ASSESSMENT REPORT
OF
SOIL GEOCHEMISTRY AND SURVEYING

1/89

BRE CLAIMS

SKEENA MINING DIVISION
NTS 103F/9E

MUTUAL RESOURCES LIMITED

M.HOLTBY FEB.5/88

AN ASSESSMENT REPORT
of
SOIL GEOCHEMICAL SAMPLING
and
SURVEYING
on the

BRE CLAIMS

SKEENA MINING DIVISION, B.C.

N.T.S. 103F/9E
Lat./Long. 53°30' 132°11'

by

MAX H. HOLTBY
MUTUAL RESOURCES LTD.
1100 - 1199 West Hastings Street
Vancouver, B.C.
V6E 3V4

February 5, 1988

ARIS SUMMARY SHEET

District Geologist, Victoria Off Confidential: 89.01.27

ASSESSMENT REPORT 17015 MINING DIVISION: Skeena

PROPERTY: Bre
LOCATION: LAT 53 32 30 LONG 132 13 00
UTM 08 5935916 684429
NTS 103F09E
CLAIM(S): Bre 1-50,Bre 1 Fr.,Woof 1 Fr.
OPERATOR(S): Mutual Res.
AUTHOR(S): Holtby, M.H.
REPORT YEAR: 1988, 69 Pages
COMMODITIES
SEARCHED FOR: Gold
GEOLOGICAL
SUMMARY: The property is underlain by felsic volcanics and sediments including tuff and quartz-eye rhyolite. The volcanics are sheared and kaolinized. Much of the property is overlain by thick fluvial and glacial deposits. Mineralization discovered to date consists of disseminated pyrite.
WORK
DONE: Geochemical,Physical
LSUR 55.3 km
Map(s) - 2; Scale(s) - 1:5000
SOIL 448 sample(s) ;AU,AG,AS,HG
Map(s) - 2; Scale(s) - 1:2500
RELATED
REPORTS: 15647

TABLE OF CONTENTS

APPENDIX

MAPS

1. INTRODUCTION

This assessment report covers a claim location line and post survey of all two-post claims comprising the BRE property and a 448 sample soil geochemical survey on 10.9 line-km of grid on the Bre 42 and 44 to 48 claims. The 1987 field programme was carried out from September 15 to November 23, 1987 with soil sample analysis carried out in December 1987.

1.1 Location and Access

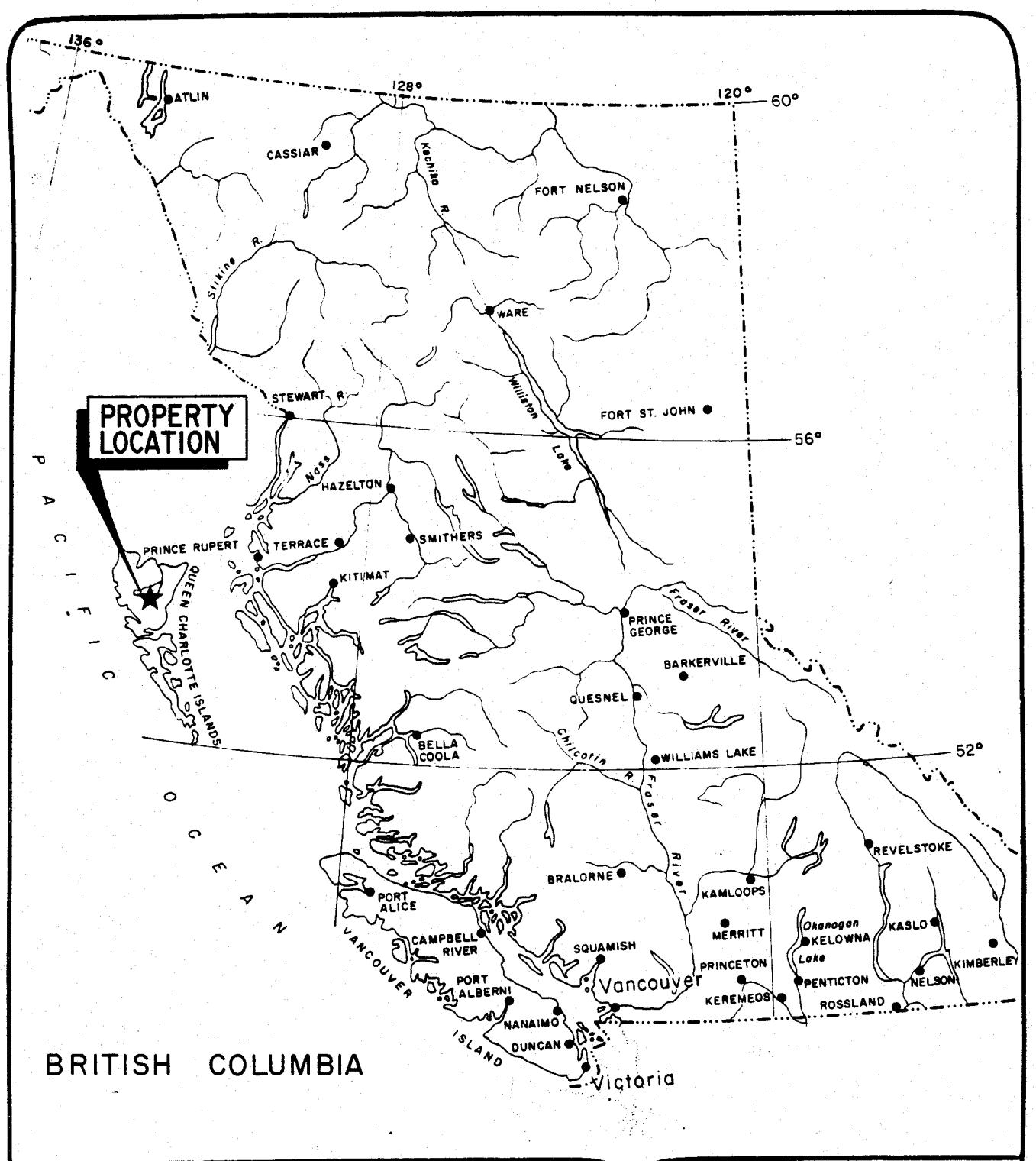
The BRE property comprises two claim blocks on Graham Island of the Queen Charolette Islands. The two claim blocks, adjoining the Cinola gold deposit to the south, north and east, are centered 15 km and 20 km south of Port Clements.

Access is via a well maintained MacMillan Bloedel mainline logging road from Port Clements. The northern claim block is accessable from the mainline road by branch line 42 which is gated and controlled by Consolidated Cinola Gold Mines. Branch 42 cuts across the Bre 46 and 48 claims. The southern claim block is accessable via branch lines 40 and 43 located on either side of the Yakoun River. Total distance by road from Port Clements is 32 km.

1.2 Topography and Vegetation

Topographic relief on the property is moderate with elevations ranging from less than 30 m along the Yakoun River to a high of about 200 m on the northern claim block. The only steep relief is along the banks of the incised Canoe Creek on the northern claim block.

Vegetation on most of the northern claim block is a mature cedar forest with little undergrowth. Portions of the BRE 48 and 49 claims in the southeast corner of the northern claim block have been clear-cut logged recently. The southern claim block is covered by a dense secondary forest with logging debris hampering travel.



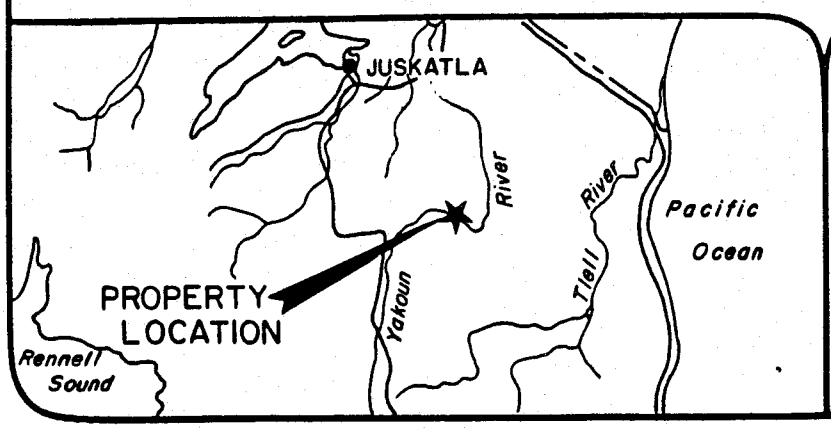


FIGURE 1

MUTUAL RESOURCES LTD.

LOCATION MAP

BRE CLAIMS

FEB. 1987

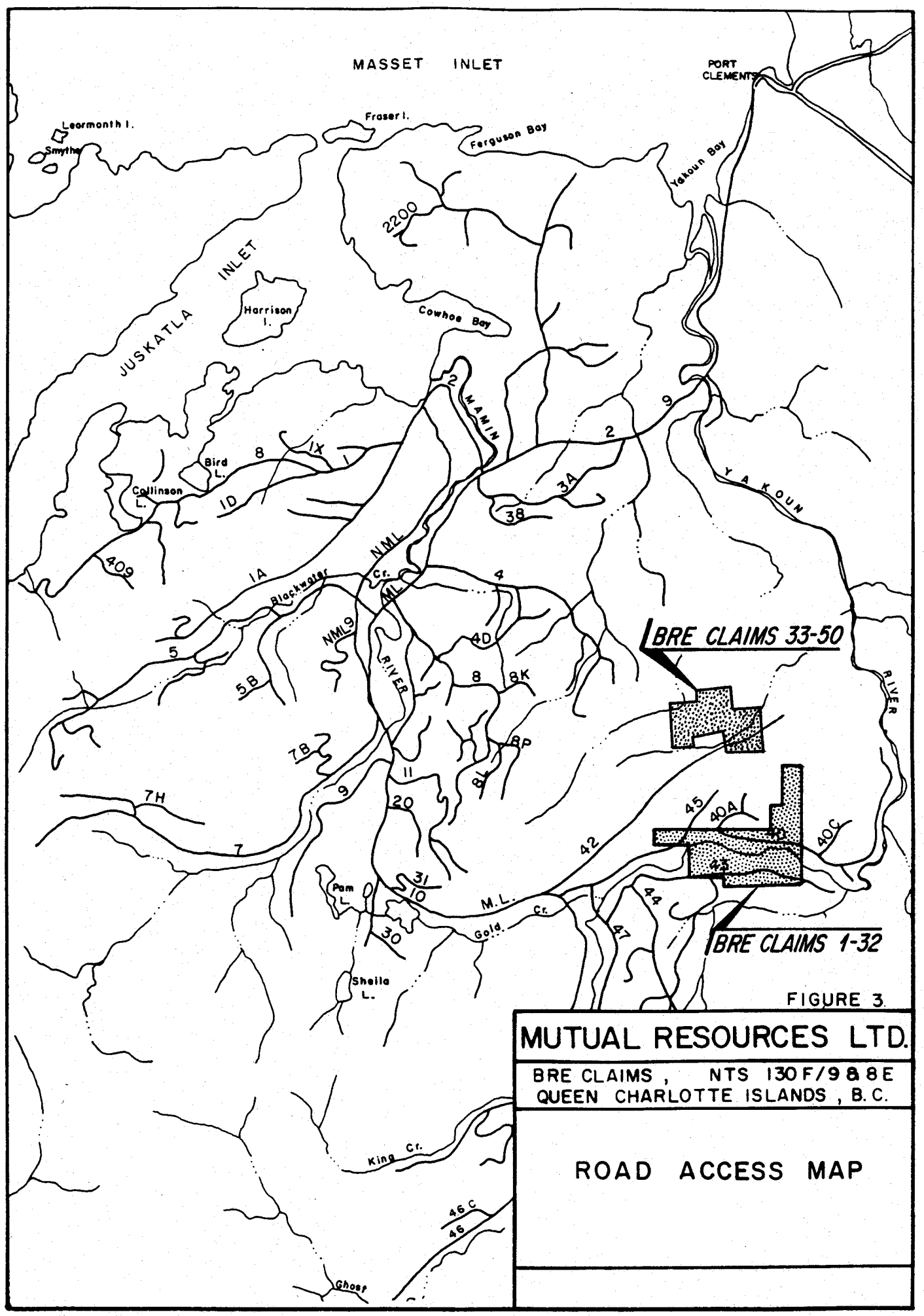


FIGURE 3.

MUTUAL RESOURCES LTD.

BRE CLAIMS, NTS 130F/9 & 8E
QUEEN CHARLOTTE ISLANDS, B.C.

ROAD ACCESS MAP

1.3 History

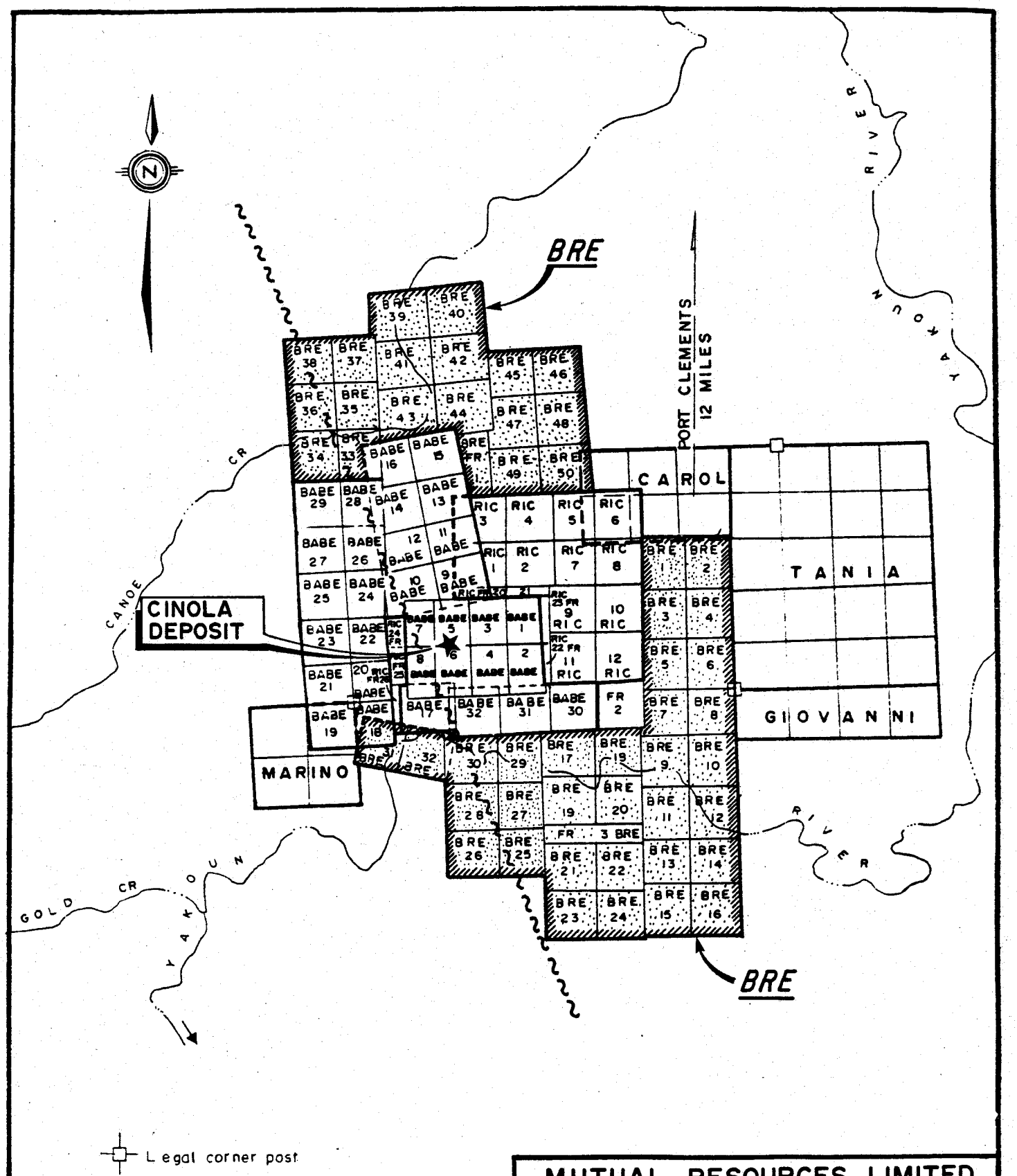
The BRE claims were staked along with Efrem Specogna's RIC and BABE claims which cover the Cinola gold deposit of City Resources (Canada) Ltd. In the past, these claims have been optioned to Kennco (1971), Cominco (1972), Silver Standard (1973) and Quintana (1974-76). The BRE claims were retained by Silver Standard Mines in 1973 and optioned to Mutual Resources in 1979. A soil geochemical survey was carried out over the property in 1980 and an I.P. geophysical survey conducted over the BRE 1-32 claims (southern claim block) in 1985. In 1986 a reconnaissance geological mapping and rock sampling programme was carried out on portions of the northern claim block.

1.4 Claims

The property includes 50 full-size two-post claims and 8 fractional claims in two groups. They are located in the Skeena Mining Division.

Claim Name	Record No.	Record Date	Expiry*
**(Group BRE A)			
BRE 1 to 32	38093-38124	November 23	1993
Woof Fr.	1261	April 1	1994
MRS #3 Fr.	6511	November 2	1988
MRS #4 Fr.	6512	November 2	1988
DOUG Fr.	6513	November 2	1988
PAT Fr.	6514	November 2	1988
PAUL Fr.	6515	November 2	1988
**(Group BRE B)			
BRE 33 to 50	38125-38142	November 23	1998
MRS #1 Fr.	6510	November 2	1998
**(Not Grouped)			
BRE #1 Fr.	38090	November 23	1988

*Expiry date - includes assessment credits for 1987 work.



Legal corner post

MUTUAL RESOURCES LIMITED

BRE CLAIMS

Scale = 1.25 inches to 1 mile approx

SCALE

Mile 1 0 1 Mile

Prepared by: J.S.C. Drawn by: A.T.K.	Date: Dec 6/73 Revised: July 8/75	NTS MAP AREA 103-F	DRAWING No.

** Grouping is as of January 27, 1988.
Previous to January 27,1988 Group BRE A consisted of BRE 1-32 and Woof Fr. and Group BRE B consisted of BRE 33-50 and BRE 1 Fr.

During surveying several open fractions were discovered and subsequently the MRS #3, MRS #4, Doug, Pat and Paul Fractional claims were staked to cover these open areas. The MRS #1 Fractional claim was staked to cover the same ground held as the BRE #1 Fractional claim.

1.5 1987 Work Programme

The 1987 programme consisted of a location line and post survey of all claims by McElhanney Associates and the collection of 448 soil samples on 10.9 line-km of grid on the BRE 42 and 44 to 48 claims by Fairbank Engineering Ltd. McElhanney Associates surveyed the claims between September 15 and October 18, 1987. Fairbank Engineering soil sampled from November 10 to November 23, 1987. Sample analysis were carried out in December 1987.

2. GEOLOGY

2.1 Regional Geology

The BRE claims lie on the Skidegate Plateau, to the west of the Sandspit fault. On the west the area is underlain by west-dipping rhyolite ash flows of the Early Tertiary Masset Formation, which unconformably overlie folded argillites of the Cretaceous Queen Charlotte Group. Between the Masset Formation rhyolites and the Sandspit fault, to the east, lie Mio-Pliocene silicified conglomerates and sandstones of the Skonun Formation and quartz-feldspar porphyry of uncertain affinity.

Between and adjoining the two BRE claim groups lies the Cinola gold deposit (27.3 million tons grading 0.062 ounces of gold per ton) of City Resources (Canada) Ltd. The Cinola deposit is an epithermal gold deposit marked by a large zone of silicification adjacent to the

Specogna fault. The Specogna fault strikes parallel and dips eastward towards the Sandspit fault and forms the footwall to the gold deposit. Geochemical surveys have shown that the gold mineralization is accompanied by mercury and to a lesser extent arsenic.

2.2 Property Geology

For the most part, the property is covered by thick overburden which may be in excess of 30m in thickness. The overburden consists of seven well-developed distinct horizons: a surface organic layer, a black organic layer, a red-brown course till, a bright orange loamy horizon, a thin white bleached horizon, a grey clay horizon, and a thick lower till horizon of poorly-sorted conglomerate with 5% wood bark (Quartermain 1986). No outcrop was found on the grid soil-sampled during this programme.

Outcrops are found along Canoe Creek in the northern BRE claim block. These outcrops are dominantly a homogeneous fine-grained felsic tuff with lesser amounts (10%) of quartz-eye rhyolite. The felsic volcanics have been argillic altered throughout. Both rock types are probably members of the Early Tertiary Masset Formation. North trending faults of 0.1 to 1.5m width have been found in outcrops along Canoe Creek.

The strike of the Specogna fault indicates that, while not observed in outcrop, it would strike through the BRE claim groups.

3. SURVEYING

McElhanney Associates was contracted to carry out a claim location line and post survey of all claims forming the BRE property. A surveyor and 2 assistants performed this survey in 34 days from September 15 to October 18, 1987.

Maps 87-1 and 87-2, included in this report, show the surveyed claims.

4. SOIL GEOCHEMICAL SURVEY

Fairbank Engineering Ltd. was contracted to measure and flag a 10.9 km grid on the BRE 42 and 44-48 claims and collect soil samples on that grid. A 2-man crew collected 448 samples between November 10 and November 23, 1987.

Grid lines were established with the use of a compass and hip chain. Tie lines at the ends of the grid lines were run to check the accuracy of the grid lines. Ten grid-lines with 100m spacing were turned-off a north-south baseline. Samples were collected at 25m intervals on all lines with ten duplicate check samples.

The organic A horizon varied from 20cm to more than 100cm. One metre soil-sample augers and grub-hoes were used to access the B horizon. B horizon samples were collected except at a few locations where, due to unpenetrable tree roots or an extra thick organic horizon, the A horizon was sampled. A record was kept of each sample stating whether the sample was organic or not, the colour of the sample and its depth. The average depth of sampling was approximately 50 cm. Each sample was placed in Kraft paper envelopes, marked with the grid location and sent to Chemex Labs Ltd. in North Vancouver for analysis. Samples were analysed for gold, silver, arsenic and mercury.

Results are plotted on figures 87-3 and 87-4, in pocket. Duplicate samples were found to correlate well within variations expected in trace element analysis.

In a 1980 soil sampling programme on the eastern half of the BRE group A 458 soil samples were collected and analysed for gold, silver, arsenic and mercury by Chemex Labs. Gold and silver values from both surveys are similar although improvements in analytical techniques have lowered the detection limit for gold. On average arsenic values from the 1980 survey are a little higher than values for the 1987 survey and mercury values are a little lower for the 1980 survey compared to the 1987 survey.

Beaton in his report on the 1980 soil sampling programme calculated background, threshold and anomalous levels for gold, arsenic and mercury based upon data from that survey and data from the adjoining claims covering the Cinola gold deposit. Statistical determinations by the author on the 1987 analysis result in threshold and anomalous levels lower for gold and arsenic and higher for mercury when compared to the values determined by Beaton. As Beaton used a larger population that included results over the Cinola gold deposit his statistical levels have been used herein.

	Au ppb	AS ppm	Hg ppb
Background	<30	<30	<200
Threshold	30-60	30-60	200-500
Anomalous	>60	>60	>500
Strongly Anomalous	100-300		1000-8500

Silver values in this programmes samples are uniformly low and silver was only detected in 54 samples. Values range from 0.1 to 1.2 ppm.

Gold values are all less than anomalous and gold was only detected in 19 samples. Two samples of 50 ppb each are within the threshold limits but are not considered significant.

Arsenic values are also low with only 1 sample anomalous at 63 ppm.

Anomalous mercury values occur as twenty separate anomalies with values up to 1900 ppb. Most of these are only one or two-sample weak anomalies with no pattern other than that they are clustered in the southern half of the grid area. The most prominent mercury anomalies form four north-south trending zones of 25 m to 75 m in width and 150 m to 350 m in length that extend from line 0+00 N north past line 3+00 N. These four zones are open to the south and contain values ranging from 520 ppb to 900 ppb.

A small two-sample mercury anomaly at the west end of lines 4+00 N and 5+00 N contains values of 520 ppb and 1300 ppb and is open to the west. Conglomerate float collected in 1986 downslope of this anomaly contained 200 to 420 ppb gold.

Given that till cover on the Bre claims may be in excess of 30 m, the soil geochemical results other than mercury could be considered to have little relationship to bedrock mineralogy. Mercury has unique properties that allow its migration through what would be barriers to migration of other elements. Movement of mercury into soils from considerable depths as mercury vapour has been documented. As mercury is continuously lost from the soil to the atmosphere the total mercury content depends upon renewal from below, suggesting that anomalous mercury values in soils should reflect bedrock mineralization more accurately than other elements could.

5. CONCLUSIONS AND RECOMMENDATIONS

It is concluded that in the search for epithermal gold deposits, in thick overburden covered area, the best pathfinder element is mercury.

Anomalous mercury values are associated with the adjacent Cinola gold deposit and zones of anomalous mercury values have been found in soil sampled on BRE 47 and 48 claims and at the junction of BRE 45 to 48 claims.

It is recommended that two additional lines be soil sampled to the south of the present grid on BRE 49, BRE 50 and MRS #1 Fr. (BRE #1 Fr.). The present grid should also be extended westward to cover BRE 42 and BRE 44 claims as they have not been soil sampled. Soil sampling in these two areas would define the extent of the open mercury anomalies on the current grid. Samples should be analysed for mercury and if during the survey the overburden in the Canoe Creek area is found to be thin then samples in that area could be analysed for gold.

6. COST STATEMENT

Total Expenditures

Surveying: McElhanney invoice		$ 32,000.00
Soil Sampling:		
Fairbank Invoices:		9,668.38
A. Pratt 14 days, Nov. 10-23, @ $207	$2898.00	
T. Holgate 14 days, Nov. 10-23, @ $180	2520.00	
Food & Accommodation; 2 men for 14 days @ $50/man-day	1400.00	
Meals	60.49	
Transport - Airfares Vancouver-Sandspit return - 2 men	791.20	
- Truck rental	1052.38	
- Fuel	72.44	
Communication/Freight	266.31	
Supplies	214.91	
Printing	6.25	
10% on disbursements	386.40	
Chemex Invoices:		8,037.50
Analysis of 448 soil samples for Ag, Au, As, Hg @ $17.94		
Report Preparation:		1,147.00
M. Holtby, Geologist - 3 days @ $250	750.00	
Drafting - 14 hrs. @ $23	322.00	
Supplies	75.00	
	TOTAL	**$ 50,852.88**

Apportioned Costs:

Costs have been divided between BRE Groups A and B and by work performed before and after the November 23 anniversay date.

A. Pre-November 24, 1987 Costs (Statement of Exploration and Development filed November 20, 1987).

i. Group BRE A. (grouping as of November 23, 1987).

Surveying (35% of invoiced costs)	$ 11,200.00
Soil Sampling (100% of Fairbank invoices)	9,668.38
	$ 20,868.38

ii. Group BRE B.

Surveying (65% of invoiced costs)	$ 20,800.00

B. Post-November 23, 1987 Costs (Statement of Exploration and Development filed January 27, 1988).

i. Group Bre A. (grouping as of January 27, 1988).

Analysis costs	$ 8,037.50
Report Preparation	1,147.00
	$ 9,184.50

ii. Group BRE B. Nil

TOTAL $ 50,852.88

7. REFERENCES

Beaton, R.H.
1980: Soil Geochemistry Survey, BRE project, Queen Charlotte Islands, unpub. report for Mutural Resources Ltd.

Jonasson, I.R.
1970: Mercury in the Natural Environment: A Review of Recent Work, Geol. Surv. Canada, Paper No. 70-57, 39 pp.

Jonasson, I.R. and Boyle, R.W.
1972: Geochemistry of Mercury and Origins of Natural Contamination of the Environment, CIMM Bull. 65, No. 717, p. 32-36.

Quartermain, R.A.
1987: Reconnaissance Geological and Geochemical Survey on the BRE Property, Skeena Mining Division, unpub. report for Mutual Resources Ltd.

Richards, G.G.
1974: Specogna Gold Property, Graham Island, Queen Charlotte Islands, B.C., unpub. report for Quintana Minerals Corp.

8. STATEMENT OF QUALIFICATIONS

I, Max H. Holtby, residing at 103 - 1026 Queens Avenue, New Westminster, B.C., hereby certify that:

1. I graduated from the University of British Columbia in 1972 with a B.Sc. in Honours Geology.

2. I am a Geological Association of Canada Fellow and Geological Society of Malaysia Member in good standing.

3. I have a personal knowledge of the facts in this report, having worked in the area and having witnessed the work after its completion.

4. I have worked since graduation as an exploration geologist and in mine management in Canada, Malaysia and Liberia, West Africa.

Max. H. Holtby, F.G.A.C.

GEOLOGICAL ASSOCIATION OF CANADA
M. H. HOLTBY
FELLOW

APPENDIX 1

Cost Statement - Invoices

INVOICE

McElhanney Associates
Professional Land Surveyors
13160 - 88th Ave.,
Surrey, B.C. V3W 3K3

McElhanney

Please remit to:
13160 - 88th Ave.,
Surrey, B.C. V3W 3K3

Invoice No. 5021958

In Account with : Mutual Resources Ltd.
11th Floor, 1199 West Hastings Street
Vancouver, B.C.
V6E 3V4

Client No.

Date. November 18, 1987

Your Order No.

Attention : Mr. Robert Quartermain

Our Work Order No. 502-00656

FOR PROFESSIONAL SERVICES IN RESPECT TO:

LOCATION LINE SURVEY AND REFERENCING OF BRE CLAIMS,
SKEENA MINING DISTRICT

Surveyor and 2 man crew, 34 days	$ 29,512.00
Electronic Distance Meter, 32 days	1,280.00
4 W.D. Vehicle, 34 days, including gas, oil, etc.	2,040.00
Materials	421.92
Government fees, plans, etc.	162.73
Freight	211.75
Board and Lodging	3,366.00
Transportation to and from Vancouver	1,065.00
TOTAL	$ 38,059.40

Agreed upon deduction — 6,059.40

$ 32 000.00

RGRobertson
Nov. 19/87

Extensions okay:
Credit to come?
Charge C8003 - 70
OKAY TO PAY:

PAID DEC 31 1987

Terms: Net 30 days. Interest at 1 1/2% per month will be charged on overdue accounts

CLIENT'S COPY

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

MUTUAL RESOURCES LIMITED

11TH FLOOR 1199 W. HASTINGS ST.
VANCOUVER, B.C.
V6E 3V4

* INVOICE NUMBER I8781916 *

BILLING INFORMATION

Date : 17-DEC-87
Project :
P.O. # :
Account : EB

Billing : For services regarding
Re: A8727060

Terms : Net payment in 30 Days
1.5% per month (18% per annum)
charged on overdue accounts.

Please remit payments to:

CHEMEX LABS LTD.
212 Brooksbank Ave.,
North Vancouver, B.C.
Canada V7J-2C1

DESCRIPTION OF SERVICES

			AMOUNT
Re: Certificate A8727060			
6 - Ag ppm Aqua R			
13 - As ppm			
20 - Hg ppb			
100 - Au ppb FA+AA	208 samples @ $16.75		3484.00
Sample preparation and other charges:			
201 - Soil + sediment -80 mesh	196 samples @ $ 1.00		196.00
217 - Ring Only - no crushing	12 samples @ $ 2.50		30.00
		Total Cost $	3710.00
		AMOUNT PAYABLE $	3710.00

Extensions okay:
Credit to come?
Charge: C8003 (BRE) - 76
OKAY TO PAY:

DEC 21 1987

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

T. MUTUAL RESOURCES LIMITED

11TH FLOOR 1199 W. HASTINGS ST.
VANCOUVER, B.C.
V6E 3V4

* INVOICE NUMBER I8781914 *

BILLING INFORMATION

Date : 17-DEC-87
Project :
P.O. # : M 2001-65
Account : EB

Billing : For services regarding
Re: A8727059

Terms : Net payment in 30 Days
1.5% per month (18% per annum)
charged on overdue accounts.

Please remit payments to:

CHEMEX LABS LTD.
212 Brooksbank Ave.,
North Vancouver, B.C.
Canada V7J-2C1

DESCRIPTION OF SERVICES

			AMOUNT
Re: Certificate A8727059			
6 - Ag ppm Aqua R			
13 - As ppm			
20 - Hg ppb			
100 - Au ppb FA+AA	240 samples @ $16.75		4020.00
Sample preparation and other charges:			
201 - Soil + sediment -80 mesh	195 samples @ $ 1.00		195.00
203 - -35 mesh sieve + ring	4 samples @ $ 2.50		10.00
217 - Ring Only - no crushing	41 samples @ $ 2.50		102.50
		Total Cost $	4327.50
		AMOUNT PAYABLE $	4327.50

Extensions okay:
Credit to some?
Charge: C8003-76
OKAY TO PAY:

FAIRBANK ENGINEERING LTD

Invoice

Ste 1201-675 W. Hastings St.
Vancouver, B.C.
Canada V6B 1N2
(604) 688-1553

Consulting Geologists and Engineers

To

Mutual Resources Ltd.
#1100 - 1199 W. Hastings St.
Vancouver, B.C. V6E 3V4

Attn: Mr. B. Quartermain

Date: Nov.30/87

Number: 1636

Professional Services

Re: Project #145-87, BRE CLAIMS, Q.C.I.

FEES

A. Pratt, November 10-23	$ 2,898.00	
T. Holgate, November 10-23	2,520.00	$ 5,418.00

DISBURSEMENTS

Meals	$ 60.49	No receipts
X Airfares - 2 return*	791.20	to follow
Consumable Field Supplies	214.91	$152.91 only att
Communications/Freight	235.06	$187.30 ✓ ✓
Fuel	72.44	No receipts
Room & Board, $50/m/d x 14 days* (Attached) (City Resources' camp)	1,400.00	2,774.10
10% on disbursements		277.41

Extensions okay:

Credit to same?

Charge: ~~[illegible] 65~~ C8003-65

OKAY TO PAY:

X * receipts to follow

PAID DEC 31 1987 #1397

NOTE: truck rental charges to follow.

Total Amount ▶ $ 8,469.51

Terms: Due 15 days following invoice date

Interest at the rate of 1½% per month (18% per annum charged on overdue portions).

DEC 24 1987

FAIRBANK

Rental Report

Ste 1201-675 W Hastings St
Vancouver, B.C.
Canada V6B 1N2
(604) 688-1551

Name: Alan Pratt
Client: Mutual Resources Ltd
Period: Nov. 1987

BRE soil samplings.
Cinola

DATE	DAYS HRS.	WORK
Nov. 10	1 day	E
11	"	E
12	"	E
13	"	E
14	"	E
15	"	E
16	"	E
17	"	E
18	"	E
19	"	E
20	"	E
21	"	E
22	"	E
23	"	

Travel to Q.C.I.

~~Shippin~~ Packaging & shipping samples

TOTALS: 14 days

RENTAL REPORT

Item	Rate				

Signature: A. Pratt
Date: Dec-1/87

Approved: [illegible]
POSTED: INV# 1636

FAIRBANK ENGINEERING

Time and Rental Report

Ste 1201-675 W Hastings St
Vancouver, B.C
Canada V6B 1N2
(604) 688-1553

Consulting Geologists and Engineers

Name: TERRY Holgate
Client: Mutual Resources LTD.
Period: NOV 10-23

Project No.: 145-87
Project Name: BRE CLAIMS.
Location: Queen ~~Charlotte Is~~ Charlotte

DATE	DAYS/HRS.	WORK CODE	DESCRIPTION
Tues 10/87	1		TRAVEL
NOV 11/87	1	I	Line 0+00N, 5+00E, 3+00W
12/87	1	I	Line 0+00N, 500E, 500W
13/87	1	E	L 1+00E
14/87	1	E, I	Sample L 1+00W, L2+00N 5+00E
15/87	1	E, I	L2+00N, / L3+00N EAST SIDE
16/87	1	E/I	L3+00N 500E / L 4+00N 000-500E
17/87	1	E/I	L4+00 500E / L 5+00N 000-500E
18/87	1	E/I	L 5+00, 5+00E 0+00 / 6+00N 0+00-5+00E
19/87	1	E/I	L6+00 0+00-5+00E / 7+00N 000-5+00E
20/87	1	I	L9+00 000-500E / L 8+00E 000-500 / L 7+00 000-5+00
21/87	1	E	L 7+00 000-500E 500-400E
22/87	1	E	L 8+00 +00-0+25E, L 9+00 000 2+75E Finished
23/87	1		Ship samples
~~24/87~~	~~1~~		

TOTALS 14

RENTAL REPORT

Item	From		Days Hrs.		Rate	Amount

Signature

Approved

POSTED

Inv# 1636

WORK CODE:
A - Examination
B - Acquisition
C - Geology
D - Geophysics
E - Geochem
F - Hydrology
G - Drilling/Testing
H - Roads/Trenches
I - Line Cutting/Surveying
J - Consultation
K - Report
L - Admin

NEVILLE CROSBY INC.
325 W. 6th AVENUE, VANCOUVER, B.C. V5Y 1L1
TELEPHONE USE-4343 TELEX 04-507762
MINING & FORESTRY SUPPLIES

SOLD TO
FAIRBANK ENGINEERING LTD.
1201-675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

SHIP TO

RECEIVED NOV 1 6 1987

DATE: NOV. 9/87

REG. NO. H 1238

CUSTOMER P.O. NUMBER: MUTUAL Inv# 1636

INVOICE: 56918

SHIPPED VIA	NO. OF PARCELS	SHIPPER	CLERK	CASH	CHARGE	C.O.D.
TAKEN			LV		X	

QUANTITY ORDERED	UNIT	CAT. No.	DESCRIPTION	B/O	SHIPPED	PRICE PER UNIT	AMOUNT
500	ONLY		KRAFT BAG C/W GUSSET		500	17 5/c	88 75
2	DOZ	-40	ORANGE GLO FLAGGING TAPE		2	18.50	37 00
1	"	-40	STANDARD BLUE " "		1		18 50
1	BOX	(10)	FELT MARKERS		1		14 50
1	ONLY		FLARE PROJECTOR		1		22 50
1	PKG		CRACK FLARE REFILLS		1		13 45
1	"		ORANGE SMOKE FLARE REFILLS		1		13 45
							208 15
						S.S. TAX	12 49
						DELIVERY	
						TOTAL	220 64

8/52 91

Overdue Accounts subject to interest.
Merchandise returned for Credit will not be accepted unless previous arrangements have been made.
TERMS: Sales Net 30 Days / Rentals in Advance.

PLEASE PAY THIS AMOUNT

Thank You

INVOICE

Name and Address / Nom et adresse de l'expéditeur

FAIRBANK ENG
SANDSPIT B.C.

Numéro de compte de l'expéditeur: 1013140729

Air Waybill Lettre de transport aérien

Issued by / Émise par

Canadian Airlines International Ltd.
700 - 2nd Street, S.W.
Calgary, Alberta, Canada
T2P 2W2

Canadian

MEMBER OF IATA — MEMBRE DE L'IATA

Copies 1, 2, and 3 of this Air Waybill are originals and have the same validity
Les exemplaires 1, 2, et 3 de cette lettre de transport aérien sont originaux et ont la même validité

Consignee's Name and Address / Nom et adresse du destinataire

CHEMEX LABS
212 BROOKSBANK AVE
NORTH VANCOUVER

Consignee's Account Number / Numéro de compte du destinataire

It is agreed that the goods described herein are accepted in apparent good order and condition (except as noted) for carriage SUBJECT TO THE CONDITIONS OF CONTRACT ON THE REVERSE HEREOF. THE SHIPPER'S ATTENTION IS DRAWN TO THE NOTICE CONCERNING CARRIER'S LIMITATION OF LIABILITY. Shipper may increase such limitation of liability by declaring a higher value for carriage and paying a supplemental charge if required.
Il est convenue que les marchandises décrites dans le présent document sont acceptées pour le transport en bon état apparent (sauf annotation contraire) et que le transport est SOUMIS AUX CONDITIONS DU CONTRAT QUI FIGURENT AU VERSO. L'ATTENTION DE L'EXPÉDITEUR EST ATTIRÉE SUR L'AVIS CONCERNANT LA LIMITATION DE RESPONSABILITÉ DU TRANSPORTEUR. L'expéditeur peut augmenter cette limitation de responsabilité en déclarant une valeur pour le transport plus élevée et en payant des frais supplémentaires s'il y a lieu.

Issuing Carrier's Agent Name and City / Nom et ville de l'agent du transporteur émetteur

Accounting Information / Renseignements comptables

Shipping BRE samples.
MUTUAL RESOURCES.

Agent's IATA Code / Code IATA de l'agent

Account No. / Numéro de compte

Airport of Departure (Addr. of first Carrier) and Requested Routing
Aéroport de départ (Adresse du premier transporteur) et itinéraire demandé

SANDSPIT B..C

to / à	By first Carrier / Par premier transport	Routing and Destination / Routage et dest.	to / à	by / par	to / à	by / par
YVR	CP					

Currency / Monnaie	CHGS Code / Code Poids	WT/Poids-Val PPD / Port payé	WT/Poids-Val COLL / Port dû	Other/Autres PPD	Other/Autres COLL	Declared Value for Carriage / Valeur déclarée pour le transport	Declared Value for Customs / Valeur déclarée pour le douane
CAD	ppd			ppd		nvd	

Airport of Destination / Aéroport de destination: VANCOUVER

Flight Date / Vol. / Date — For Carrier Use Only / Réservé au transporteur — Flight Date / Vol. / Date

Amount of Insurance / Montant de l'assurance

INSURANCE - If Carrier offers insurance, and such insurance is requested in accordance with conditions on reverse hereof, indicate amount to be insured in figures in box marked "Amount of Insurance".
ASSURANCE - Si le transporteur propose une assurance et que l'expéditeur en fait la demande conformément aux conditions figurant au verso indiquer le montant à assurer en chiffres dans la case "Montant de l'assurance".

Handling Information / Renseignements pour le traitement de l'expédition

No. of Pieces / Nombre de colis RCP	Gross Weight / Poids brut	kg / lb	Rate Class / Classif. du tarif	Commodity Item No. / Nº d'article de la marchandise	Chargeable Weight / Poids de taxation	Rate / Charge / Tarif / Montant	Total	Nature and Quantity of Goods (inc. Dimensions or Volume) / Nature et quantité des marchandises (y compris dimensions ou volume)
11	185	K	GCR		185	.98	181.30	BOXES ROCK SAMPLES

Prepaid / Port payé: 181.30

Weight Charge / Taxation au poids

Collect / Port dû

Valuation charge / Taxation à la valeur

Tax / Taxe

Other Charges / Autres frais: DEC 6.00

Total other Charges Due Agent / Total des autres frais dûs à l'agent: 6.00

Total other Charges Due Carrier / Total des autres frais dûs au transporteur

Shipper certifies that the particulars on the face hereof are correct and that insofar as any part of the consignment contains dangerous goods, such part is properly described by name and is in proper condition for carriage by air according to the applicable Dangerous Goods Regulations.
L'expéditeur certifie que les indications portées sur le présent document sont exactes et que dans la mesure où une partie quelconque de l'expédition contient des marchandises dangereuses, cette partie d'expédition est correctement dénommée et bien préparée pour le transport par air conformément à la réglementation applicable.

Signature of Shipper or his Agent / Signature de l'expéditeur ou de son agent

Total prepaid / Total port payé: 187.30

Total collect / Total port dû

Currency Conversion Rates / Cours de conversion

Charges at Destination / Frais à destination

Total collect charges / Total port dû

PLEASE COMPLETE — À REMPLIR

604 4631 4122

Marloch
RESOURCES LTD.
812 - 602 WEST HASTINGS STREET, VANCOUVER, BRITISH COLUMBIA, CANADA V6B 1P2 • (604) 685-5613

RECEIVED DEC - 8 1987

December 8, 1987

Fairbank Engineering Ltd.,
1201 - 675 West Hastings Street,
Vancouver, B.C.

Re: Your sampling project at Cinola in November.

Dear Mr. Fairbank;

The following statement is for room & board charges incurred by Marloch, while your crew was staying at the Cinola camp during November, 1987.

These charges are based on a rate of $50.00/man/day. These charges are inclusive of November 10th, the day of arrival, thru November 28th.

The charges are for nineteen days at $100.00/day.

Total charges and balance due: $ 1900.00

#145-87
Nov 10-23/87
14 days @ $50/m/d
= $1400 xx/

MARLOCH RESOURCES LTD.,
Malcolm MacKillop

FAIRBANK
ENGINEERING LTD

Invoice

Ste 1201-675 W. Hastings St.
Vancouver, B.C.
Canada V6B 1N2
(604) 688-1553

Consulting
Geologists
and
Engineers

To:

Mutual Resources Ltd.
#1100 - 1199 W. Hastings St.
Vancouver, B.C.
V6E 3V4

Date: Dec.15/87

Number: 1653

Professional Services

Re: Project #145-87, BRE CLAIMS, Q.C.I.

DISBURSEMENTS

Truck Rental (Nov.10-23, 1987)	$ 1,052.38	
Printing	6.25	$ 1,058.63
10% on disbursements		105.86

Extensions okay:
Credit to come?
Charge: C8003-80
OKAY TO PAY:

PAID DEC 31 1987

(receipt for room & board included)

Total Amount ▶ $ 1,164.49

Terms: Due 15 days following invoice date

Interest at the rate of 1½% per month
(18% per annum charged on overdue portions).

DEC 21 1987

MASSET
BOX 500, 1963 COLLISON AVE.
MASSET, B.C. V0T 1M0 (604) 626-5571

SANDSPIT
BOX 133, BEACH DRIVE
SANDSPIT, B.C. V0T 1T0 (604) 637-5688

QUEEN CHARLOTTE CITY
BOX 427
QUEEN CHARLOTTE CITY, B.C. V0T 1S0
(604) 559-4675

#145

Budget rent-a-car

A DIVISION OF L&H MOTORS LTD.

HEREINAFTER REFERRED TO AS "BUDGET" AND "BUDGET RENT A CAR"

RENT BACK INFORMATION

RENTING OFFICE _____

R.A. NUMBER _____

CALLED BY _____

YEAR _____

C.C. TYPE

RECEIVED DEC - 7 1987

YR. MO. DAY

RENTER / LOCATAIRE: ALLAN W. PEATT

RESIDENCE: 22925 56 ANDREWS HWY

CITY / VILLE: FORT LANGLEY PROVINCE: BC PHONE NO. / TEL. NO.:

LICENSE NO. / PERMIS NO: 06151F EXPIRATION: 91 PROV.: BC

COMPANY / COMPAGNIE: FAIRBANK FNG

ADDRESS / ADRESSE:

CITY / VILLE: VAN. PROVINCE: BC PHONE NO. / TEL. NO.:

LOCAL ADDRESS / ADRESSE LOCAL:

REPLACEMENT CAR / VEHICULE DE RECHANGE	
CAR NO. / AUTO NO	
LICENSE NO. / PERMIS NO	
MAKE / MARQUE	
OFFICE SWITCHED AT	
TIME SWITCHED	
KM. IN	
KM. OUT	
KM. DRIVEN	

ORIGINAL CAR / VEHICULE ORIGINAL	
CAR NO. / AUTO NO	36
LICENSE NO. / PERMIS NO	63-28 PJ
MAKE / MARQUE	Ford P.U.
TIME IN / HEURE ENTREE	[illegible]
TIME OUT / HEURE SORTIE	37 [illegible] 10 AM
KM. IN	11963
KM. OUT	10805
KM. DRIVEN	1159

ALL ACCIDENTS MUST BE REPORTED AT OUR OFFICES WITHIN 24 HOURS.

DAILY RATE AND COVERAGE IS BASED ON 24 HOUR DAY

REMARKS

14 days #145 $941.92 + 110.46
5 days #148 336.37 + 39.54
$1278.29 150.00

1157	MILES / KM	22 ¢	254.98
5	DAYS / JOURS	$38	174.7[illegible]
	HOURS / HEURES	$12	—
2	WEEKS / SEMAINES	$234.10	468.00
	MONTHS / MOIS	$	
	SPECIAL / DAY	$	
TOTAL TIME AND MILEAGE CHARGE			917.7[illegible]
LESS REFUND FOR			
OTHER / AUTRE			
SUR-CHARGE DAILY			
SUB-SOUS-TOTAL			917.7[illegible]
SALES TAX / TAXE DE VENTE	6 %		55.06
SUB-SOUS-TOTAL			972.7[illegible]
COLLISION DAMAGE WAIVER CHARGE DAILY	19 x 12		228.00
PERSONAL ACCIDENT INS. DAILY	19 x 2.50		47.50
GAS + GAZ	3/8 full		30.00
TOTAL CHARGE / CHARGE TOTALE			1278.29
LESS REFUND FOR	windshield damage		150.00
LESS DEPOSITS / MOINS DEPOTS			
NET DUE BUDGET			
NET DUE RENTER			1,428.2[illegible]

CHARGED / CHARGE	PAID / PAYE
$1,428.29	$

DEPOSIT $ CC AUTH NO

EXTEND TO / / $ / /

EXTEND TO / / $ / /

COLLISION DAMAGE LIABILITY WAIVER (C.D.L.W.)

BY SIGNING, CUSTOMER AGREES TO PAY THE FEE CURRENTLY CHARGED FOR EACH DAY OR FRACTION THEREOF THAT THIS RENTAL AGREEMENT IS IN EFFECT AND BUDGET AGREES TO WAIVE ALL CLAIMS AGAINST CUSTOMER FOR COLLISION DAMAGE ONLY TO VEHICLE PROVIDED IT IS OPERATED OR USED IN CONFORMITY WITH RENTAL AGREEMENT. C.D.L.W. IS NOT INSURANCE.

X CUSTOMER SIGNATURE

LIMITED DAMAGE LIABILITY

BY SIGNING, CUSTOMER AGREES TO PAY BUDGET FOR ALL LOSS OR DAMAGE TO VEHICLE (REGARDLESS OF NEGLIGENCE) LIMITED, HOWEVER, TO $2,500.00 PER ACCIDENT. PROVIDED VEHICLE IS OPERATED OR USED IN CONFORMITY WITH RENTAL AGREEMENT.

X CUSTOMER SIGNATURE

LIMITED DAMAGE LIABILITY

BY SIGNING, CUSTOMER AGREES TO PAY BUDGET FOR ALL LOSS OR DAMAGE TO VEHICLE (REGARDLESS OF NEGLIGENCE) LIMITED, HOWEVER, TO $500.00 PER ACCIDENT. PROVIDED VEHICLE IS OPERATED OR USED IN CONFORMITY WITH RENTAL AGREEMENT.

X CUSTOMER SIGNATURE

DUE BACK BY / REMISE EN PLACE PAR 1:00 AM PM 1 DAY OF / JOUR DE Dec 19 87

AT ADDRESS / A ADRESSE P/A

(CITY) (VILLE) SA PROV.

ADDITIONAL DRIVER / CONDUCTEUR ADDITIONNEL DAY MO YR

ADDRESS / ADRESSE PHONE

LICENSE NO PROV EXPIRATION

RENTER TO BE ONLY AUTHORIZED DRIVER

NOTE: [illegible] AGREE [illegible] THE TERMS [illegible] THIS RENTAL AGREEMENT AND TO RETURN VEHICLE TO BUDGET [illegible] THE DUE BACK DATE AND AT PLACE SPECIFIED.

X RENTER'S SIGNATURE / SIGNATURE DU LOCATAIRE

X SIGNATURE AUTHORIZED BUDGET REPRESENTATIVE / SIGNATURE DU REPRESENTANT AUTORISE DE BUDGET

RENTER IS RESPONSIBLE FOR ALL DAMAGE TO VEHICLE, INCLUDING ALL TIRE & TUBE REPAIRS WHILE TRAVELLING OFF PAVED HIGHWAYS. EVEN THOUGH SIMILAR DAMAGE MAY HAVE BEEN CAUSED WHILE TRAVELLING ON PAVED HIGHWAYS.

REFUNDED / REMBOURSÉ $

X

RETURNED AT / REMBOURSÉ A

CALLED IN BY / DEMANDE PAR

CONTRACT CLOSED BY / CONTRAT FERMÉ PAR

D.O.D.

INTER BRANCH

INTER

SA 13167

RATES DO NOT INCLUDE GASOLINE
TARIFS NE COMPRENNENT PAS LE GAZOLINE

CONTRACT CLOSE SUBJECT TO FINAL AUDIT
CONTRAT FERMÉ SOUS RÉSERVE DE VÉRIFICATION FINALE

FAIRBANK
ENGINEERING LTD

Invoice

Ste 1201-675 W. Hastings St.
Vancouver, B.C.
Canada V6B 1N2
(604) 688-1553

Consulting
Geologists
and
Engineers

To	Date	Number
Mutual Resources Ltd. #1100 - 1199 W. Hastings St. Vancouver, B.C. V6E 3V4	Jan.15/88	1668

Professional Services

Re: Project #145-87, BRE CLAIMS, QUEEN CHARLOTTE ISLANDS, B.C.

DISBURSEMENTS

Telephone, Nov.16-23, 1987	$ 31.25	
10% on disbursements	3.13	$ 34.38

JAN 19 1988

Total Amount ▶ $ 34.38

Terms: Due 15 days following invoice date.

Interest at the rate of 1½% per month
(18% per annum charged on overdue portions).

APPENDIX 2

Analysis and Analytical Methodology

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

To: FAIRBANK ENGINEERING LTD.
1201 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2
Project : 145 BRE
Comments: CC: MUTUAL RESOURCES

Date : 06-DEC-87
Invoice # : I-8727059
P.O. # :

CERTIFICATE OF ANALYSIS A8727059

SAMPLE DESCRIPTION	PREP CODE		Ag ppm Aqua R	As ppm	Hg ppb	Au ppb FA+AA						
0+00N 0+25E	201	--	0.1	6	80	< 5						
0+00N 0+50E	201	--	0.1	11	400	< 5						
0+00N 0+75E	201	--	0.1	9	380	< 5						
0+00N 1+00E	217	--	0.3	3	260	< 5						
0+00N 1+25E	201	--	0.1	3	280	< 5						
0+00N 1+50E	217	--	0.1	3	330	< 5						
0+00N 1+75E	201	--	0.1	9	290	5						
0+00N 2+00E	201	--	0.1	9	810	< 5						
0+00N 2+25E	201	--	0.1	10	520	< 5						
0+00N 2+50E	201	--	0.1	10	500	< 5						
0+00N 2+75E	201	--	0.1	6	360	< 5						
0+00N 3+00E	203	--	0.8	22	590	< 5						
0+00N 3+25E	201	--	0.1	11	350	< 5						
0+00N 3+50E	203	--	0.1	20	290	< 5						
0+00N 3+75E	201	--	0.2	11	630	< 5						
0+00N 4+00E	201	--	1.2	5	330	< 5						
0+00N 4+25E	201	--	0.1	7	230	< 5						
0+00N 4+50E	217	--	0.1	17	300	< 5						
0+00N 4+75E	217	--	0.1	25	350	< 5						
0+00N 5+00E	217	--	0.1	9	230	< 5						
0+00N 5+25E	201	--	0.3	4	460	< 5						
0+00N 0+25W	201	--	0.1	5	170	< 5						
0+00N 0+50W	201	--	0.1	4	340	< 5						
0+00N 0+75W	201	--	0.1	3	280	< 5						
0+00N 1+00W	201	--	0.1	6	360	< 5						
0+00N 1+25W	201	--	0.1	3	270	< 5						
0+00N 1+50W	201	--	0.1	3	260	< 5						
0+00N 1+75W	201	--	0.1	3	310	< 5						
0+00N 2+00W	201	--	0.1	5	450	< 5						
0+00N 2+25W	201	--	0.1	4	340	< 5						
0+00N 2+50W	201	--	0.1	9	630	< 5						
0+00N 2+75W	201	--	0.1	3	170	< 5						
0+00N 3+00W	201	--	0.1	3	490	< 5						
0+00N 3+25W	201	--	0.1	4	900	< 5						
0+00N 3+50W	201	--	0.1	3	280	< 5						
0+00N 3+75W	217	--	0.1	3	200	< 5						
0+00N 4+00W	217	--	0.1	3	170	< 5						
0+00N 4+25W	201	--	0.1	3	360	< 5						
0+00N 4+50W	201	--	0.1	3	180	< 5						
0+00N 4+75W	201	--	0.1	5	290	< 5						

CERTIFICATION : Hart Bichler

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

To: FAIRBANK ENGINEERING LTD.
1201 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2
Project : 145 BRE
Comments: CC: MUTUAL RESOURCES

Date : 06-DEC-87
Invoice # : I-8727059
P.O. # :

CERTIFICATE OF ANALYSIS A8727059

SAMPLE DESCRIPTION	PREP CODE		Ag ppm Aqua R	As ppm	Hg ppb	Au ppb FA+AA
0+00N 5+00W	201	--	0.1	3	200	20
1+00W 0+25E	201	--	0.1	5	440	10
1+00W 0+50E	201	--	0.1	3	100	5
1+00W 0+75E	201	--	0.1	3	250	5
1+00W 1+00E	201	--	0.1	3	220	< 5
1+00W 1+25E	201	--	0.1	9	280	< 5
1+00W 1+50E	201	--	0.2	10	550	< 5
1+00W 1+75E	201	--	0.1	11	430	15
1+00W 2+00E	201	--	0.1	6	500	< 5
1+00W 2+25E	201	--	0.1	9	770	< 5
1+00W 2+50E	201	--	0.1	6	250	< 5
1+00W 2+75E	201	--	0.1	4	290	< 5
1+00W 3+00E	201	--	0.1	4	430	< 5
1+00W 3+25E	201	--	0.1	6	200	< 5
1+00W 3+50E	201	--	0.2	11	790	< 5
1+00W 3+75E	201	--	0.1	11	270	< 5
1+00W 4+00E	201	--	0.1	4	340	< 5
1+00W 4+25E	217	--	0.2	63	270	< 5
1+00W 4+50E	201	--	0.1	10	170	< 5
1+00W 4+75E	201	--	0.1	22	240	< 5
1+00W 5+00E	201	--	0.1	5	120	< 5
1+00N 0+25W	201	--	0.1	4	240	< 5
1+00N 0+50W	201	--	0.1	24	570	< 5
1+00N 0+75W	201	--	0.1	11	550	< 5
1+00N 1+00W	201	--	0.1	15	900	< 5
1+00N 1+25W	201	--	0.1	6	490	< 5
1+00N 1+50W	201	--	0.1	6	190	< 5
1+00N 1+75W	201	--	0.1	3	140	< 5
1+00N 2+00W	201	--	0.1	5	230	< 5
1+00N 2+25W	201	--	0.1	23	550	< 5
1+00N 2+50W	201	--	0.1	5	600	< 5
1+00N 2+75W	201	--	0.1	3	410	< 5
1+00N 3+00W	201	--	0.1	17	650	< 5
1+00N 3+25W	201	--	0.1	12	630	< 5
1+00N 3+50W	201	--	0.1	29	720	< 5
1+00N 3+75W	201	--	0.1	3	290	< 5
1+00N 4+00W	201	--	0.1	3	420	< 5
1+00N 4+25W	201	--	0.1	3	380	< 5
1+00N 4+50W	201	--	0.1	5	350	< 5
1+00N 4+75W	201	--	0.1	3	420	< 5

CERTIFICATION : Hart Bichler

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

To: FAIRBANK ENGINEERING LTD.
1201 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2
Project : 145 BRE
Comments: CC: MUTUAL RESOURCES

Date : 06-DEC-87
Invoice # : I-8727059
P.O. # :

CERTIFICATE OF ANALYSIS A8727059

SAMPLE DESCRIPTION	PREP CODE		Ag ppm Aqua R	As ppm	Hg ppb	Au ppb FA+AA						
1+00N 5+00W	201	--	0.1	5	330	< 5						
2+00N 0+25E	201	--	0.1	3	390	< 5						
2+00N 0+50E	201	--	0.1	3	370	< 5						
2+00N 0+75E	201	--	0.1	3	400	< 5						
2+00N 1+00E	201	--	0.1	3	270	< 5						
2+00N 1+25E	201	--	0.1	3	160	< 5						
2+00N 1+50E	201	--	0.1	3	230	< 5						
2+00N 1+75E	201	--	0.1	4	430	< 5						
2+00N 2+00E	201	--	0.1	3	470	< 5						
2+00N 2+25E	201	--	0.1	3	470	< 5						
2+00N 2+50E	217	--	0.1	6	430	< 5						
2+00N 2+75E	201	--	0.1	9	410	< 5						
2+00N 3+00E	217	--	0.1	3	630	< 5						
2+00N 3+25E	201	--	0.1	7	340	< 5						
2+00N 3+50E	201	--	0.1	3	110	< 5						
2+00N 3+75E	201	--	0.1	3	110	< 5						
2+00N 4+00E	201	--	0.1	3	100	< 5						
2+00N 4+25E	201	--	0.1	5	140	< 5						
2+00N 4+50E	217	--	0.6	4	210	< 5						
2+00N 4+75E	201	--	0.4	24	450	< 5						
2+00N 5+00E	201	--	0.3	5	170	< 5						
2+00N 0+25W	201	--	0.1	3	390	< 5						
2+00N 0+50W	201	--	0.1	4	340	< 5						
2+00N 0+75W	201	--	0.1	3	300	< 5						
2+00N 1+00W	201	--	0.1	3	190	< 5						
2+00N 1+25W	201	--	0.1	3	450	< 5						
2+00N 1+50W	201	--	0.1	3	300	< 5						
2+00N 1+75W	217	--	0.1	3	390	< 5						
2+00N 2+00W	201	--	0.1	15	720	< 5						
2+00N 2+25W	201	--	0.1	15	730	< 5						
2+00N 2+50W	201	--	0.1	4	230	< 5						
2+00N 2+75W	201	--	0.1	3	600	< 5						
2+00N 3+00W	201	--	0.1	4	330	< 5						
2+00N 3+25W	201	--	0.1	3	350	< 5						
2+00N 3+50W	201	--	0.1	3	270	< 5						
2+00N 3+75W	201	--	0.1	4	350	< 5						
2+00N 4+00W	201	--	0.1	3	270	< 5						
2+00N 4+25W	201	--	0.1	4	470	< 5						
2+00N 4+50W	201	--	0.1	4	450	< 5						
2+00N 4+75W	201	--	0.1	3	350	< 5						

CERTIFICATION : Hart Bichler

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

To : RBANK ENGINEERING LTD.
1201 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2
Project : 145 BRE
Comments: CC: MUTUAL RESOURCES

Date : 06-DEC-87
Invoice # : I-8727059
P.O. # :

CERTIFICATE OF ANALYSIS A8727059

SAMPLE DESCRIPTION	PREP CODE		Ag ppm Aqua R	As ppm	Hg ppb	Au ppb FA+AA
2+00N 5+00W	201	--	0.1	3	400	< 5
3+00N 0+25E	201	--	0.1	3	250	< 5
3+00N 0+50E	203	--	0.1	3	440	< 5
3+00N 0+75E	201	--	0.1	3	390	< 5
3+00N 1+00E	201	--	0.1	3	150	< 5
3+00N 1+25E	201	--	0.1	3	280	< 5
3+00N 1+50E	201	--	0.1	3	170	< 5
3+00N 1+75E	201	--	0.1	3	260	< 5
3+00N 2+00E	201	--	0.1	3	330	< 5
3+00N 2+25E	201	--	0.1	4	260	< 5
3+00N 2+50E	201	--	0.1	3	350	< 5
3+00N 2+75E	201	--	0.1	3	250	< 5
3+00N 3+00E	201	--	0.1	3	270	< 5
3+00N 3+25E	201	--	0.1	3	330	< 5
3+00N 3+50E	201	--	0.1	3	120	< 5
3+00N 3+75E	203	--	0.2	3	180	< 5
3+00N 4+00E	201	--	0.3	4	120	< 5
3+00N 4+25E	201	--	0.3	3	240	< 5
3+00N 4+50E	201	--	0.1	3	110	< 5
3+00N 4+75E	201	--	0.2	3	110	< 5
3+00N 5+00E	201	--	0.3	3	570	< 5
3+00N 0+25W	201	--	0.3	4	620	< 5
3+00N 0+50W	201	--	0.1	4	420	< 5
3+00N 0+75W	201	--	0.1	3	130	< 5
3+00N 1+00W	201	--	0.1	3	130	< 5
3+00N 1+25W	201	--	0.2	10	690	< 5
3+00N 1+50W	201	--	0.3	10	530	< 5
3+00N 1+75W	201	--	0.3	4	400	< 5
3+00N 2+00W	201	--	0.4	4	550	< 5
3+00N 2+25W	201	--	0.1	3	540	< 5
3+00N 2+50W	201	--	0.3	3	530	< 5
3+00N 2+75W	201	--	0.1	3	480	< 5
3+00N 3+00W	201	--	0.3	3	760	< 5
3+00N 3+25W	217	--	0.4	3	240	< 5
3+00N 3+50W	217	--	0.3	3	300	< 5
3+00N 3+75W	217	--	0.1	3	240	< 5
3+00N 4+00W	217	--	0.1	3	100	< 5
3+00N 4+25W	201	--	0.1	9	520	< 5
3+00N 4+50W	201	--	0.3	14	340	< 5
3+00N 4+75W	201	--	0.1	5	400	< 5

CERTIFICATION : Hart Bichler

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

T. AIRBANK ENGINEERING LTD.
1201 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2
Project : 145 BRE
Comments: CC: MUTUAL RESOURCES

Date : 06-DEC-87
Invoice # : I-8727059
P.O. # :

CERTIFICATE OF ANALYSIS A8727059

SAMPLE DESCRIPTION	PREP CODE		Ag ppm Aqua R	As ppm	Hg ppb	Au ppb FA+AA
3+00N 5+00W	201	--	0.1	4	180	< 5
4+00N 0+25E	217	--	0.1	3	100	< 5
4+00N 0+50E	217	--	0.1	3	80	< 5
4+00N 0+75E	217	--	0.1	3	80	< 5
4+00N 1+00E	217	--	0.1	2	70	< 5
4+00N 1+25E	217	--	0.1	2	60	< 5
4+00N 1+50E	217	--	0.1	3	50	< 5
4+00N 1+75E	217	--	0.1	3	60	< 5
4+00N 2+00E	217	--	0.1	2	50	< 5
4+00N 2+25E	217	--	0.1	3	50	< 5
4+00N 2+50E	201	--	0.2	9	120	< 5
4+00N 2+75E	201	--	0.1	3	260	< 5
4+00N 3+00E	201	--	0.1	3	210	< 5
4+00N 3+25E	201	--	0.1	3	420	< 5
4+00N 3+50E	201	--	0.3	9	480	< 5
4+00N 3+75E	201	--	0.1	3	210	< 5
4+00N 4+00E	201	--	0.1	6	340	< 5
4+00N 4+25E	201	--	0.1	3	200	< 5
4+00N 4+50E	201	--	0.1	3	200	< 5
4+00N 4+75E	201	--	0.1	5	470	< 5
4+00N 5+00E	201	--	0.1	3	240	< 5
4+00N 0+25W	217	--	0.1	2	90	< 5
4+00N 0+50W	217	--	0.3	2	110	< 5
4+00N 0+75W	201	--	0.5	3	170	< 5
4+00N 1+00W	201	--	0.2	3	150	< 5
4+00N 1+25W	201	--	0.3	3	180	< 5
4+00N 1+50W	201	--	0.2	5	270	< 5
4+00N 1+75W	201	--	0.2	12	310	5
4+00N 2+00W	201	--	0.4	4	140	< 5
4+00N 2+25W	201	--	0.1	22	410	< 5
4+00N 2+50W	201	--	0.1	3	330	< 5
4+00N 2+75W	201	--	0.1	5	400	< 5
4+00N 3+00W	201	--	0.1	4	360	< 5
4+00N 3+25W	201	--	0.1	4	410	< 5
4+00N 3+50W	201	--	0.1	3	280	< 5
4+00N 3+75W	201	--	0.1	3	340	< 5
4+00N 4+00W	201	--	0.2	6	370	< 5
4+00N 4+25W	201	--	0.1	6	420	< 5
4+00N 4+50W	201	--	0.1	3	240	< 5
4+00N 4+75W	201	--	0.3	19	520	5

CERTIFICATION : Hart Bichler

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FAIRBANK ENGINEERING LTD.
1201 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2
Project : 145 BRE
Comments: CC: MUTUAL RESOURCES

Date : 06-DEC-87
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CERTIFICATE OF ANALYSIS A8727059

SAMPLE DESCRIPTION	PREP CODE		Ag ppm Aqua R	As ppm	Hg ppb	Au ppb FA+AA
4+00N 5+00W	201	--	0.1	6	320	< 5
5+00N 0+25E	201	--	0.1	3	210	< 5
5+00N 0+50E	201	--	0.2	3	360	< 5
5+00N 0+75E	201	--	0.1	4	410	< 5
5+00N 1+00E	201	--	0.1	3	350	< 5
5+00N 1+25E	217	--	0.1	3	110	< 5
5+00N 1+50E	217	--	0.1	3	60	< 5
5+00N 1+75E	217	--	0.1	2	50	< 5
5+00N 2+00E	217	--	0.1	2	30	< 5
5+00N 2+25E	217	--	0.1	2	50	< 5
5+00N 2+50E	217	--	0.1	3	70	< 5
5+00N 2+75E	217	--	0.1	3	50	< 5
5+00N 3+00E	217	--	0.1	2	90	< 5
5+00N 3+25E	217	--	0.2	2	100	< 5
5+00N 3+50E	201	--	0.2	2	380	< 5
5+00N 3+75E	217	--	0.3	3	220	< 5
5+00N 4+00E	217	--	0.2	3	420	< 5
5+00N 4+25E	217	--	0.1	3	250	< 5
5+00N 4+50E	217	--	0.3	3	260	< 5
5+00N 4+75E	201	--	0.1	3	240	< 5
5+00N 5+00E	201	--	0.1	3	220	< 5
5+00N 0+25W	201	--	0.1	3	590	< 5
5+00N 0+50W	201	--	0.2	4	160	< 5
5+00N 0+75W	201	--	0.2	16	110	< 5
5+00N 1+00W	201	--	0.1	4	140	< 5
5+00N 1+25W	201	--	0.1	9	200	< 5
5+00N 1+50W	201	--	0.1	7	370	< 5
5+00N 1+75W	201	--	0.1	5	270	< 5
5+00N 2+00W	201	--	0.2	4	270	< 5
5+00N 2+25W	201	--	0.1	5	420	< 5
5+00N 2+50W	201	--	0.1	6	190	< 5
5+00N 2+75W	201	--	0.1	3	260	< 5
5+00N 3+00W	201	--	0.1	3	140	< 5
5+00N 3+25W	201	--	0.2	3	200	< 5
5+00N 3+50W	201	--	0.1	6	140	< 5
5+00N 3+75W	201	--	0.1	5	140	< 5
5+00N 4+00W	201	--	0.1	9	290	< 5
5+00N 4+25W	201	--	0.1	1	190	< 5
5+00N 4+50W	217	--	0.2	2	280	< 5
5+00N 4+75W	201	--	0.1	2	470	< 5

CERTIFICATION : Hart Bunter

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PHONE (604) 984-0221

To: FAIRBANK ENGINEERING LTD.
1201 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2
Project : 145 BRE
Comments: CC: MUTUAL RESOURCES

Date : 08-DEC-87
Invoice # : I-8727060
P.O. # :

CERTIFICATE OF ANALYSIS A8727060

SAMPLE DESCRIPTION	PREP CODE		Ag ppm Aqua R	As ppm	Hg ppb	Au ppb FA+AA						
5+00N 5+00W	201	--	0.1	3	1300	< 5						
6+00N 0+25E	201	--	0.1	6	320	< 5						
6+00N 0+50E	201	--	0.1	4	120	< 5						
6+00N 0+75E	201	--	0.1	3	310	< 5						
6+00N 1+00E	201	--	0.1	3	300	< 5						
6+00N 1+25E	201	--	0.1	5	380	< 5						
6+00N 1+50E	201	--	0.1	3	300	< 5						
6+00N 1+75E	201	--	0.1	9	350	< 5						
6+00N 2+00E	201	--	0.1	7	390	< 5						
6+00N 2+25E	201	--	0.1	3	210	< 5						
6+00N 2+50E	201	--	0.1	3	560	< 5						
6+00N 2+75E	201	--	0.1	4	490	< 5						
6+00N 3+00E	201	--	0.1	3	330	< 5						
6+00N 3+25E	201	--	0.2	5	540	< 5						
6+00N 3+50E	201	--	0.1	5	480	< 5						
6+00N 3+75E	201	--	0.2	3	560	< 5						
6+00N 4+00E	217	--	0.3	3	370	< 5						
6+00N 4+25E	217	--	0.1	3	150	< 5						
6+00N 4+50E	217	--	0.2	2	200	< 5						
6+00N 4+75E	201	--	0.1	2	120	< 5						
6+00N 5+00E	201	--	0.1	2	100	< 5						
6+00N 0+25W	201	--	0.1	11	180	< 5						
6+00N 0+50W	201	--	0.1	5	160	< 5						
6+00N 0+75W	217	--	0.2	3	180	< 5						
6+00N 1+00W	201	--	0.1	3	250	< 5						
6+00N 1+25W	201	--	0.1	9	320	< 5						
6+00N 1+50W	201	--	0.1	5	350	< 5						
6+00N 1+75W	201	--	0.1	11	360	< 5						
6+00N 2+00W	201	--	0.1	14	350	< 5						
6+00N 2+25W	201	--	0.1	14	180	< 5						
6+00N 2+50W	201	--	0.1	3	150	< 5						
6+00N 2+75W	201	--	0.1	6	170	< 5						
6+00N 3+00W	201	--	0.1	3	170	< 5						
6+00N 3+25W	201	--	0.1	5	350	< 5						
6+00N 3+50W	201	--	0.1	5	190	< 5						
6+00N 3+75W	201	--	0.1	3	190	< 5						
6+00N 4+00W	201	--	0.1	5	180	5						
6+00N 4+25W	201	--	0.1	7	130	< 5						
6+00N 4+50W	201	--	0.1	3	110	< 5						
6+00N 4+75W	201	--	0.1	3	260	< 5						

CERTIFICATION : Hart Bichler

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FAIRBANK ENGINEERING LTD.
1201 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2
Project : 145 BRE
Comments: CC: MUTUAL RESOURCES

Date : 08-DEC-87
Invoice # : I-8727060
P.O. # :

CERTIFICATE OF ANALYSIS A8727060

SAMPLE DESCRIPTION	PREP CODE		Ag ppm Aqua R	As ppm	Hg ppb	Au ppb FA+AA						
6+00N 5+00W	201	--	0.1	3	230	< 5						
7+00N 0+25E	201	--	0.1	3	180	< 5						
7+00N 0+50E	201	--	0.1	3	150	< 5						
7+00N 0+75E	201	--	0.1	4	250	< 5						
7+00N 1+00E	201	--	0.1	3	140	< 5						
7+00N 1+25E	201	--	0.1	3	90	< 5						
7+00N 1+50E	201	--	0.1	5	270	< 5						
7+00N 1+75E	201	--	0.1	3	410	< 5						
7+00N 2+00E	201	--	0.1	4	360	< 5						
7+00N 2+25E	201	--	0.1	5	290	< 5						
7+00N 2+50E	201	--	0.1	3	310	< 5						
7+00N 2+75E	201	--	0.1	3	230	< 5						
7+00N 3+00E	201	--	0.1	3	200	< 5						
7+00N 3+25E	201	--	0.1	9	370	< 5						
7+00N 3+50E	201	--	0.1	3	410	< 5						
7+00N 3+75E	201	--	0.1	4	360	< 5						
7+00N 4+00E	201	--	0.1	4	200	< 5						
7+00N 4+25E	201	--	0.1	5	170	< 5						
7+00N 4+50E	201	--	0.1	4	390	< 5						
7+00N 4+75E	201	--	0.1	9	170	< 5						
7+00N 5+00E	201	--	0.1	4	290	< 5						
7+00N 0+25W	201	--	0.1	3	230	< 5						
7+00N 0+50W	201	--	0.1	3	260	< 5						
7+00N 0+75W	201	--	0.1	3	200	< 5						
7+00N 1+00W	201	--	0.1	6	290	< 5						
7+00N 1+25W	201	--	0.1	5	210	< 5						
7+00N 1+50W	201	--	0.1	3	240	< 5						
7+00N 1+75W	201	--	0.1	12	610	< 5						
7+00N 2+00W	201	--	0.1	3	370	< 5						
7+00N 2+25W	201	--	0.1	3	370	50						
7+00N 2+50W	201	--	0.1	12	350	< 5						
7+00N 2+75W	201	--	0.1	15	450	< 5						
7+00N 3+00W	201	--	0.1	11	370	< 5						
7+00N 3+25W	201	--	0.1	3	170	< 5						
7+00N 3+50W	201	--	0.1	3	400	< 5						
7+00N 3+75W	201	--	0.1	12	270	< 5						
7+00N 4+00W	201	--	0.1	16	240	< 5						
7+00N 4+25W	201	--	0.1	12	310	< 5						
7+00N 4+50W	201	--	0.1	5	100	< 5						
7+00N 4+75W	217	--	0.2	2	380	< 5						

CERTIFICATION : Hart Bichler

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212 BROOKSBANK AVE., NORTH VANCOUVER,
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PHONE (604) 984-0221

To: FAIRBANK ENGINEERING LTD.
1201 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2
Project : 145 BRE
Comments: CC: MUTUAL RESOURCES

Date : 08-DEC-87
Invoice # : I-8727060
P.O. # :

CERTIFICATE OF ANALYSIS A8727060

SAMPLE DESCRIPTION	PREP CODE		Ag ppm Aqua R	As ppm	Hg ppb	Au ppb FA+AA
7+00N 5+00W	217	--	0.1	3	200	< 5
8+00N 0+25E	201	--	0.1	3	370	< 5
8+00N 0+50E	201	--	0.1	3	130	< 5
8+00N 0+75E	201	--	0.1	2	290	< 5
8+00N 1+00E	201	--	0.1	2	160	< 5
8+00N 1+25E	201	--	0.1	4	250	< 5
8+00N 1+50E	217	--	0.2	2	180	< 5
8+00N 1+75E	201	--	0.1	3	180	< 5
8+00N 2+00E	201	--	0.1	2	360	10
8+00N 2+25E	201	--	0.1	2	270	< 5
8+00N 2+50E	201	--	0.1	2	300	< 5
8+00N 2+75E	201	--	0.1	2	300	< 5
8+00N 3+00E	201	--	0.1	4	190	< 5
8+00N 3+25E	201	--	0.1	2	180	< 5
8+00N 3+50E	201	--	0.1	3	280	< 5
8+00N 3+75E	201	--	0.1	3	400	< 5
8+00N 4+00E	201	--	0.1	15	560	< 5
8+00N 4+25E	201	--	0.1	3	290	< 5
8+00N 4+50E	201	--	0.1	5	290	< 5
8+00N 4+75E	201	--	0.1	3	330	< 5
8+00N 5+00E	201	--	0.1	3	180	< 5
8+00N 0+25W	201	--	0.1	10	310	< 5
8+00N 0+50W	201	--	0.1	3	430	< 5
8+00N 0+75W	201	--	0.1	3	160	< 5
8+00N 1+00W	201	--	0.1	3	200	< 5
8+00N 1+25W	201	--	0.1	3	170	< 5
8+00N 1+50W	201	--	0.1	3	130	< 5
8+00N 1+75W	201	--	0.1	4	280	< 5
8+00N 2+00W	201	--	0.1	4	260	< 5
8+00N 2+25W	201	--	0.1	5	340	< 5
8+00N 2+50W	201	--	0.1	3	280	< 5
8+00N 2+75W	201	--	0.1	5	360	< 5
8+00N 3+00W	201	--	0.1	7	420	5
8+00N 3+25W	201	--	0.1	3	280	< 5
8+00N 3+50W	201	--	0.1	22	240	< 5
8+00N 3+75W	201	--	0.1	3	460	< 5
8+00N 4+00W	201	--	0.1	4	180	< 5
8+00N 4+25W	201	--	0.1	6	350	< 5
8+00N 4+50W	201	--	0.1	14	340	< 5
8+00N 4+75W	201	--	0.1	4	510	< 5

CERTIFICATION : Hart Bichler

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FAIRBANK ENGINEERING LTD.
1201 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2
Project : 145 BRE
Comments: CC: MUTUAL RESOURCES

Date :08-DEC-87
Invoice # :I-8727060
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CERTIFICATE OF ANALYSIS A8727060

SAMPLE DESCRIPTION	PREP CODE		Ag ppm Aqua R	As ppm	Hg ppb	Au ppb FA+AA
8+00N 5+00W	201	--	0.1	3	250	< 5
9+00N 0+25E	201	--	0.1	14	640	5
9+00N 0+50E	201	--	0.1	4	280	< 5
9+00N 0+75E	201	--	0.1	3	170	< 5
9+00N 1+00E	201	--	0.1	4	200	50
9+00N 1+25E	201	--	0.1	3	440	< 5
9+00N 1+50E	201	--	0.1	5	590	< 5
9+00N 1+75E	201	--	0.1	3	170	< 5
9+00N 2+00E	201	--	0.1	3	250	< 5
9+00N 2+25E	201	--	0.1	3	360	< 5
9+00N 2+50E	201	--	0.1	3	330	10
9+00N 2+75E	201	--	0.1	3	330	< 5
9+00N 3+00E	201	--	0.1	5	200	< 5
9+00N 3+25E	217	--	0.1	5	410	5
9+00N 3+50E	201	--	0.1	3	330	< 5
9+00N 3+75E	201	--	0.1	4	430	< 5
9+00N 4+00E	201	--	0.1	9	380	< 5
9+00N 4+25E	217	--	0.1	3	430	< 5
9+00N 4+50E	217	--	0.1	3	340	< 5
9+00N 4+75E	201	--	0.1	3	340	5
9+00N 5+00E	201	--	0.1	3	370	10
9+00N 0+25W	201	--	0.1	9	250	< 5
9+00N 0+50W	201	--	0.1	4	450	< 5
9+00N 0+75W	201	--	0.1	3	200	< 5
9+00N 1+00W	201	--	0.1	7	220	< 5
9+00N 1+25W	201	--	0.1	3	110	< 5
9+00N 1+50W	201	--	0.1	5	170	< 5
9+00N 1+75W	201	--	0.1	3	200	< 5
9+00N 2+00W	201	--	0.1	3	300	< 5
9+00N 2+25W	201	--	0.1	3	200	< 5
9+00N 2+50W	201	--	0.1	9	300	< 5
9+00N 2+75W	201	--	0.1	9	190	< 5
9+00N 3+00W	201	--	0.1	5	450	< 5
9+00N 3+25W	201	--	0.1	3	470	< 5
9+00N 3+50W	201	--	0.1	5	320	< 5
9+00N 3+75W	201	--	0.1	9	260	< 5
9+00N 4+00W	201	--	0.1	3	450	< 5
9+00N 4+25W	201	--	0.1	11	580	< 5
9+00N 4+50W	201	--	0.1	5	320	< 5
9+00N 4+75W	201	--	0.1	9	260	< 5

CERTIFICATION : Hart Bichler

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

To: AIRBANK ENGINEERING LTD.
1201 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2
Project : 145 BRE
Comments: CC: MUTUAL RESOURCES

Date : 08-DEC-87
Invoice # : I-8727060
P.O. # :

CERTIFICATE OF ANALYSIS A8727060

SAMPLE DESCRIPTION	PREP CODE		Ag ppm Aqua R	As ppm	Hg ppb	Au ppb FA+AA						
0+00W 7+25N	201	--	0.1	3	160	< 5						
0+00W 7+50N	201	--	0.1	3	140	< 5						
0+00W 7+75N	201	--	0.1	5	260	< 5						
0+00W 8+00N	201	--	0.1	3	130	< 5						
0+00W 8+25N	201	--	0.1	4	320	< 5						
0+00W 8+50N	201	--	0.1	10	250	< 5						
0+00W 8+75N	201	--	0.1	6	250	< 5						
0+00W 9+00N	201	--	0.1	5	170	< 5						

CERTIFICATION : Hart Bichler

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

FAIRBANK ENGINEERING LTD.
1201 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2
Project : 145 BRE
Comments: CC: MUTUAL RESOURCES

Date : 08-DEC-87
Invoice # : I-8727060
P.O. # :

CERTIFICATE OF ANALYSIS A8727060

SAMPLE DESCRIPTION	PREP CODE		Ag ppm Aqua R	As ppm	Hg ppb	Au ppb FA+AA
9+00N 5+00W	217	--	0.1	9	230	< 5
10+00N 0+25E	201	--	0.1	15	620	< 5
10+00N 0+50E	201	--	0.1	7	420	< 5
10+00N 0+75E	201	--	0.1	5	140	< 5
10+00N 1+00E	201	--	0.1	6	220	< 5
10+00N 1+25E	201	--	0.1	3	650	< 5
10+00N 1+50E	201	--	0.1	14	310	15
10+00N 1+75E	201	--	0.1	15	480	< 5
10+00N 2+00E	201	--	0.1	9	390	< 5
10+00N 2+25E	201	--	0.1	5	250	< 5
10+00N 2+50E	201	--	0.1	7	290	< 5
0+00W 0+00N	201	--	0.1	6	190	< 5
0+00W 0+25N	201	--	0.1	4	300	< 5
0+00W 0+50N	201	--	0.1	3	120	< 5
0+00W 0+75N	201	--	0.1	3	60	< 5
0+00W 1+00N	201	--	0.1	3	190	< 5
0+00W 1+25N	201	--	0.1	12	520	< 5
0+00W 1+50N	201	--	0.1	3	470	< 5
0+00W 1+75N	201	--	0.1	9	510	< 5
0+00W 2+00N	201	--	0.1	3	1900	< 5
0+00W 2+25N	201	--	0.1	3	160	< 5
0+00W 2+50N	201	--	0.1	3	390	< 5
0+00W 2+75N	201	--	0.1	2	280	< 5
0+00W 3+00N	201	--	0.1	4	450	< 5
0+00W 3+25N	201	--	0.1	3	310	< 5
0+00W 3+50N	201	--	0.1	3	200	< 5
0+00W 3+75N	201	--	0.1	3	400	< 5
0+00W 4+00N	217	--	0.1	3	160	< 5
0+00W 4+25N	201	--	0.1	7	210	< 5
0+00W 4+50N	201	--	0.1	4	210	< 5
0+00W 4+75N	201	--	0.1	3	360	< 5
0+00W 5+00N	201	--	0.1	3	190	< 5
0+00W 5+25N	201	--	0.1	9	390	< 5
0+00W 5+50N	201	--	0.1	10	400	< 5
0+00W 5+75N	201	--	0.1	9	260	< 5
0+00W 6+00N	201	--	0.1	4	330	< 5
0+00W 6+25N	201	--	0.1	3	230	< 5
0+00W 6+50N	201	--	0.1	3	130	< 5
0+00W 6+75N	201	--	0.1	5	240	< 5
0+00W 7+00N	201	--	0.1	5	100	< 5

*L 10 + 00 N Samples are check samples

0 + 00 N	3 + 75 E
1 + 00 N	0 + 25 E
3 + 00 N	5 + 00 W
4 + 00 N	1 + 25 W
5 + 00 N	5 + 00 W
6 + 00 N	2 + 00 W
7 + 00 N	2 + 75 W
7 + 00 N	1 + 25 E
8 + 00 N	1 + 25 E
9 + 00 N	1 + 00 W

CERTIFICATION : [signature]

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

To: FAIRBANK ENGINEERING LTD.

1201 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A8727059

Comments: CC: MUTUAL RESOURCES

CERTIFICATE A8727059

FAIRBANK ENGINEERING LTD.
PROJECT : 145 BRE
P.O.# :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 17-DEC-87.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	195	Dry, sieve -80 mesh; soil, sed.
203	4	Dry, sieve -35 mesh and ring
217	41	Soil, rock, core: Ring-no crush

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
6	240	Ag ppm: HNO3-aqua regia digest	AAS-BKGD CORR	0.1	200
13	240	As ppm: HNO3-aqua regia digest	AAS-HYDRIDE/EDL	1	10000
20	240	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	5	100
100	240	Au ppb: Fuse 10 g sample	FA-AAS	5	10000

Chemex Labs Ltd.
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BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

To: FAIRBANK ENGINEERING LTD.

1201 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A8727060

Comments: CC: MUTUAL RESOURCES

CERTIFICATE A8727060

FAIRBANK ENGINEERING LTD.
PROJECT : 145 BRE
P.O.# :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 17-DEC-87.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	196	Dry, sieve -80 mesh; soil, sed.
217	12	Soil, rock, core: Ring-no crush

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
6	208	Ag ppm: HNO3-aqua regia digest	AAS-BKGD CORR	0.1	200
13	208	As ppm: HNO3-aqua regia digest	AAS-HYDRIDE/EDL	1	10000
20	208	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	5	100
100	208	Au ppb: Fuse 10 g sample	FA-AAS	5	10000

ASSAY PREPERATION

1.) Samples are sorted, then listed on assay sheets.
2.) The entire sample is crushed first in a primary jaw crusher, then in a secondary cone crusher.
3.) The crushed sample is reduced toa 200-400 gram sub-sample in a Jones Riffler, then dried.
4.) The dried material is pulverized to pass a 100 mesh screen, then rolled to homogenize.

ASSAY ANALYTICAL METHODS

1.) Cu (%)
A 2 gram sub-sample is digested in a hot perchloric-nitric acid mixture for two hours, cooled, then transfered into a 250 ml. volumetric flask. Aluminum Chloride is added as an ionization suppressant for Mo. The solutions are then analyzed on an atomic absorption instrument.

2.) Pb, Zn (%)
These elements are analyzed as above with the addition of nitric acid to the final sample and standard solutions.

3.) Ag, Au (oz/ton)
Silver and gold analyses are done by standard fire assay techniques. In the sample preperation stage the screens are checked for metallics which, if present, are assayed seperately and calculated into the results obtained from the pulp assay.

Geochem:

Copper, Lead, Zinc, Silver ppm:

1.0 gm sample is digested with perchloric-nitric acid ($HClO_4$-HNO_3) for approximately 2 hours. The digested sample is cooled and made up to 25 mls with distilled water. The solution is mixed and solids are allowed to settle. Copper, lead, zinc and silver are determined by atomic absorption techniques. Silver and lead are corrected for background absorption.

Detection limit: Copper, Zinc - 1 ppm
Silver - 0.2 ppm
Lead - 2 ppm

Gold F.A.-A.A. Combo Method ppb:

For low grade samples and geochemical materials, 10 gram samples are fused in litharge, carbonate and siliceous flux with the addition of 10 mg of Au-free Ag metal and cupelled. The silver bead is parted with dilute HNO_3 and then treated with aqua regia. The salts are dissolved in dilute HCl and analyzed for Au on an atomic absorption spectrophotometer.

Detection limit: 5 ppb

Mercury ppb:

The sample is digested with nitric acid plus a small amount of hydrochloric acid. Following digestion the resulting clear solution is transferred to a reaction flask connected to a closed system absorption cell. Stannous sulfate is rapidly added to reduce mercury to its elemental state. The mercury is then flushed out of the reaction vessel into the absorption cell where it is measured by cold vapour atomic absorption methods with a Varian Spectrophotometer. The absorbance of samples is compared with the absorbance of freshly - prepared mercury standard solutions carried through the same procedure.

Detection limit: 5 ppb

Arsenic ppm:

A 1.0 gm sample is digested with acids for approximately 2 hours. The digested solution is diluted to volume and mixed. An aliquot of the digest is acidified, reduced with Kl and mixed. A portion of the reduced solution is converted to arsine with $NaBH_4$ and the arsenic content determined using flameless atomic absorption.

Detection limit: 1 ppm

APPENDIX 3

Soil Sample Collection Records

L 4+00N, west side

FAIRBANK ENGINEERING LTD

AREA:
COLLECTOR:
DATE:
CLIENT:
PROJECT:
MAP:

SAMPLE SUMMARY

SAMPLE NUMBER	LOCATION		REMARKS	TYPE	LAB. ANALYSIS								
	4+00N, 0+25W	100	red-brown, organic										
	0+50	100	brown, organic										
	0+75	100	" "										
	1+00	50	brown, mud										
	1+25	50	grey mud										
	1+50	50	brown mud										
	1+75	50	" " , organic rich										
	2+00	50	brown-grey mud										
	2+25	50	orange and blue clay										
	2+50	50	brown mud										
	2+75	50	brown mud, some sand, some organic										
	3+00	100	blue clay										
	3+25	30	brown mud										
	3+50	50	" " , organic rich										
	3+75	100	blue & brown muddy clay										
	4+00	100	blue clay.										
	4+25	75	grey clay										
	4+50	40	brown mud, organic rich, hit rock										
	4+75	25	orange-brown, B										
	5+00	50	" " "										
DUPLICATE	1+25	50	grey mud										

L 4+00
EASTSIDE

FAIRBANK ENGINEERING LTD

AREA:
COLLECTOR:
DATE:
CLIENT:
PROJECT:
MAP:

SAMPLE SUMMARY

SAMPLE NUMBER	LOCATION		REMARKS	TYPE	LAB. ANALYSIS								
MUT F	L 4+00 0+25	1m	Brown organic rich, swamp										
	0+50	1	" " " "										
	0+75	1	" " " "										
	1+00	1	" " " "										
	1+25	1	" " " "										
	1+50	1	" " " "										
	1+75	1	" " " "										
	2+00	1	" " " "										
	2+25	1	" " " "										
	2+50	50cm	Orangey Brown										
	2+75	40	Black Brown little organic										
	3+00	40	Brownish grey										
	3+25	60	Black grey										
	3+50	50	Orangey Brown dirt										
	3+75	40	Grey little organic										
	4+00	30	Grey little orangey										
	4+25	40	Grey gravelly clay										
	4+50	50	Black organic mud										
	4+75	50	Grey gravelly clay										
	5+00E	30	Black organic mud										

L5+00 N, west side.

FAIRBANK ENGINEERING LTD

AREA: _____ CLIENT: _____
COLLECTOR: _____ PROJECT: _____
DATE: _____ MAP: _____

SAMPLE SUMMARY

SAMPLE NUMBER	LOCATION	depth	REMARKS	TYPE	LAB. ANALYSIS								
	5+00N, 5+00W	50	black-brown, sandy mud										
	4+75	50	" " " "										
	4+50	75	brown mud, organic rich										
	4+25	40	brown mud										
	4+00	50	orangey brown & grey clay										
	3+75	100	orange & grey clay										
	3+50	50	orangey brown, muddy clay										
	3+25	100	brown mud										
	3+00	50	grey sandy mud										
	2+75	50	brown mud										
	2+50	50	grey-brown mud										
	2+25	50	brown mud										
	2+00	75	grey clay										
	1+75	50	grey mud										
	1+50	75	brown mud										
	1+25	50	Grey little orangey										
	1+00	70	Brownish grey, little organic										
	0+75	60	" "										
	0+50	30	greyish Brown hit Rock										
	0+25	30	" " " "										
	~~0+00~~	~~50~~	~~Grey little organic~~										
DUPLICATE	5+00	50	black-brown, sandy mud										

Fig 21

Q.S.F.

L 5+00 EASTSIDE

FAIRBANK ENGINEERING LTD

AREA: _____ CLIENT: _____
COLLECTOR: _____ PROJECT: _____
DATE: _____ MAP: _____

SAMPLE SUMMARY

SAMPLE NUMBER	LOCATION			REMARKS	TYPE	LAB. ANALYSIS								
MUTF	L 5+00	5+00 E	50cm	Black grey little organic										
		4+75	40	" " " "										
		4+50	1m	Brown, organic rich, swamp										
		4+25	1	" " " "										
		4+00	1	Black " " "										
		3+75	1	Brown " " "										
		3+50	70	hit rock, Black organic "										
		3+25	1	Brown organic rich "										
		3+00	1	" " " "										
		2+75	1	" " " "										
		2+50	1	" " " "										
		2+25	1	" " " "										
		2+00	1	" " " "										
		1+75	1	" " " "										
		1+50	1	Black " " "										
		1+25	1	Brown " " "										
		1+00	1	Grey clay "										
		0+75	50	Grey Brown mud										
		0+50	60	Black, Brown, little organic										
		0+25	30	hit rock, Grey, Brown, little orange										

G.B.F.

Baseline (0+00W)

FAIRBANK ENGINEERING LTD

AREA: BRE 45, 46, 47, 48
COLLECTOR: A. Pratt / T. Holgate
DATE: Nov. 12

CLIENT: Mutual Resources
PROJECT:
MAP:

SAMPLE SUMMARY

SAMPLE NUMBER	LOCATION	depth	REMARKS	TYPE	LAB. ANALYSIS								
MUTF	0+00W, 0+00N	50 cm	grey, above bedrock.										
	0+25N	40	grey-brown, organic rich										
	0+50	40	Brown gravelly mud.										
	0+75	50	grey mud.										
	1+00	20	grey, hit rock										
	1+25	80	grey clay										
	1+50	50	brown, dryish mud										
	1+75	50	grey, brown clay										
	2+00	40	grey, brown, hit rock										
	2+25	30	grey, brown mud										
	2+50	40	Black, Brown hit rock										
	2+75	50	Grey Brown. " "										
	3+00	30	grey mud										
	3+25	30	grey Black, little organic hit rock										
	3+50	80	hit rock Blackish grey										
	3+75	50	Black organic rich										
	4+00	1m	Brown organic rich swamp										
	4+25	1m	Brown organic Rich swamp										
	4+50	75	brown + orange-brown mud.										
	4+75	60	Black grey little organic										
	5+00	50	Grey little organic										
	5+25	60	Grey mud										
	5+50	50	green-brown dry mud										
	5+75	50	brown mud + some orange-brown B										
	6+00	50	Brownish grey										
	6+25	30	grey-brown mud.										
	6+50	50	brown mud										
	6+75	100	brown muddy clay										
	7+00	50	brown + orange mud										
	7+25	50	brown mud										
	7+50	30	grey mud										
	7+75	50	brown mud										
	8+00	75	brown sandy mud										
	8+25	50	black sandy mud										
	8+50	100	orange-brown dirt										
	8+75	75	brown mud										
	9+00	50	brown mud										

G.B.P.

L 0+00N, west side

FAIRBANK ENGINEERING LTD

AREA:
COLLECTOR:
DATE:
CLIENT:
PROJECT:
MAP:

SAMPLE SUMMARY

SAMPLE NUMBER	LOCATION	depth	REMARKS	TYPE	LAB. ANALYSIS								
MUTF	0+00N, 0+25 W	40	grey, rocky mud										
	0+50	50	brown, sandy mud, organic rich										
	0+75	40	grey-brown, mud, hit rock										
	1+00	40	Grey clay mud										
	1+25	30	brown mud, organic rich, hit rock										
	1+50	50	Black mud, organic rich, swamp										
	1+75	30	brown mud, organic rich, hit rock										
	2+00	30	Black, hit Rock										
	2+25	40	brown mud, organic rich, hit rock										
	2+50	60	Brownish, grey mud										
	2+75	50	grey-brown mud, organic rich, hit rock										
	3+00	30	grey clay, mud										
	3+25	100	dark brown, organic										
	3+50	80	organic Rich mud, Black										
	3+75	75	dark brown, organic, hit rock										
	4+00	40	Brown mud, organic										
	4+25	30	grey-brown, organic, hit rock										
	4+50	30	grey, organic, hit Rock										
	4+75	30	grey brown, organic, hit rock										
	5+00	40	Black mud										

G.S.F.

L 0+00N, east side

FAIRBANK ENGINEERING LTD

AREA: BRE 45, 46, 47, 48
COLLECTOR: A. Pratt
DATE: Nov. 12 / 87

CLIENT: Mutual Resources
PROJECT:
MAP:

SAMPLE SUMMARY

SAMPLE NUMBER	LOCATION	depth	REMARKS	TYPE	LAB. ANALYSIS								
MUTF	0+00 N, 5+25E	50cm	very wet, sandy, dark brown, swamp	Soil									
	5+00	40	moist, 1/2 organic, 1/2 rock										
	4+75	100	Organic, black, swamp										
	4+50	80	Organic, dark brown, swamp										
	4+25	100	moist, blue-green, sandy mud										
	4+00	75	Orangey brown, B										
	3+75	5	orangey grey, B										
	3+50	100	Organic, dark brown										
	3+25	100	" black										
	3+00	100	" " , muddy										
	2+75	75	brown-grey, rocky mud										
	2+50	50	orange-brown										
	2+25	50	" "										
	2+00	50	brown, swamp										
	1+75	50	brown										
	1+50	100	Organic, black										
	1+25	100	" "										
	1+00	100	" "										
	0+75	50	brown, organic rich										
	0+50	50	orange-brown, B										
	0+25	50	grey-brown, clay mud										
DUPLICATE	3+75	5	orangey-grey, B										

L 1+00 west side

FAIRBANK ENGINEERING LTD

AREA:
COLLECTOR:
DATE: Nov. 14

CLIENT:
PROJECT:
MAP:

SAMPLE SUMMARY

SAMPLE NUMBER	LOCATION	depth	REMARKS	TYPE	LAB. ANALYSIS								
MUTF	1+00N, 0+25W	60cm	Brown										
	0+50	60	Brown gravelly, sand										
	0+75	50	Brown mud, swamp										
	1+00	20	grey brown, organic, hit rock										
	1+25	40	Brown mud										
	1+50	50	grey, brown, organic										
	1+75	20	Brown, hit rock										
	2+00	50	" organic										
	2+25	40	Brown, sandy, hit rock										
	2+50	30	grey mud.										
	2+75	50	brown mud										
	3+00	50	orange grey clay										
	3+25	80	orange grey clay										
	3+50	80	grey brown, clayey mud										
	3+75	30	grey mud										
	4+00	20	brown mud, hit rock, organic rich										
	4+25	30	brown mud, hit rock										
	4+50	50	brown mud, organic rich, hit rock										
	4+75	40	organic, hit rock										
	5+00	50	brown, sandy mud										

G.B.F.

L 1+00 East side

FAIRBANK ENGINEERING LTD

AREA:
COLLECTOR:
DATE: Nov. 13, 14

CLIENT:
PROJECT:
MAP:

SAMPLE SUMMARY

SAMPLE NUMBER	LOCATION	Depth	REMARKS	TYPE	LAB. ANALYSIS								
MUTF	1+00N, 0+25E	40	brown, slightly orange, B										
	0+50	20cm	grey mud, hit rock										
	0+75	40	brown-grey, rocky sand										
	1+00	30	greyish clay mud										
	1+25	75	orange-green-brown, sandy mud										
	1+50	30	orangy brown										
	1+75	60	brown mud										
	2+00	30	orangy brown										
	2+25	40	brown mud										
	2+50	40	grey clay mud										
	2+75	30	black sandy mud (2m from road)										
	3+00	30	Black mud, hit rock										
	3+25	50	brown + grey mud										
	3+50	30	Light Brown & gravelly, orange brown										
	3+75	30	orangey grey clay										
	4+00	80	grey clay										
	4+25	1m	Black organic mud										
	4+50	90	grey mud										
	4+75	30	orangey Brown sand										
	5+00	80	grey mud, swamp										
DUPLICATE	0+25	40	brown, slightly ~~organic~~ orange, B										

Gram 71

G.S.F.

L 2+00 N, WEST side

FAIRBANK ENGINEERING LTD

AREA:
COLLECTOR:
DATE:
CLIENT:
PROJECT:
MAP:

SAMPLE SUMMARY

SAMPLE NUMBER	LOCATION		REMARKS	TYPE	LAB. ANALYSIS								
MUTF	L 2+00	0+25 W	50	brown, muddy clay									
		0+50	50cm	Brown mud, organic									
		0+75	50	Brown mud, organic rich									
		1+00	40	Grey/brown organic									
		1+25	50	organic, hit rock									
		1+50	60	grey/brown mud hit rock									
		1+75	80	brown, organic									
		2+00	100	grey clay									
		2+25	75	grey clay									
		2+50	30	light brown mud									
		2+75	50	brown, organic rich									
		3+00	50	brown, organic rich									
		3+25	50	brown, organic rich									
		3+50	50	grey mud									
		3+75	50	brown mud									
		4+00	50	brown mud									
		4+25	75	brown mud; organic rich									
		4+50	100	dark brown, organic									
		4+75	75	brown mud									
		5+00	50	brown; organic rich									

L2+00N, EAST Side

FAIRBANK ENGINEERING LTD

AREA: _____ CLIENT: _____
COLLECTOR: _____ PROJECT: _____
DATE: _____ MAP: _____

SAMPLE SUMMARY

SAMPLE NUMBER	LOCATION	Depth	REMARKS	TYPE	LAB. ANALYSIS								
MUTF	2+00N, 5+00E	30cm	Brown gravel										
	4+75E	40	mangy brown gravel										
	4+50	60	Black organic rich										
	4+25	50	grey mud, swamp										
	4+00	40	grey, black organic mud										
	3+75	40	grey, orangey, clay										
	3+50	50	grey mud										
	3+25	60	grey brown, organic rich										
	3+00	80	Black organic mud										
	2+75	50	orange-brown mud										
	2+50	30	Black, organic rich, hit rock										
	2+25	75	dark brown, sandy mud										
	2+00	30	Brown, organic										
	1+75	50	brown mud, organic rich										
	1+50	90	Brown, organic										
	1+25	50	light brown mud										
	1+00	80	Brown, organic hit rock										
	0+75	60	brown, slightly organic, sandy mud										
	0+50	60	Brown, organic hit rock										
	0+25	50	light brown mud										

L 3+00N, west side.

FAIRBANK ENGINEERING LTD

AREA:
COLLECTOR:
DATE:
CLIENT:
PROJECT:
MAP:

SAMPLE SUMMARY

SAMPLE NUMBER	LOCATION	depth (cm)	REMARKS	TYPE	LAB. ANALYSIS								
	3+00N, 5+00W	60	grey mud										
	4+75	50	grey-brown mud										
	4+50	75	orange-brown, B										
	4+25	50	brown mud										
	4+00	100	brown, organic										
	3+75	100	" "										
	3+50	100	" "										
	3+25	100	" "										
	3+00	100	" "										
	2+75	50	brown mud, organic rich										
	2+50	50	" " " "										
	2+25	50	" " " "										
	2+00	100	" " " "										
	1+75	30	brown mud.										
	1+50	50	orange-brown mud										
	1+25	75	brown mud										
	1+00	50	grey mud										
	0+75	75	" "										
	0+50	50	green-brown sandy mud										
	0+25	50	grey mud										
DUPLICATE	5+00	60	grey mud.										

G.S.P.

L3+00N EAST SIDE

FAIRBANK ENGINEERING LTD

AREA:
COLLECTOR:
DATE:
CLIENT:
PROJECT:
MAP:

SAMPLE SUMMARY

SAMPLE NUMBER	LOCATION	DEPTH cm	REMARKS	TYPE	LAB. ANALYSIS								
MUTF	L3+00N, 5+00 E	30	Grey Black, organic										
	4+75	40	orangey, grey, Brown, gravel										
	4+50	30	grey, little orangey										
	4+25	20	Black grey organic										
	4+00	30	orangey grey										
	3+75	60	hit rock, Black grey organic										
	3+50	50	grey, little orangey										
	3+25	30	Black organic										
	3+00	70	Black organic swamp										
	2+75	40	Black Brown mud										
	2+50	30	" " "										
	2+25	40	Brown organic										
	2+00	40	Black Brown mud										
	1+75	50	Brown organic hit rock										
	1+50	30	Grey Clay										
	1+25	30	Brown organic hit rock										
	1+00	40	Grey Brown mud hit rock										
	0+75	30	Black, Brown, organic										
	0+50	20	Brown organic hit rock										
	0+25	40	Brownish grey										

G.B.F.

L 7+00N EASTSIDE

FAIRBANK ENGINEERING LTD

AREA: _____ CLIENT: _____
COLLECTOR: _____ PROJECT: _____
DATE: _____ MAP: _____

SAMPLE SUMMARY

SAMPLE NUMBER	LOCATION		REMARKS	TYPE	LAB. ANALYSIS								
MUT F	L7+00N 0+25E	40	Grey Brown										
	0+50	30	hit rock Brown mud										
	0+75	10	" " " grey										
	1+00	40	Grey Brown										
	1+25	60	" "										
	1+50	70	Green clay										
	1+75	70	" "										
	2+00	60	Greenish grey mud										
	2+25	50	hit rock Brown organic										
	2+50	60	" " " "										
	2+75	50	Brownish grey										
	3+00	60	hit rock Brownish grey										
	3+25	70	" " Black little organic										
	3+50	20	" " Brown grey mud										
	3+75	40	" " "										
	4+00	10	" " "										
	4+25	20	" " "										
	4+50	60	Brown little orange										
	4+75	50	Orangey Brown										
	5+00	20	hit rock Black organic										
DUPLICATE	1+75	70	green clay										

L 8+00N, west side

FAIRBANK ENGINEERING LTD

AREA:
COLLECTOR:
DATE:
CLIENT:
PROJECT:
MAP:

SAMPLE SUMMARY

SAMPLE NUMBER	LOCATION		REMARKS	TYPE	LAB. ANALYSIS								
	8+00N, 0+25W	75	orange-brown dirt										
	0+50	50	brown mud & grey clay										
	0+75	50	grey-brown mud										
	1+00	50	brown mud, organic rich										
	1+25	50	brown mud										
	1+50	50	brown mud										
	1+75	75	grey-brown mud										
	2+00	40	brown mud										
	2+25	60	" "										
	2+50	50	" "										
	2+75	100	blue-grey clay										
	3+00	50	green-brown dirt										
	3+25	30	brown sandy mud										
	3+50	100	brown + some orange mud										
	3+75	40	grey brown sandy mud										
	4+00	50	grey mud										
	4+25	40	orange-brown dirt										
	4+50	50	brown & orange dirt										
	4+75	50	grey-brown sandy mud										
	5+00	30	grey-brown mud										

L 8+00 EAST side

FAIRBANK ENGINEERING LTD

AREA:
COLLECTOR:
DATE:
CLIENT:
PROJECT:
MAP:

SAMPLE SUMMARY

SAMPLE NUMBER	LOCATION	DEPTH	REMARKS	TYPE	LAB. ANALYSIS								
MUTF	L8+00N 0+25E	50	Black Brown mud bit Rock										
	0+50	10	Grey Brown, little organic										
	0+75	30	Brown organic bit Rock										
	1+00	30	" " " "										
	1+25	70	Green clay										
	1+50	30	Black organic swamp										
	1+75	40	" " "										
	2+00	20	Dark Brown mud										
	2+25	20	Grey mud										
	2+50	50	Black Brown little organic										
	2+75	60	Brown " "										
	3+00	50	Brownish Grey										
	3+25	40	Grey Brown										
	3+50	30	Light Brown mud										
	3+75	40	Greyish Brown "										
	4+00	70	Green clay										
	4+25	50	Brown mud										
	4+50	40	" "										
	4+75	20	Grey gravelly mud										
	5+00	30	" " "										
Duplicate	1+25	70	green clay										

G.S.F.

L 9+00N, west side

FAIRBANK ENGINEERING LTD

AREA:
COLLECTOR:
DATE:
CLIENT:
PROJECT:
MAP:

SAMPLE SUMMARY

SAMPLE NUMBER	LOCATION		REMARKS	TYPE	LAB. ANALYSIS								
	9+00N, 5+00W	30	brown mud										
	4+75	40	" "										
	4+50	60	" "										
	4+25	50	brown sandy mud										
	4+00	30	brown mud										
	3+75	50	" "										
	3+50	50	" "										
	3+25	50	" "										
	3+00	50	brown sandy mud										
	2+75	100	brown & grey clay										
	2+50	50	brown mud										
	2+25	50	brown-grey mud										
	2+00	50	brown mud										
	1+75	75	dark brown mud, organic rich										
	1+50	50	brown mud										
	1+25	50	grey brown mud										
	1+00	100	orange-brown mud										
DUPLICATE	1+00	100	" " "										
	0+75	100	grey clay										
	0+50	50	brown sandy mud										
	0+25	100	orange + brown dirt										

L 9+00N, east side

FAIRBANK ENGINEERING LTD

AREA:
COLLECTOR:
DATE:
CLIENT:
PROJECT:
MAP:

SAMPLE SUMMARY

SAMPLE NUMBER	LOCATION		REMARKS	TYPE	LAB. ANALYSIS								
	9+00N, 5+00E	60	brown mud										
	4+75	50	" " , organic rich										
	4+50	50	" " " "										
	4+25	50	" " " "										
	4+00	100	orange & gray sandy clay										
	3+75	100	brown muddy clay										
	3+50	50	brown sandy mud										
	3+25	50	brown mud										
	3+00	50	" "										
	2+75	20	Greyish Brown mud										
	2+50	40	Dark Brown mud										
	2+25	40	Grey mud										
	2+00	60	Brown organic swamp										
	1+75	40	Grey gravelly mud										
	1+50	20	light Brown mud										
	1+25	30	Black organic swamp										
	1+00	10	Brown mud hit rock										
	0+75	40	Grey mud										
	0+50	50	Black organic swamp										
M/m	0+25	30	ORANGE BROWN dirt										

L 6+00N, west side

FAIRBANK ENGINEERING LTD

AREA:
COLLECTOR:
DATE:
CLIENT:
PROJECT:
MAP:

SAMPLE SUMMARY

SAMPLE NUMBER	LOCATION	depth (cm)	REMARKS	TYPE	LAB. ANALYSIS								
	6+00N, 0+25W	50	Brown mud + a little orange-brown dirt										
	0+50	50	Brown & orange-brown dirt										
	0+75	50	Black sandy mud, organic rich										
	1+00	15	Dark brown mud, slightly organic										
	1+25	30	Brown (slightly orange) sandy mud										
	1+50	30	" " " " "										
	1+75	50	orange-brown dirt										
	2+00	30	" " "										
	2+25	75	brown sandy mud, organic rich										
	2+50	30	grey-brown sandy mud										
	2+75	50	grey-brown mud										
	3+00	50	brown mud, organic rich										
	3+25	40	brown (slightly orange) sandy mud										
	3+50	20	orange-brown dirt										
	3+75	50	brown mud										
	4+00	50	" "										
	4+25	100	orange brown										
	4+50	100	brown sandy mud										
	4+75	100	" " "										
	5+00	30	grey mud										
DUPLICATE	2+00	30	orange-brown dirt										

L 6+00 EAST SIDE

FAIRBANK ENGINEERING LTD

AREA:
COLLECTOR:
DATE:
CLIENT:
PROJECT:
MAP:

SAMPLE SUMMARY

SAMPLE NUMBER	LOCATION	DEPTH	REMARKS	TYPE	LAB. ANALYSIS								
NUTP	L6+00 N, 0+25 E	30cm	Grey Black little organic										
	0+50 E	50	" " " "										
	0+75	40	DARK Brown mud										
	1+00	40	Grey Brown little orangey										
	1+25	70	Greyish green clay										
	1+50	50	Brown gravelly mud										
	1+75	70	ORANGE mud little grey										
	2+00	80	Green clay little orange										
	2+25	70	" "										
	2+50	60	Grey Brown little orange										
	2+75	50	" " " "										
	3+00	40	Green clay										
	3+25	40	Brown mud										
	3+50	60	Grey mud										
	3+75	70	Brown mud										
	4+00	80	Black organic rich										
	4+25	1	Brown " "										
	4+50	1	" " "										
	4+75	50	" " " hit rock										
	5+00												

L 7+00N, west side

FAIRBANK ENGINEERING LTD

AREA:
COLLECTOR:
DATE:

CLIENT:
PROJECT:
MAP:

SAMPLE SUMMARY

SAMPLE NUMBER	LOCATION	depth	REMARKS	TYPE	LAB. ANALYSIS								
	7+00N, 5+00W	100	Brownish black mud, organic rich										
	4+75	100	Black, organic										
	4+50	75	grey-brown mud										
	4+25	75	orange-brown dirt										
	4+00	20	" " "										
	3+75	50	" " mud										
	3+50	50	brown mud										
	3+25	100	blue-grey, sandy mud										
	3+00	75	orange & gray clay										
	2+75	100	green-grey clay										
DUPLICATE	2+75	100	" " "										
	2+50	75	orange-brown dirt										
	2+25	50	brown sandy mud										
	2+00	50	brown-black sandy mud										
	1+75	75	orange & brown mud										
	1+50	50	brown mud										
	1+25	100	grey clay										
	1+00	60	brown mud										
	0+75	100	orange-brown clay										
	0+50	50	brown sandy mud										
	0+25	30	dark brown, organic rich										

LOCATION LINE SURVEY OF 2 POST MINERAL CLAIMS BRE #1 TO BRE #30 INCLUSIVE AND WOOF FRACTION, SKEENA MINING DIVISION, QUEEN CHARLOTTE DISTRICT.

B.C.G.S. 103 F. 059

SCALE, 1:5000

0 50 100 200 300 400 500m

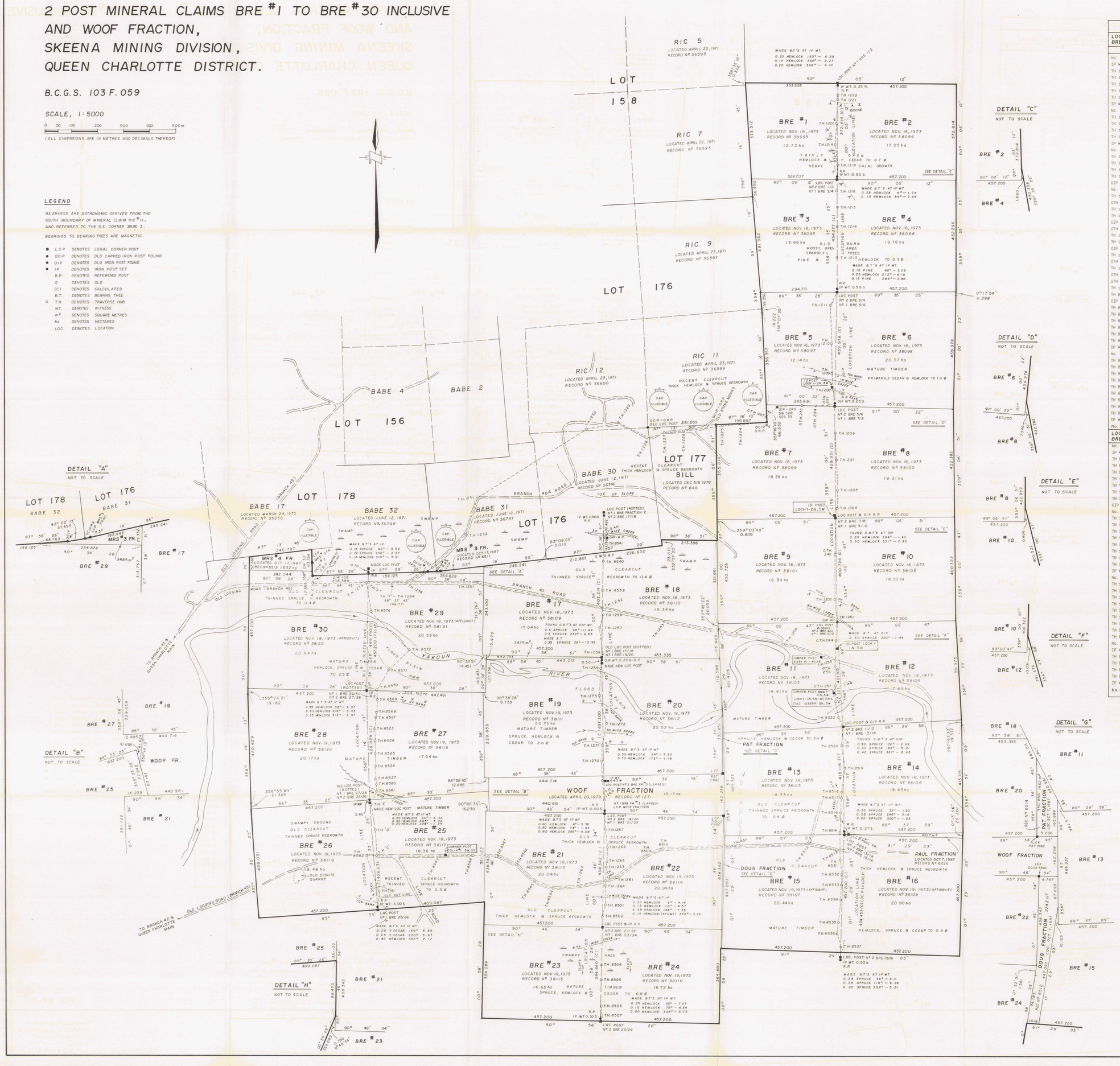
(ALL DIMENSIONS ARE IN METRES AND DECIMALS THEREOF)

LEGEND

BEARINGS ARE ASTRONOMIC DERIVED FROM THE SOUTH BOUNDARY OF MINERAL CLAIM RIC #11, AND REFERRED TO THE S.E. CORNER BABE 3.

BEARINGS TO BEARING TREES ARE MAGNETIC.

■	L.C.P	DENOTES LEGAL CORNER POST
●	OCIP	DENOTES OLD CAPPED IRON POST FOUND
●	O.I.P	DENOTES OLD IRON POST FOUND
●	I.P	DENOTES IRON POST SET
	R.P	DENOTES REFERENCE POST
	O	DENOTES OLD
	(C)	DENOTES CALCULATED
	B.T.	DENOTES BEARING TREE
○	T.H.	DENOTES TRAVERSE HUB
	WT.	DENOTES WITNESS
	m^2	DENOTES SQUARE METRES
	ha	DENOTES HECTARES
	LOC.	DENOTES LOCATION



TRAVERSE TABLE

LOCATION LINES BRE 1/2, BRE 3/4, BRE 5/6, BRE 7/8, BRE 9/10, BRE 11/12, BRE 13/14, BRE 15/16

STATION	BEARING	DISTANCE
No. 1 BRE 1/2	180° 00' 00"	0.250
IP WT 0.25 N	175° 38' 40"	44.694
TH 1222	184° 24' 00"	15.844
TH 1221	182° 06' 00"	90.288
TH 1220	183° 43' 10"	83.169
TH 1219	171° 50' 25"	79.613
TH 1218	185° 05' 45"	60.111
IP WT 0.30 S.	180° 00' 00"	0.300
No. 2 BRE 1/2 No.1 BRE 3/4	180° 12' 55"	39.834
TH 1216	175° 41' 50"	62.963
TH 1215	180° 39' 35"	75.047
TH 1214	180° 27' 45"	120.853
TH 1213	179° 50' 35"	135.256
IP WT 0.50 S.	180° 00' 00"	0.500
No. 2 BRE 3/4, No.1 BRE 5/6	206° 50' 30"	54.206
TH 1211	177° 37' 40"	147.688
TH 1210	179° 12' 40"	114.579
TH 1209	175° 04' 40"	64.680
TH 1208	176° 53' 45"	64.819
OIP WT 0.25 S.	180° 00' 00"	0.250
No. 2 BRE 5/6, No. 1 BRE 7/8	176° 43' 05"	101.152
TH 1206	177° 51' 25"	102.964
TH 237	177° 44' 05"	118.000
TH 1205	180° 52' 25"	67.420
TH 1204	189° 15' 30"	41.218
OIP No. 2 BRE 7/8, No.1 BRE 9/10	180° 08' 50"	138.586
OTH 240	180° 17' 30"	173.283
TH 1202	177° 26' 20"	83.741
TH 1201	139° 27' 30"	6.767
OIP No. 2 BRE 9/10, No.1 BRE 11/12	319° 27' 30"	6.767
TH 1201	178° 44' 25"	75.077
OTH 244	182° 11' 40"	74.093
TH 1255	181° 11' 15"	27.601
OTH 256	179° 08' 45"	71.832
OTH 257	179° 55' 05"	61.280
TH 1	168° 28' 15"	62.566
TH 8522	153° 53' 40"	38.641
OIP No. 2 BRE 11/12, No.1 BRE 13/14	183° 26' 30"	74.400
TH 8520	171° 44' 35"	86.629
TH 8519	186° 41' 50"	91.564
TH 8518	184° 07' 50"	22.832
TH 8517	182° 59' 10"	57.137
TH 8516	182° 01' 40"	76.500
TH 8514	113° 15' 55"	19.181
IP WT 0.25 S.	180° 00' 00"	0.250
No. 2 BRE 13/14, No.1 BRE 15/16	293° 56' 50"	19.281
TH 8514	180° 02' 55"	68.002
TH 8513	177° 14' 05"	39.158
TH 8531	173° 03' 45"	55.010
TH 8532	182° 32' 55"	42.368
TH 8533	181° 59' 05"	58.142
TH 8534	186° 20' 50"	86.134
TH 8595	186° 29' 40"	45.600
TH 8536	159° 55' 05"	54.618
TH 8537	184° 54' 30"	38.797
IP WT 0.90 N.	00° 00' 00"	0.900
No. 2 BRE 15/16		

LOCATION LINES BRE 17/18, BRE 19/20 BRE 21/22, BRE 23/24

STATION	BEARING	DISTANCE
No. 2 BRE 17/18	180° 00' 00"	0.500
IP WT 0.50 N.	180° 35' 15"	123.219
TH 8541	180° 49' 25"	63.590
TH 8540	180° 17' 25"	112.576
TH 8539	182° 25' 05"	67.284
TH 1252	172° 58' 55"	25.921
TH 1256	193° 52' 25"	51.979
TH 1257	173° 08' 20"	101.897
TH 1258	194° 43' 55"	14.138
OIP WT 0.50 N.	0° 00' 00"	0.200
No. 1 BRE 17/18, No. 1 BRE 19/20	14° 56' 25"	13.945
TH 1258	187° 41' 55"	56.098
TH 1259	182° 24' 05"	104.247
TH 1273	165° 39' 10"	110.146
TH 1272	190° 36' 00"	85.255
TH 1271	181° 46' 50"	61.229
TH 1270	176° 15' 45"	150.703
TH 1269	176° 44' 35"	47.527
TH 1268	177° 12' 05"	5.885
IP WT 0.40 S.	180° 00' 00"	0.400
No. 1 BRE 21/22, No.2 BRE 19/20, LCP WOOF FR.	357° 22' 45"	6.285
TH 1268	178° 48' 05"	66.543
TH 1267	172° 23' 10"	68.924
TH 1266	182° 43' 00"	56.682
TH 1265	184° 39' 35"	19.245
TH 1263	193° 12' 45"	54.293
TH 1260	183° 12' 35"	18.596
TH 1264	178° 54' 25"	73.900
TH 8501	196° 11' 50"	48.577
TH 8502	173° 58' 00"	40.850
No. 2 BRE 21/22, No.1 BRE 23/24	0° 00' 00"	0.300
IP WT 0.30 S.	181° 26' 35"	146.335
TH 8504	182° 20' 30"	58.147
TH 8505	179° 58' 00"	101.098
TH 8506	175° 14' 05"	43.292
TH 8507	193° 11' 50"	16.639
IP WT 0.30 S.	180° 00' 00"	0.300
No. 2 BRE 23/24		

LOCATION LINES BRE 25/26, BRE 27/28, BRE 29/30

STATION	BEARING	DISTANCE
No. 1 BRE 25/26	0° 00' 00"	4.000
IP WT 4.00 S.	4° 43' 50"	68.539
TH 151	339° 43' 25"	148.417
TH 8582	90° 12' 40"	38.209
TH C	357° 26' 50"	99.490
TH D	350° 53' 05"	100.976
TH E	340° 40' 55"	15.126
IP No. 2 BRE 25/26, No.1 BRE 27/28	160° 40' 55"	15.126
TH E	22° 24' 15"	54.666
TH 8581	359° 41' 25"	25.481
TH 8580	351° 03' 45"	21.040
TH 8527	1° 31' 05"	50.119
TH 8526	357° 29' 05"	49.613
TH 8525	359° 06' 20"	47.595
TH 8524	356° 19' 50"	45.747
TH 8523	7° 25' 40"	43.846
TH 8568	8° 35' 10"	21.107
TH 8569	3° 10' 00"	49.075
TH 8570	352° 58' 25"	35.600
IP No. 2 BRE 27/28, No.1 BRE 29/30	264° 45' 20"	38.194
TH 8570	84° 45' 20"	38.194
TH 8571	30° 42' 10"	92.016
TH 8572	45° 57' 10"	109.690
TH 8576	314° 41' 00"	208.582
TH 1279	351° 14' 40"	113.847
TH F	89° 57' 45"	6.458
IP WT 0.70 N.	0° 38' 05"	39.106
No 2 BRE 29/30	0° 00' 00"	0.700

TRAVERSE ALONG BRANCHES 40A & 40 ROADS

STATION	BEARING	DISTANCE
OIP WT 0.25 S.	285° 25' 15"	22.664
OTH 235	266° 34' 20"	49.431
OTH 234	272° 05' 00"	52.528
OTH 233	265° 12' 50"	111.040
OIP S.W. CORNER SEC.33, TP.7	219° 06' 50"	46.315
OTH 997	171° 59' 35"	22.071
OCIP #4 S.E CORNER RIC #11	266° 07' 05"	97.991
TH 1224	265° 24' 10"	70.477
TH 1225	261° 44' 40"	151.904
TH 1226	265° 24' 50"	73.464
TH 1227	248° 37' 00"	59.465
TH 1228	295° 42' 50"	133.819
TH 1229	258° 29' 00"	125.412
TH 1230	237° 23' 10"	494.938
TH 1231	197° 12' 25"	146.949
TH 1232	224° 59' 50"	182.109
TH 1233	239° 12' 15"	112.978
TH 1234	89° 42' 20"	271.789
TH 1251	101° 18' 50"	486.423
TH 1252	101° 58' 30"	243.745
TH 1253	100° 21' 40"	474.481
TH 1254	107° 31' 45"	200.390
T.H.1255		

TRAVERSE ALONG BRANCH 43 ROAD

STATION	BEARING	DISTANCE
TH C	90° 12' 40"	244.109
TH 8549	88° 23' 45"	123.324
TH 8548	91° 27' 00"	100.026
TH 8547	115° 21' 55"	79.408
TH 8546	132° 56' 05"	94.849
TH 8545	109° 34' 45"	74.156
TH 8544	85° 12' 25"	95.222
TH 1262	78° 18' 45"	109.225
TH 1260	73° 48' 05"	42.360
TH 1261	52° 51' 00"	146.821
TH 8509	67° 42' 30"	59.083
TH 8510	87° 31' 00"	271.257
TH 8511	87° 49' 35"	295.576
TH 8512	100° 32' 55"	123.162
TH.8513		

I, PAUL BARTLETT A BRITISH COLUMBIA LAND SURVEYOR OF SURREY IN BRITISH COLUMBIA, CERTIFY THAT I WAS PRESENT AT AND PERSONALLY SUPERINTENDED THE SURVEY REPRESENTED BY THIS PLAN AND THAT THE SURVEY AND PLAN ARE CORRECT. THE SURVEY WAS COMPLETED ON THE 18th DAY OF OCTOBER, 1987.

Paul Bartlett B.C.L.S.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,015

FIG. 87-1

McELHANNEY ASSOCIATES
PROFESSIONAL LAND SURVEYORS
13160 - 88th AVENUE
SURREY, B.C. V3W 3K3
FILE 502 00656 - 2

LOCATION LINE SURVEY OF 2 POST MINERAL CLAIMS BRE # 33 TO BRE # 50 INCLUSIVE AND BRE #1 FRACTION

SKEENA MINING DIVISION

QUEEN CHARLOTTE DISTRICT

B.C.G.S. 103 F.059

SCALE, 1 : 5000

0 50 100 200 300 400 500 m

(ALL DIMENSIONS ARE IN METRES AND DECIMALS THEREOF)

LEGEND

BEARINGS ARE ASTRONOMIC DERIVED FROM THE EAST BOUNDARY OF MINERAL CLAIM BABE #15 AND REFERRED TO THE S.E. CORNER BABE #3

BEARINGS TO BEARING TREES ARE MAGNETIC

- LOC. POST DENOTES LOCATION POST
- L.C.P. DENOTES LEGAL CORNER POST
- O.CIP DENOTES OLD CAPPED IRON POST FOUND
- O.I.P. DENOTES OLD IRON POST FOUND
- I.P. DENOTES IRON POST SET
- R.P. DENOTES REFERENCE POST
- O DENOTES OLD
- (C) DENOTES CALCULATED
- B.T. DENOTES BEARING TREE
- T.H. DENOTES TRAVERSE HUB
- WT DENOTES WITNESS
- m DENOTES SQUARE METRES
- ha. DENOTES HECTARES

TRAVERSE TABLE

LOCATION LINES BRE 33/34, BRE 35/36, BRE 37/38

STATION	BEARING	DISTANCE
No. 1 BRE 33/34	175° 29' 45"	5.000
OCIP WT 5.0 N	66° 17' 45"	16.828
TH 8587	347° 37' 45"	67.035
TH 8588	347° 21' 45"	40.226
TH 8590	345° 14' 45"	98.870
TH 8591	3° 31' 35"	112.458
TH 8592	339° 58' 20"	35.790
TH 8593	28° 29' 55"	49.899
TH 8594	14° 23' 55"	25.391
IP WT 1.00 S	180° 00' 00"	1.000
No. 2 BRE 33/34, No. 1 BRE 35/36	194° 59' 00"	24.424
TH 8594	14° 13' 05"	78.275
TH 8595	359° 09' 05"	144.326
TH 8596	359° 45' 45"	67.463
TH 8597	7° 07' 25"	77.781
TH 8598	351° 34' 50"	42.868
TH 8599	344° 17' 50"	49.723
IP WT 1.85 S	180° 00' 00"	1.850
No. 2 BRE 35/36, No. 1 BRE 37/38	359° 45' 55"	34.151
TH 101	354° 42' 10"	35.550
TH 102	12° 47' 10"	69.981
TH 103	338° 25' 45"	79.142
TH 104	346° 36' 45"	52.738
TH 105	5° 37' 05"	81.528
TH 106	13° 37' 05"	55.045
TH 107	2° 45' 55"	39.874
IP WT 1.00 N	0° 00' 00"	1.00
No. 2 BRE 37/38		

LOCATION LINES BRE 39/40, BRE 41/42, BRE 43/44

STATION	BEARING	DISTANCE
No. 2 BRE 43/44	180° 00' 00"	1.000
IP WT 1.00 N	349° 50' 15"	76.893
TH 120	82° 26' 45"	63.390
TH 113	334° 32' 30"	67.293
TH 121	339° 43' 00"	152.709
TH 122	351° 24' 55"	88.399
TH 123	25° 33' 35"	82.719
TH 124	9° 25' 35"	8.427
IP WT 1.00 S	180° 00' 00"	1.000
No. 1 BRE 43/44, No. 2 BRE 41/42	190° 41' 25"	7.442
TH 124	1° 06' 30"	48.276
TH 125	349° 17' 45"	74.342
TH 126	353° 38' 20"	71.507
TH 127	20° 17' 55"	50.163
TH 128	356° 27' 10"	130.291
TH 129	6° 50' 10"	52.941
TH 130	353° 39' 40"	26.475
IP WT 5.00 S	180° 00' 00"	5.000
No. 1 BRE 41/42, No. 2 BRE 39/40	172° 11' 45"	21.512
TH 130	354° 37' 45"	93.840
TH 131	11° 02' 20"	76.846
TH 132	3° 49' 35"	95.404
TH 133	12° 40' 35"	75.023
TH 134	353° 15' 45"	51.225
TH 135	343° 44' 35"	70.380
IP WT 1.00 N	0° 00' 00"	1.000
No. 1 BRE 39/40		

LOCATION LINES BRE 49/50, BRE 47/48, BRE 45/46

STATION	BEARING	DISTANCE
No. 2 BRE 49/50	180° 00' 00"	1.000
IP WT 1.00 N	328° 05' 45"	8.587
TH 2	347° 39' 10"	14.545
TH 1	359° 40' 50"	144.840
TH 8578	7° 10' 45"	353.912
TH 141	213° 49' 45"	81.000
IP WT 1.00 S	180° 00' 00"	1.000
No. 1 BRE 49/50, No. 2 BRE 47/48	33° 26' 20"	81.832
TH 141	351° 19' 15"	199.639
TH 142	341° 02' 50"	91.875
TH 143	4° 45' 20"	88.770
IP WT 1.00 N	4° 45' 20"	1.000
No. 1 BRE 47/48, No. 2 BRE 45/46	4° 45' 20"	16.187
TH 144	11° 04' 50"	74.686
TH 145	339° 39' 35"	48.405
TH 146	354° 10' 45"	66.877
TH 147	358° 44' 35"	103.561
TH 148	1° 59' 45"	77.643
TH 149	357° 02' 35"	34.237
IP WT 1.00 N	0° 00' 00"	1.000
No. 1 BRE 45/46		

TRAVERSE ALONG EXISTING LOT 235 AND LOT 157 BOUNDARIES

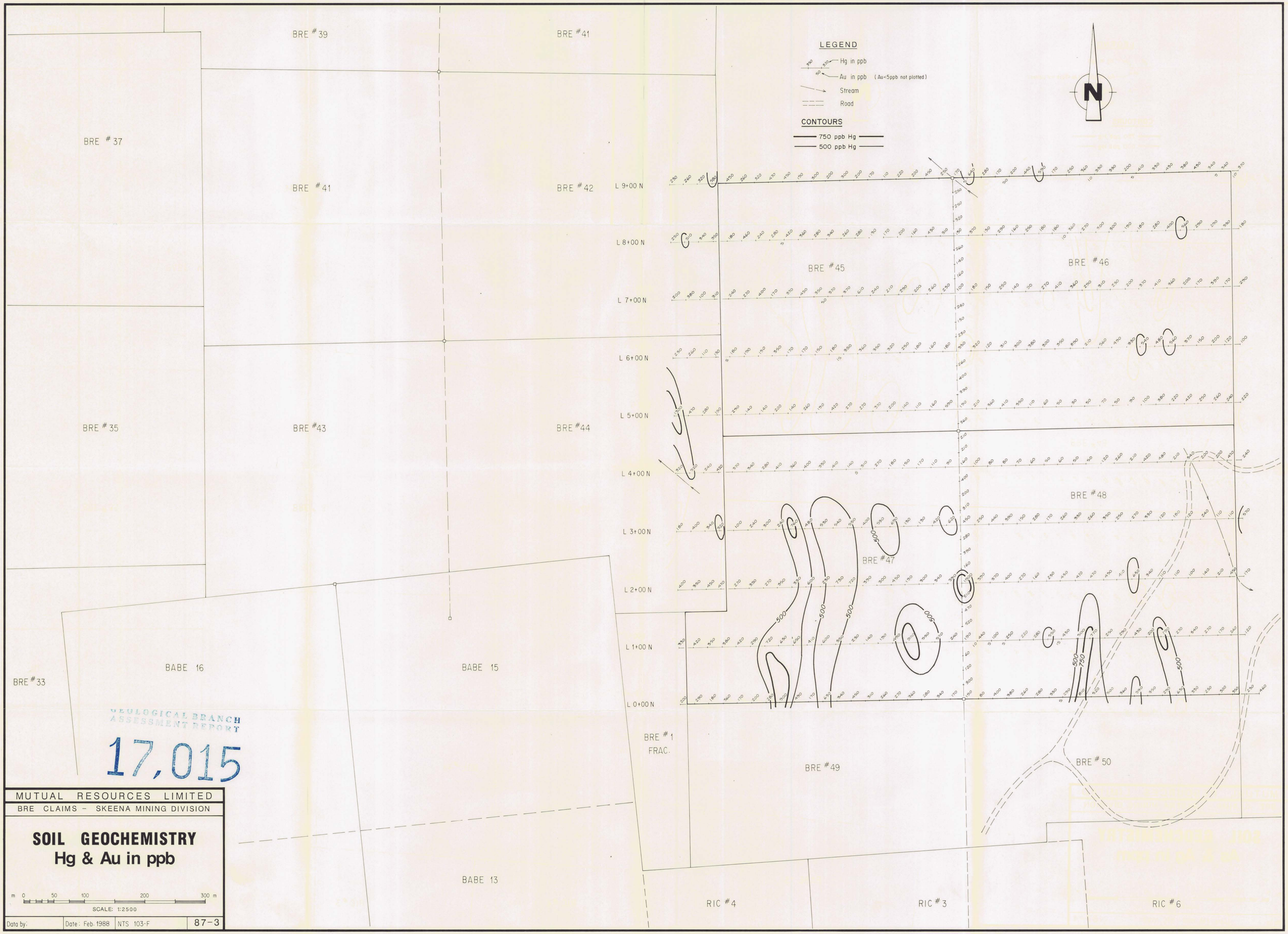
STATION	BEARING	DISTANCE
TH 8587	86° 41' 55"	101.870
TH 8589	86° 12' 20"	95.985
TH 110	86° 18' 15"	29.521
OCIP (3)	354° 22' 30"	170.206
TH 111	354° 25' 30"	158.248
OCIP (4)	84° 18' 15"	59.528
OTH 16	84° 23' 45"	299.538
OTH 18	83° 27' 15"	53.173
TH 112	86° 06' 20"	44.219
OCIP WT	83° 45' 40"	99.976
OTH 815	84° 37' 40"	65.758
OTH 816	82° 26' 45"	13.752
TH 120	82° 26' 45"	63.390
TH 113	86° 53' 05"	58.530
TH 114	81° 19' 30"	73.400
TH 115	92° 59' 25"	37.001
TH 116	81° 34' 45"	45.709
OCIP (4)	174° 16' 25"	115.548
TH 4	174° 16' 25"	115.758
TH 117	175° 45' 00"	42.668
TH 118	172° 44' 10"	57.418
TH 119	175° 04' 10"	75.610
OCIP (5)	191° 10' 30"	49.973
TH 3	161° 45' 55"	71.445
OIP	249° 07' 25"	1178.377
TH 8577	347° 32' 20"	238.868
TH 8584	356° 04' 30"	71.323
TH 8585	1° 49' 40"	130.630
TH 8586	357° 40' 45"	75.495

I, PAUL BARTLETT A BRITISH COLUMBIA LAND SURVEYOR OF SURREY IN BRITISH COLUMBIA, CERTIFY THAT I WAS PRESENT AT AND PERSONALLY SUPERINTENDED THE SURVEY REPRESENTED BY THIS PLAN AND THAT THE SURVEY AND PLAN ARE CORRECT. THE SURVEY WAS COMPLETED ON THE 18th. DAY OF OCTOBER, 1987

Paul Bartlett B.C.L.S.

FIG. 87-2

McELHANNEY ASSOCIATES
PROFESSIONAL LAND SURVEYORS
13160 – 88th AVENUE
SURREY, B.C. V3W 3K3
FILE 502 00656-1



MUTUAL RESOURCES LIMITED

BRE CLAIMS - SKEENA MINING DIVISION

SOIL GEOCHEMISTRY
Hg & Au in ppb

m 0 50 100 200 300 m

SCALE: 1:2500

Data by:	Date: Feb. 1988	NTS 103-F	87-3


LEGEND
As in ppm
Ag in ppm (Ag ≤ 0.1 ppm not plotted)
Stream
Road
CONTOURS
60 ppm As
N
BRE # 39
BRE # 41
BRE # 37
BRE # 41
BRE # 42
BRE # 35
BRE # 43
BRE # 44
BRE # 33
BABE 16
BABE 15
BABE 13
BRE # 45
BRE # 46
BRE # 48
BRE # 47
BRE # 1 FRAC.
BRE # 49
BRE # 50
RIC # 4
RIC # 3
RIC # 6
L 9+00 N
L 8+00 N
L 7+00 N
L 6+00 N
L 5+00 N
L 4+00 N
L 3+00 N
L 2+00 N
L 1+00 N
L 0+00 N
GEOLOGICAL BRANCH
ASSESSMENT REPORT
17,015
MUTUAL RESOURCES LIMITED
BRE CLAIMS - SKEENA MINING DIVISION
SOIL GEOCHEMISTRY
As & Ag in ppm
m 0 50 100 200 300 m
SCALE: 1:2500
Data by:
Date: Feb. 1988
NTS 103-F
87-4