesterly at  $\sim 20^\circ$ .

Conclusion - The lower part of Guess Creek were composed mainly of volcanic rocks (andesites, breccias) with isolated outcrops of coarse grain and grit sandstones.



- across the creek & above the  
 a conglomerate; clast-supported,  
 pebble-sized chert clasts

Along strike upstream  
 still see same basic units

Conglomerate

Andesite lava?

Sedimentary package v. horizontal  
 much less coal if any

Followed by Volcanic Pyroclastic unit

Way up uncontacted

Beds must be almost vertical.

Seam is present below fault  
 Contact

completely faulted out again at  
 top of slope

Flagging Tape BCDM QVW 001/85

Pyroclastic unit may be a gully  
 grabble, no internal Sed structures  
 no clear contacts?

↓  
TDP

- roof is cut out by  
a fault along  
strike

- up-slope from trench  
is a massive ss? unit.

Gouge - 1.90 m thick

- contorted & squeezed  
- mostly mudst w/ some  
coal material  
- all of it is unaltered

- above & below the immediate coal  
trench area, get acidic  
dikes & sills

below trench, have an orthoclase  
rich aphanitic, lt grey pyroclastic

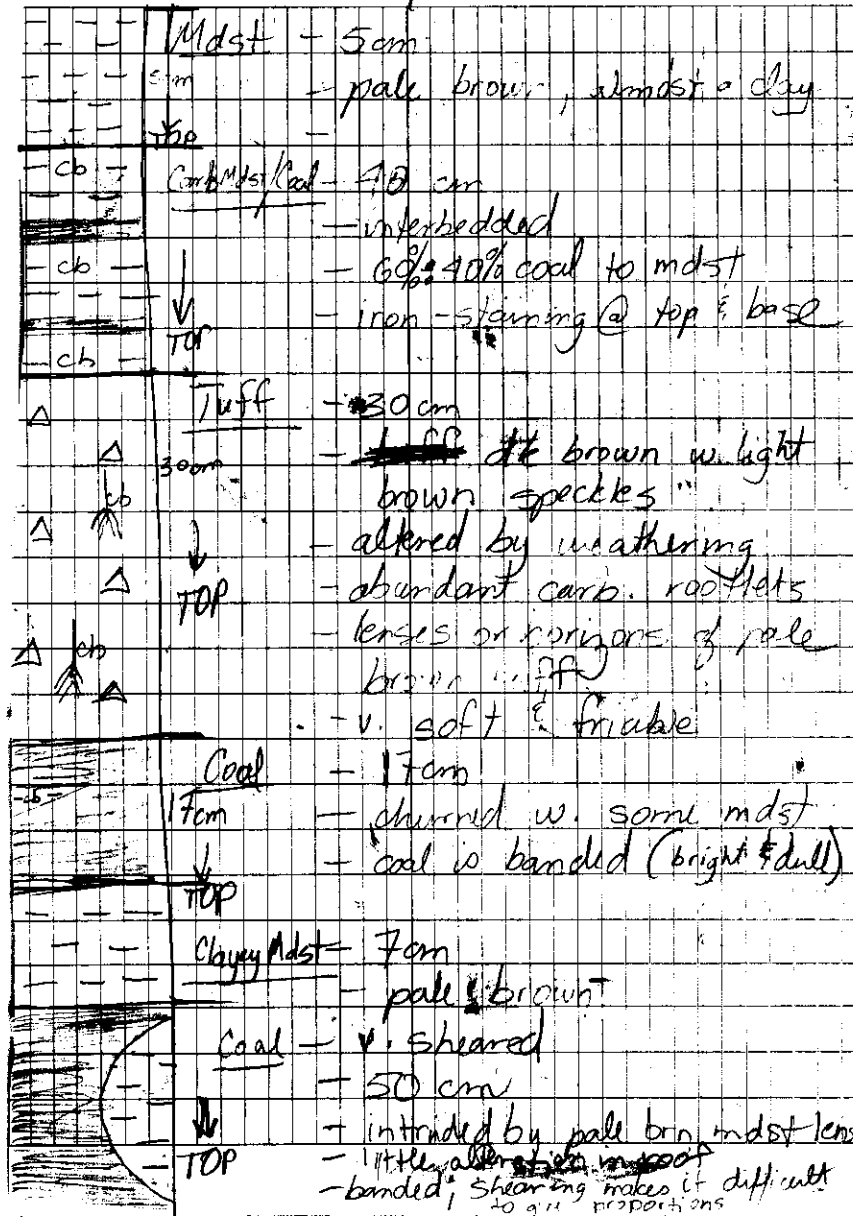
above trench, calc or andesite

w/ hornblende phenocrysts

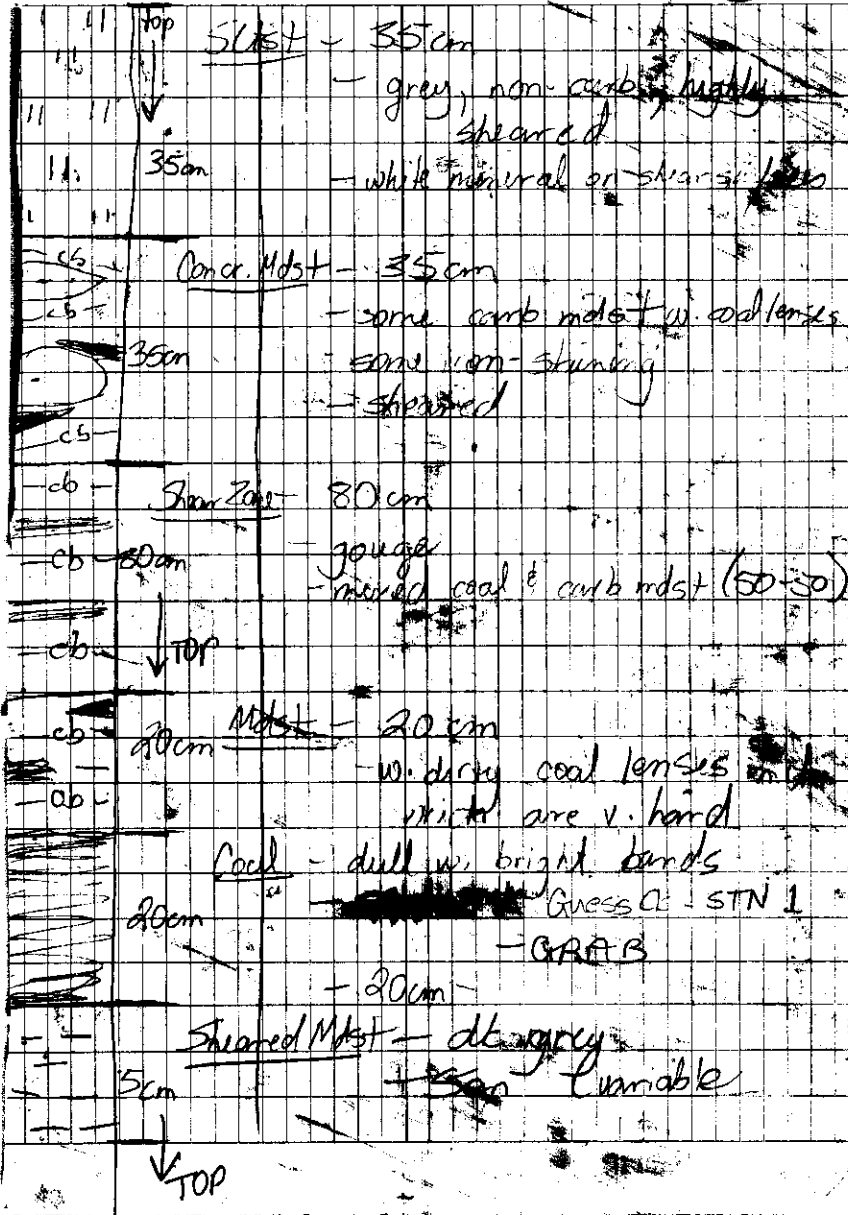
then above that get some dirty  
upland? coal that has

been ~~seen~~ brown & ~~reddish~~  
included with olivine or pyroxene rich  
volcanic





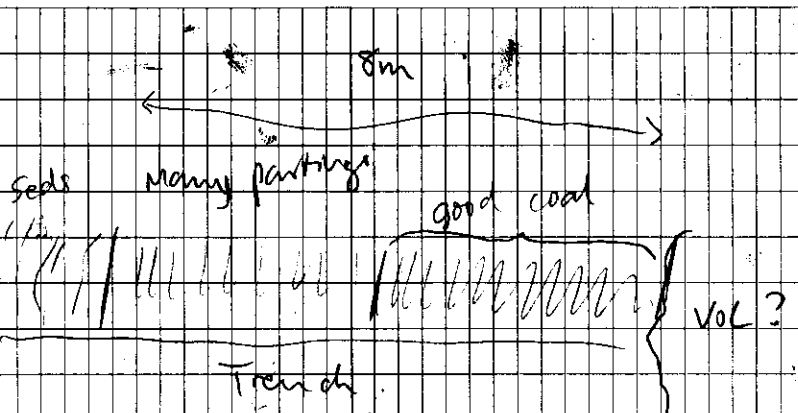
	↓ TOP	Coal - 10 cm	- dull w. bright bands
		Mdst/Coal - 60 cm	- interbedded
		60 cm	- coal is usually dull banded but do get some bright lenses
			- <del>shiny</del> - bright coal
			- grab
	↓ TOP		- mdst looks like a tuff in place
			- Fe stained
			- all churched & sheared
cb - cb		Mdst = 17 cm	- no alteration
- Fe - Fe		17 cm	- basal mdst is pale brn (near top has coal lenses)
- cb -			- upper mdst is rusty brown
- Fe -			
		Coal - 35 cm	- parting in the centre of mdst of variable thickness (10-20 cm)
← SAMPLE #3			
	↓ TOP		- above parting coal gets dirtier
- cb			- dull banded coal @ base
- cb			



No. - all thicknesses given below  
 Date: vary with the contour

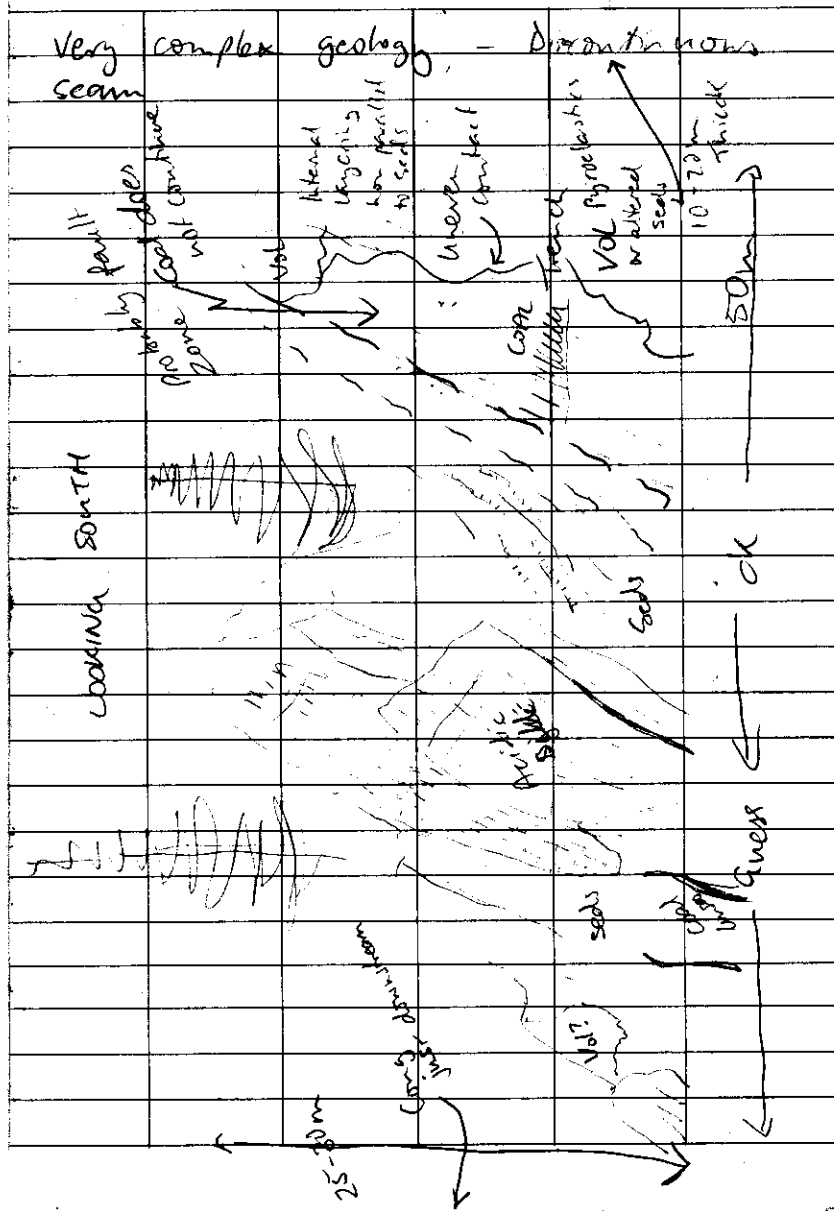
①

Trench Log (south → north)	
* Base to Top *	
X X X	Floor - altered sediment?
X X X	- green color (olive) aphanitic
X	- riddled w. white (calcite?) veining
X X	- multiple shear surfaces
X X	- 1 1/2 m + thick - in contact
X X X	with a slightly more massive
X X	unit above it (altered st?)
X X X	Top - hard to get a fresh
X	surface - still aphanitic
X	the same color
" "	carb. sltst - less altered
cb "	- v. contorted
" cb "	1.0 m - contact w. base of seam
" "	is transitional
" cb "	- v. 1 m thick
- cb -	Cb Mdst / Coal lenses - contorted
- - -	Top - v. 40 cm
- cb -	- coal is dull, dirty
- - -	40 cm greyish charcoal
- - -	color
- cb -	- < 30% coal
- - -	- thickness of unit varies
- cb -	Top



strike  
 ↓  
 353 / Dip Direction ~ 83°  
 - dip in the coal seam is 64°

- coal seam is contorted so that the dip goes both shallower & deeper



Sept 6/84

①

Geologist: S. Charbonneau and  
B. TAMAKI

weather: - partly cloudy & cold  
General Area & Project - Guess  
Creek, Nichako

Map sheet - 934/15

Basic Purpose: - To check licenses  
applied by CN Resources and  
Suncor.

- [BIT 001]

- 2 vol d/c along the  
creek.

- fine grained purple colour  
andesite

[BIT 002]

yellowish brown (w)  
medium gray (f)

791  
LEVEL

24/17/50

(7)

- probably metasediment
- appears to be mostly gtz
- 70-90%
- gtzite.

[B17003]

cont. sandstone (very coarse grained)

chert 60%

vol 40%

- poorly sorted, subrounded
- unconsolidated
- tan colour (w)
- whitish chert pebbles
- (10-20 cm) in size.

- matrix - coarse grain st
- moderate brown (w)
- light grey (f)
- coarse grain
- poorly sorted
- poorly consolidated
- matrix supported pebble conglomerate



[BIT 004]

124 / 17° SW

①

- very thin bands of poorly consolidated sst
- sst
- light brown (f)
- moderate brown (w)
- coarse grain
- poorly sorted
- subrounded
- 60% clast 40% matrix
- clast - mostly chert and volcanics (1.5 - 2mm)
- poorly consolidated

[BIT 005]

116 / 24° SW

- sst
- coarse grain
- poorly sorted
- subrounded

LEVEL

②

- poorly consolidated
- yellowish gray (M)
- very light gray (w)
- 60% RF
- 20% spar
- 20% qtz

B17 006

- meta sediments
- brownish colour (w)
- appears to be quartzite,  
or rock consisting mainly  
of chert

- since last station mostly  
volcanics; one small block  
containing possible bivalve  
fossils

- along the stretch 90°  
- definite imprints of  
shells

Friday, September 6<sup>th</sup>

Bob & Steve, traversing upper part of  
Guess Creek.

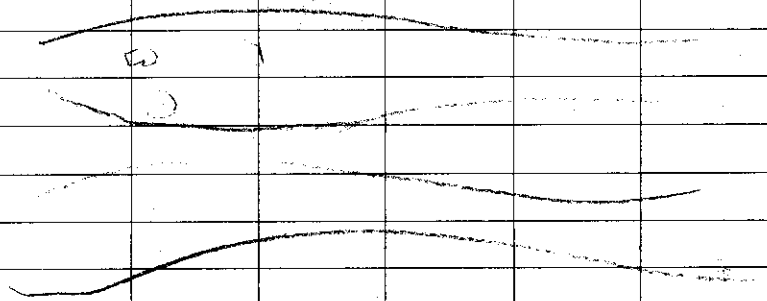
BMW & Susan trying to access lower end.

Walked for 2 hrs in bad luck - no creek.

Decided that the clear-cut we were  
in was ~~farther~~ farther than we thought.

**GC001**

- a quarry of ~~same~~ same rock just east of  
Guess Creek bridge.
- consists of large boulders of volcanic  
breccia with 20 & 30 cm diameter  
vesicular & amygdaloidal basalt.
- appears to be a breccia flow  
i.e. flat-lying but is lenticular
- looks like conig.



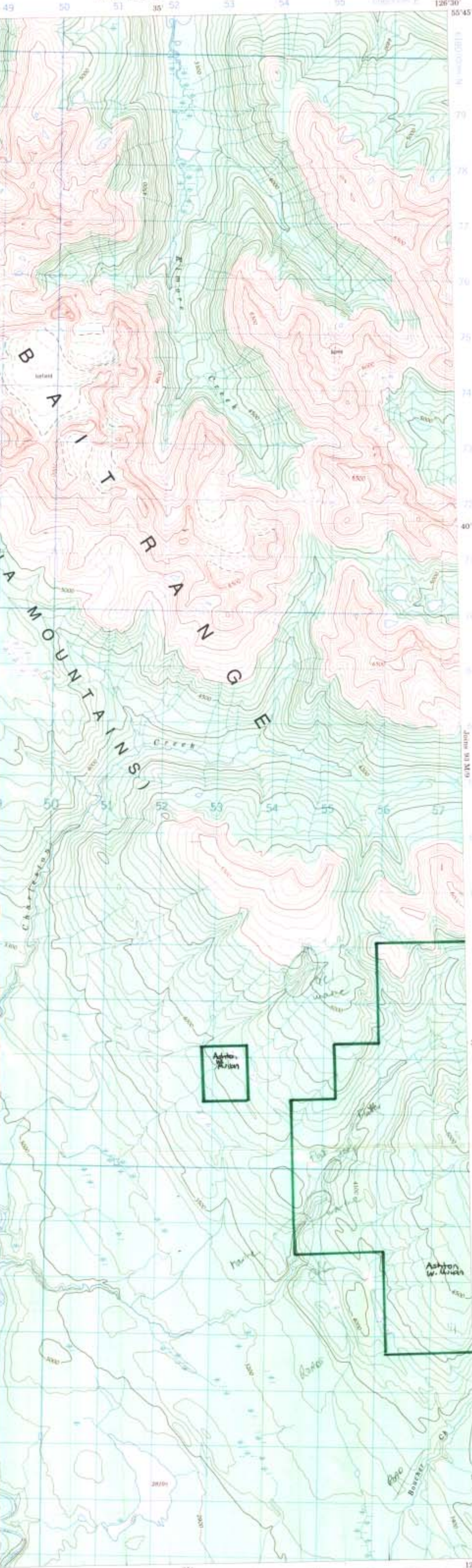
LEVEL



ASHTON MOUNTAIN  
BORDER CR.

CARTE PROVISOIRE  
93 M/10

EDITION 1



Refer to this map as: 93 M/10 EDITION 1 MCE SERIES A 721

791



Use diagram only to obtain numerical values.  
APPROXIMATE MEAN DECLINATION 111°2'  
FOR CENTRE OF MAP  
Annual change decreasing 3.4"

ONE THOUSAND METRE  
UNIVERSAL TRANSVERSE MERCATOR GRID  
ZONE 9



EXAMPLE OF METHOD USED TO GIVE A REFERENCE TO NEAREST 100 METRES (SEE 100,000 M SQUARE IDENTIFICATION IN A GRID ZONE - THIS DOES NOT REFER TO A POINT ON THE MAP)

REFERENCE POINT	CHEUNG	SEE ABOVE
EASTING: Read number on grid line immediately to left of point. Estimate tenths of a square from the line eastward to point.	97	5
NORTHING: Read number on grid line immediately below point. Estimate tenths of a square from the line northward to point.	97	5

EXAMPLE MILITARY GRID REFERENCE: 975984  
Nearest linear grid reference (100,000 metres interval 50 metres)

00791

①

Cette carte provisoire reprend une carte régulière au point de vue technique de l'édition.

Certains renseignements sur cette carte ne sont pas encore officiels. La Direction des levés et de la cartographie s'engage à publier de la version corrigée et actualisée.

EQUIDISTANCE DES COURBES 100 PIEDS

Échelle en pieds au-dessus du niveau moyen de la mer

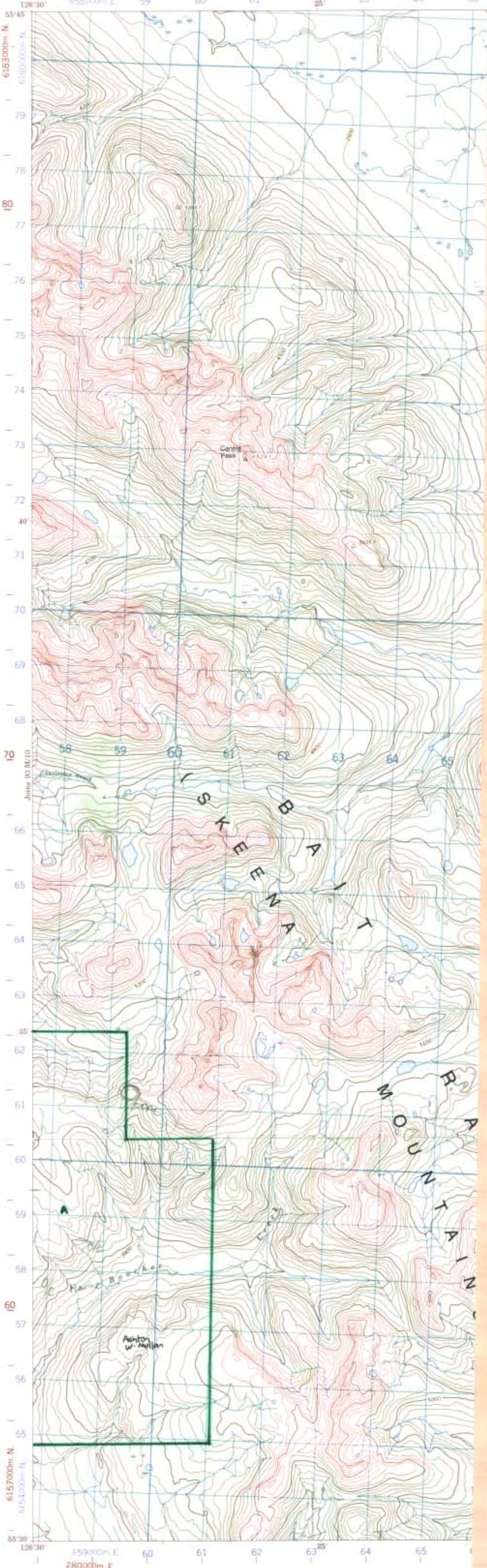
Système de référence géodésique nord-américain 1927

Projections Polyconique

Révisé en 1967 par la DIRECTION DES LEVÉS ET DE LA CARTOGRAPHIE, MINISTÈRE DES TERRES, FORÊTS ET RESSOURCES HYDRAULIQUES DE LA COLombie-BRITANNIQUE. Échelle des photographies aériennes prises en 1964. Échelle par la DIRECTION DES LEVÉS ET DE LA CARTOGRAPHIE, MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES RESSOURCES. Imprimé en 1972.

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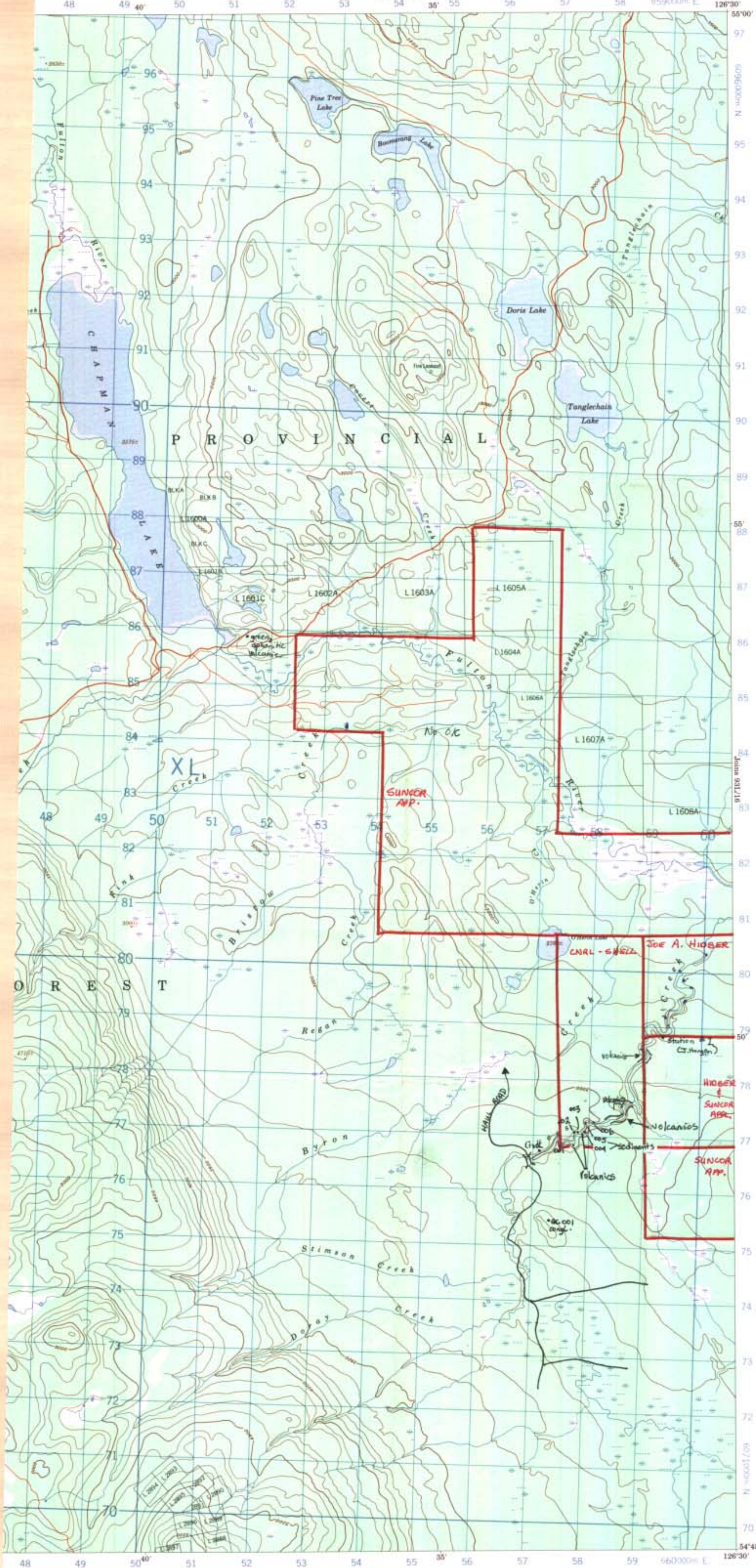
Details may be obtained from the Canada Map Office, Department of Energy, Mines and Resources, Ottawa, or your nearest map dealer.

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Roads  
 cart track  
 trail or portage

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Refer to this map as: 93 L/15, EDITION 1 MCE, SERIES A 721



ONE THOUSAND METRE  
UNIVERSAL TRANSVERSE MERCATOR  
ZONE 9



EXAMPLE OF METHOD USED TO GIVE A REFERENCE TO NEAREST 100 METRES (THE FOLLOWING GRID REFERENCE IS A SIMPLE ONE AND DOES NOT REFER TO A POINT ON THE MAP)

REFERENCE POINT: CHURCH (as above)

EASTING	Read number on grid line immediately to left of point	97
	Estimate tenths of a square from this line eastward to point	97.5
NORTHING	Read number on grid line immediately below point	96
	Estimate tenths of a square from this line northward to point	96.4

EXAMPLE MILITARY GRID REFERENCE: 975044  
Nearest similar grid reference is 100,000 metres (about 60 miles)

This Provisional Map is equivalent to a standard map in accuracy of content

Some names on this map are not yet official. Corrections or additions are invited by the Survey and Mapping Branch.

COURTAIN INTERVAL: 100 FEET  
Elevations in Feet above Mean Sea Level  
North American Datum 1927  
Projection: Polyconic

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ÉPAISSEUR DES COURTES: 100 PIEDS  
Élevations en pieds au-dessus du niveau moyen de la mer  
Système de référence géodésique nord-américain, 1927  
Projection: Polyconique

Rédigée en 1967 par la DIRECTION DES LEVÉS ET DE LA CARTOGRAPHIE, MINISTÈRE DES TERRES, DES FORÊTS ET DES RESSOURCES HYDRAULIQUES DE LA COLONIE BRITANNIQUE, d'après des photographies aériennes prises en 1954-1955. Levés sur le terrain en 1962. Vérification des ouvrages en 1962. Établie par la DIRECTION DES LEVÉS ET DE LA CARTOGRAPHIE, MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES RESSOURCES. C.E.S. Imprimée en 1970.

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