

ASSESSMENT REPORTS

WATSON LAKE M.D.

MAP No. 105 B 14 TYPE OF WORK: Geochemical

REPORT FILED UNDER	M. Holloway	
DATE PERFORMED	August 1 - August 3, 1984	DATE FILED: June 28, 1985
LOCATION - LAT.	60°46'N	
LONG.	131°03'W	
CLAIM Nos.	MATTHEW 1-6; YA71354-YA71355	
WORK DONE BY	K. Sax	
WORK DONE FOR	M. Holloway	
REMARKS	The area is covered by phyllite and limestone which is intruded by quartz porphyry dykes.	
091647	In August, 1984 an area of 130.15 m was stripped to an average depth of 0.76 m. Oxidized material was chip sampled for gold and silver analysis. A total of 41 soil, rock and chip samples were taken in the vicinity of the claims.	

48x 85 p. 67



GEOCHEMICAL REPORT

on the

MATTHEW 1-6 CLAIMS

First Anniversary - July 20, 1985

Latitude 60° 46',

Longitude 131° 03'

Claim Sheet 105 B-14

August 1-3, 1984

June 3-5, 1985

for: Mel Holloway

by: Kelinda Sax

09 16 47



This report has been examined by
the Geological Evaluation Unit
under Section 53 (4) Yukon Quartz
Mining Act and is allowed as
representation work in the amount
of \$ 2,300.00.



Regional Manager, Exploration and
Geological Services for Commissioner,
of Yukon Territory.

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CLAIM INFORMATIONLocation

The MATTHEW Claims are located in the southeast corner of the 105 B-14 Claim Sheet of the Watson Lake Mining District. The six claims are on Shootamook Creek, three miles upstream of the junction with Scurvy Creek, in the Liard River watershed. The center of the claims are at longitude 131°03' and latitude 60°46'.

<u>Claim Name</u>	<u>Grant Number</u>
MATTHEW 1	YA 71354
MATTHEW 2	YA 71355
MATTHEW 3	YA 71356
MATTHEW 4	YA 71357
MATTHEW 5	YA 71358
MATTHEW 6	YA 71359

Claims were staked on June 30, 1984 and recorded on July 20, 1984 by Mel Holloway. Claims were grouped on June , 1985. First anniversary date on all the MATTHEW Claims is July 20, 1985.

WATSON LAKE MINING DISTRICT
CLAIM SHEET 105B-14
MATTHEW CLAIMS



SCURVY
CREEK

SHOOTAMOOK CREEK

RED CREEK

2 YA71355	1 YA71354
MATTHEW	
4 YA71357	3 YA71356
6 YA71359	5 YA71358

1" = 0.5 MILE

131° 00'

60° 45'

STRIPPING

An area of 427 square feet on a 35° slope was stripped to an average depth of 2.5 feet in an attempt to reach fresh mineralization. The material moved was oxidized and shattered siliceous breccia overlying an outcrop on the south side of the junction of the Mat and Shootamook Creeks. Stripping was done by hand, using pry bars, picks, and shovels, by Mel Holloway on August 1, 2, and 3, 1984.

Solid bedrock was not reached. However, a chip sample of less oxidized mineralization (MAT - 36) was taken for Ag and Au analysis.

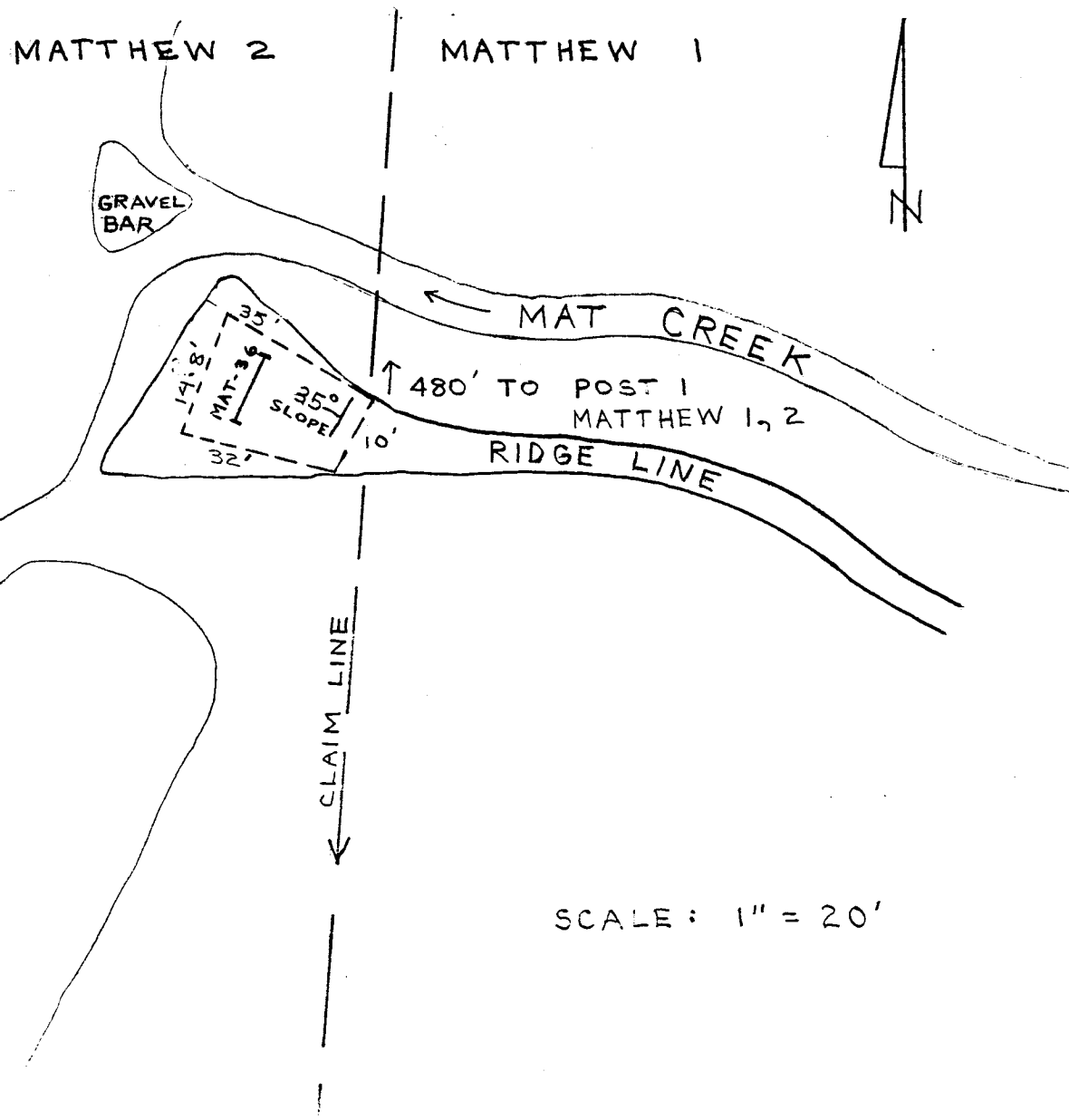
The following photograph shows a top side view of the area stripped, and Map 2 locates the area in plain view.



PHOTOGRAPH OF THE STRIPPED
AREA, TOP SIDE VIEW
LOOKING NORTH

MAP # 2

AREA OF STRIPPING



GEOCHEMISTRY

A total of 41 soil, rock, and chip samples were taken in the vicinity of Mat Creek. By atomic absorption and fire assaying techniques, they were analyzed for silver, gold, and some for arsenic. Two stream concentrate samples (PLACER 1 and 2) were taken in Mat Creek and analyzed for silver, gold, and tin.

Since there were too few samples to do a statistical derivation for threshold values, arbitrary values were selected as follows:

	<u>Background</u>	<u>Sub-anomalous</u>	<u>Anomalous</u>
Gold (ppb)	5-15	16-30	>30
Silver (ppm)	0.2-0.5	0.6-1.0	>1.0
Arsenic (ppm)	10-40	41-70	>70
Tin (ppm)	2-30	31-50	>50

The samples were collected by Linda Holloway, Matthew Holloway, and Kenneth Dawson on August 2 and 3, 1984. Dr. Dawson's report on the geochemical results follows.

Energy, Mines and
Resources CanadaÉnergie, Mines et
Ressources Canada

Science and Technology

Science et Technologie

29 August, 1984

Your file *Votre référence*Our file *Notre référence*

Mr. Mel Holloway
Mile 717 Alaska Highway
Watson Lake, Yukon
Y0A 1C0

Dear Mel:

I reviewed the results of rock, soil and silt assays from specimens collected August 2 and 3, 1984 from the MATHEW claims, Shootamook Creek, located in the north-western corner of the Wolf Lake sheet; 105B/14. All samples, with the exception of a selected high-grade sample (MAT 25) contained less than anomalous amounts of gold; in fact, three-quarters of the samples assayed at or below the detection limit of 5 ppb Au, proving negligible gold content.

One soil sample from a region of frost-heaved rhyolite dyke float on the south side of Red Creek (MAT 37) contains sufficient Au (35 ppb) and As (90 ppm) to warrant follow-up prospecting. The dyke zone exposed on the ridge north of Red Ck. should be examined, and additional soil samples taken in the area at the base of hills underlain by rhyolite dykes and related arsenopyrite-silica altered schist.

The selected arsenopyrite-pyrite rich specimen (MAT 25) contains considerably more Au (1200 ppb) and Ag (9.7 ppm) than the corresponding 10-foot chip samples MAT 21, which covered the same 2 feet of mineralization and assayed only 25 ppb Au and 0.6 ppm Ag; and MAT 22 (5 ppb Au, 0.5 ppm Ag). Therefore, a relatively narrow gold-rich structure exists at this locality, which possibly may project northwestward across Mat Ck. to the locality of samples MAT 32 and 33 where values of 15 and 25 ppb Au were recorded in silicified, pyritized and arsenopyrite-altered limy schist.

Gold values do not appear to follow the dykes or dyke contact zones exclusively. A direct correlation between arsenopyrite and gold or pyrite and gold has not been verified, since many sulphide-rich specimens contain negligible gold. Gold may be concentrated in veins that postdate the majority of the silica-pyrite-arsenopyrite mineralization that is related to emplacement of a set of northerly trending rhyolite dykes. Alternatively, gold may

...2/

Mr. Mel Holloway

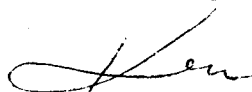
29 August, 1984

be deposited late in the SiO_2 - FeS_2 - FeAsS mineralization period, possibly with the most intense sulphide deposition.

In conclusion the low gold values over most of the area sampled reduce the mineral potential of the claim block, gold and silver do not correlate consistently with rhyolite dykes or silica-pyrite-arsenopyrite mineralization, and further prospecting and sampling is required before a drill target can be defined.

Good luck with your prospecting.

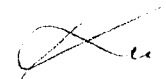
Best regards,



Ken Dawson

KD/bv

Mel - I've enclosed a sketch map of the sample locations, and a few notes I added to the assay sheets.





Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 Brooksbank Ave
 North Vancouver, B.C
 Canada V7J 2C1
 Telephone: (604) 984-0221
 Telex: 043-52597

CERTIFICATE OF ANALYSIS

TO : HOLLOWAY, MR. MEL

**

CERT. # : A8414842-001
 INVOICE # : I8414842
 DATE : 19-AUG-84
 P.O. # : NONE

717 ALASKA HIGHWAY
 WATSON LAKE, YUKON
 Y0A 1C0

CC: KENNETH DAWSON

Sample description	Prep code	Ag ppm	Au ppb FA+AA				
MAT-02	207	0.7	5	--	--	--	--
MAT-03	207	0.5	15	--	--	--	--
MAT-09	207	0.4	<5	--	--	--	--
MAT-11	207	0.5	<5	--	--	--	--
MAT-14	207	0.7	5	--	--	--	--
MAT-15	207	0.2	<5	--	--	--	--
MAT-16	207	0.2	<5	--	--	--	--
MAT-17	207	0.2	<5	--	--	--	--
MAT-18	207	0.4	<5	--	--	--	--
MAT-19	207	0.3	<5	--	--	--	--
MAT-20	207	0.3	<5	--	--	--	--
MAT-21	207	0.6	25	--	--	--	--
MAT-22	207	0.5	5	--	--	--	--
MAT-23	207	0.2	<5	--	--	--	--
MAT-24	207	0.6	<5	--	--	--	--
MAT-25	207	9.7	1200	--	--	--	--
MAT-26	207	0.6	20	--	--	--	--
MAT-26A	207	0.6	<5	--	--	--	--
MAT-27	207	0.6	<5	--	--	--	--
MAT-28	207	0.4	<5	--	--	--	--
MAT-29	207	0.5	<5	--	--	--	--
MAT-30	207	0.8	<5	--	--	--	--
MAT-31	207	0.2	<5	--	--	--	--
MAT-32	207	1.0	15	--	--	--	--
MAT-33	207	0.9	25	--	--	--	--
MAT-34A	207	0.2	15	--	--	--	--
MAT-34B	207	0.3	<5	--	--	--	--
MAT-35	207	0.9	<5	--	--	--	--
MAT-36	207	0.2	<5	--	--	--	--
MAT-38	207	1.3	<5	--	--	--	--

Hart Buchler

Certified by





Chemex Labs Ltd.

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 North Vancouver, B.C
 Canada V7J 2C
 Telephone: (604) 984-022
 Telex: 043-5259

CERTIFICATE OF ANALYSIS

TO : HOLLOWAY, MR. MEL

** CERT. # : A8414841-001
 INVOICE # : I8414841
 DATE : 20-AUG-84
 P.O. # : NONE

717 ALASKA HIGHWAY
 WATSON LAKE, YUKON
 Y0A 1C0

CC: KENNETH DAWSON

Sample description	Prep code	Ag ppm	AS ppm	Au ppb FA+AA			
MAT-01	202	0.2	33	5	--	--	--
MAT-04	202	0.1	10	15	--	--	--
MAT-05	202	0.3	15	25	--	--	--
MAT-06	202	0.2	11	<5	--	--	--
MAT-07	202	0.3	16	<5	--	--	--
MAT-08	202	0.3	14	<5	--	--	--
MAT-10	202	0.2	83	<5	--	--	--
MAT-12	202	0.4	20	<5	--	--	--
MAT-13	202	0.2	12	<5	--	--	--
MAT-37	202	0.2	90	35	--	--	--
MAT-39	202	0.1	30	<5	--	--	--



Certified by Hart Bickler



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Telex: 043-52597

CERTIFICATE OF ANALYSIS

TO : HOLLOWAY, MR. MEL

** CERT. # : A8414840-001-A
INVOICE # : I8414840
DATE : 19-DEC-84
P.O. # : NONE

717 ALASKA HIGHWAY
WATSON LAKE, YUKON
Y0A 1C0

CC: KENNETH DAWSON

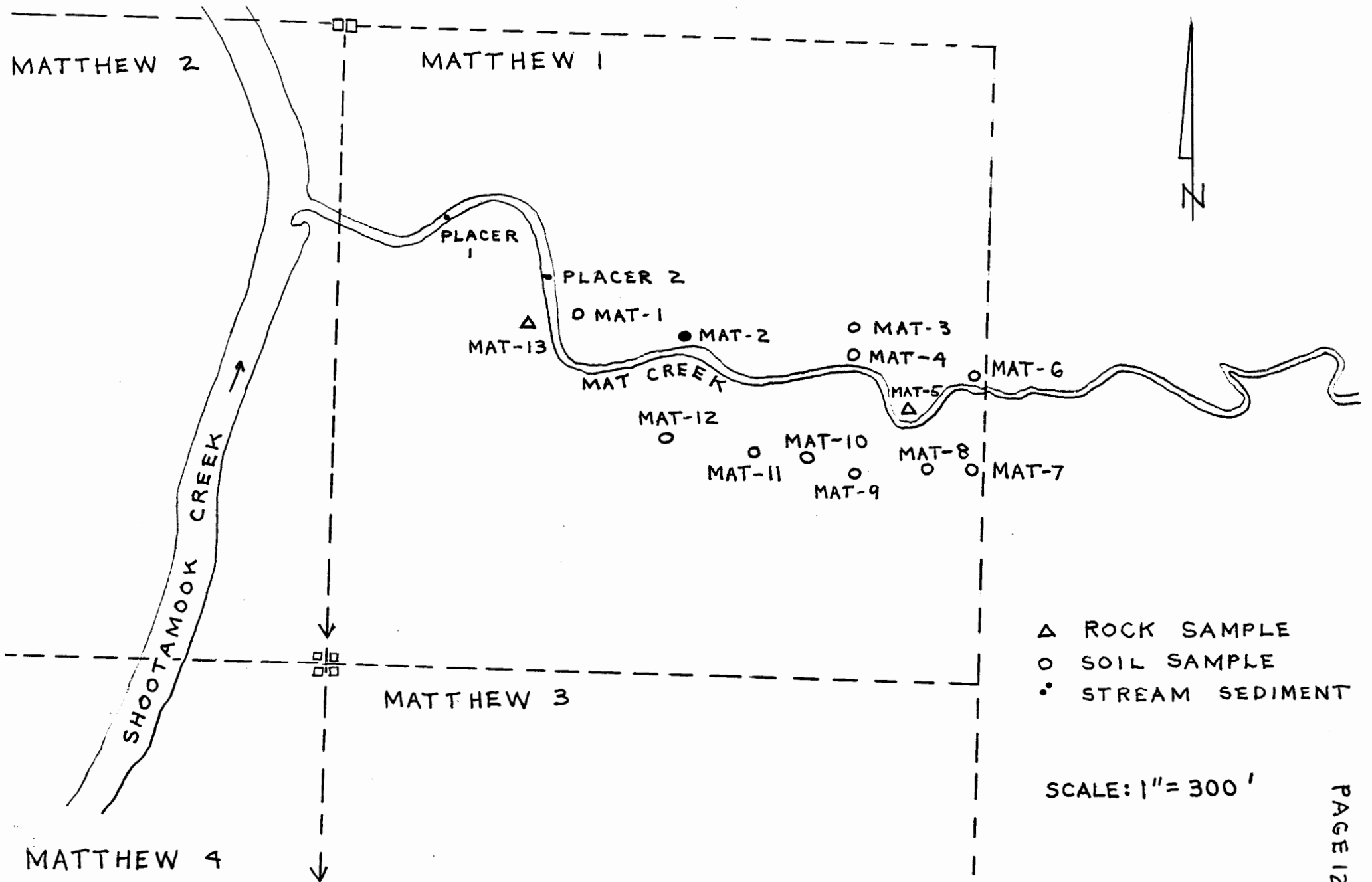
Sample description	Prep code	Ag ppm	Sn ppm	Au NAA ppb			
PLACER 1	213	0.2	20	16	--	--	--
PLACER 2	213	0.8	4	20	--	--	--



Certified by Hart Bichler.....

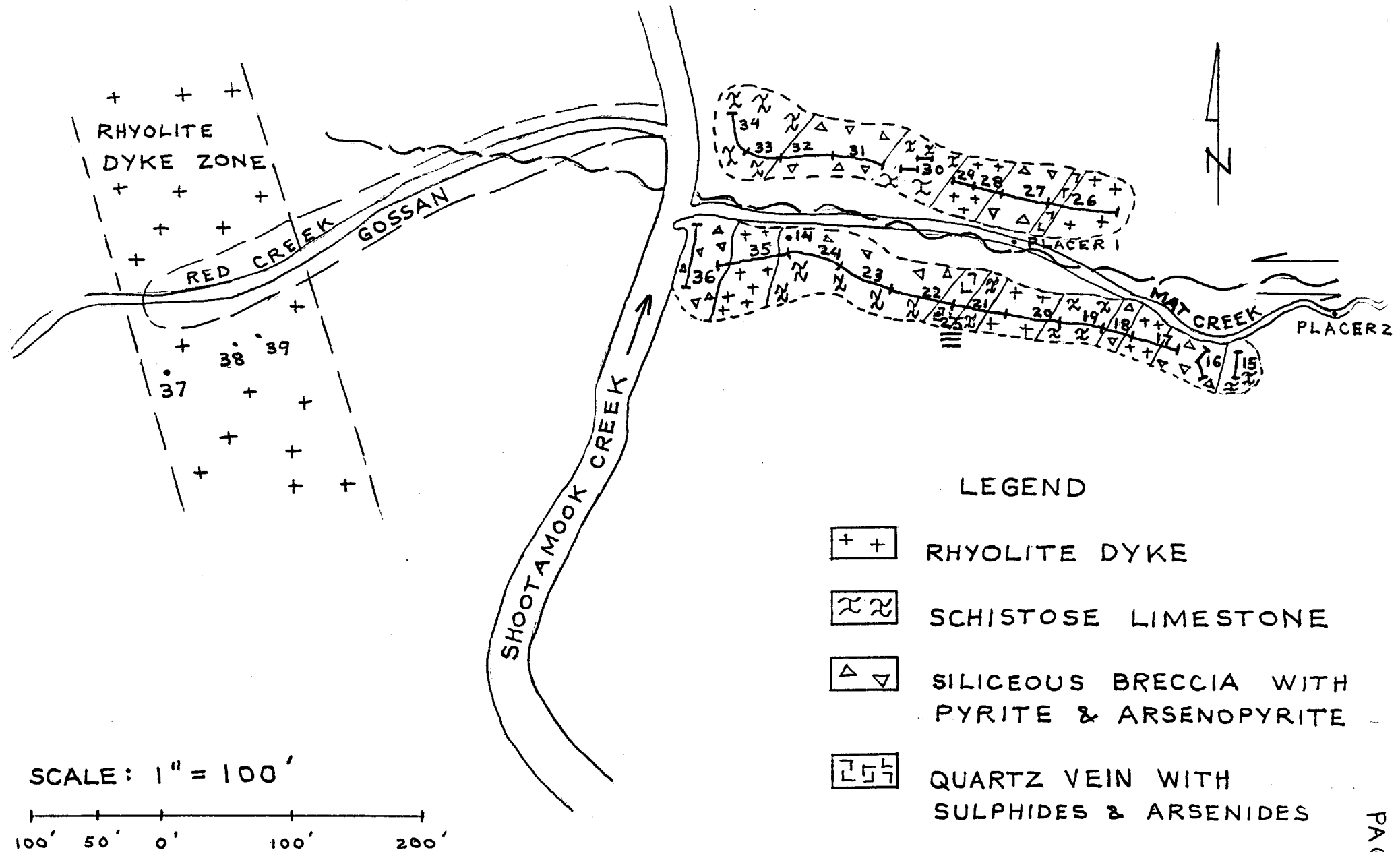
MAP #3

SAMPLE LOCATION MAP

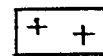


MAP # 4

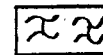
CHIP SAMPLE LOCATION MAP



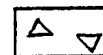
LEGEND



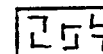
RHYOLITE DYKE



SCHISTOSE LIMESTONE

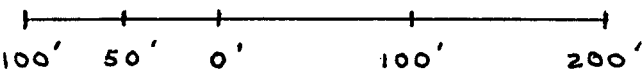


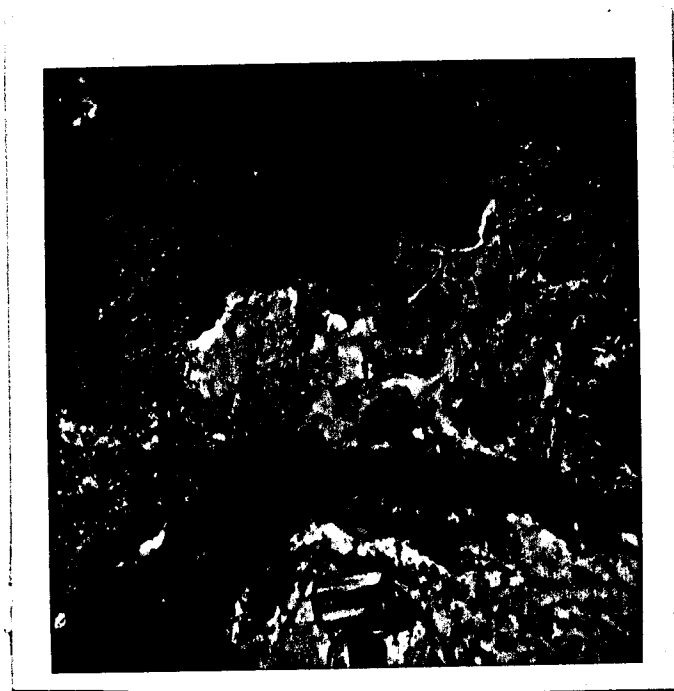
SILICEOUS BRECCIA WITH
PYRITE & ARSENOPYRITE



QUARTZ VEIN WITH
SULPHIDES & ARSENIDES

SCALE: 1" = 100'





PHOTOGRAPH OF CHIP SAMPLE
MAT-35 , LOOKING EAST

GEOCHEMISTRY

The multi-element analysis on chip samples and Au analysis on soil samples taken in 1983 are included here, in order to supply background information on the geochemistry of the MATTHEW Claims.

ICP GEOCHEMICAL ANALYSIS

A .500 GRAM SAMPLE IS DIGESTED WITH 3 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 90 DEG.C. FOR 1 HOUR. THE SAMPLE IS DILUTED TO 10 MLS WITH WATER.
 THIS LEACH IS PARTIAL FOR: Ca,P,Mg,Al,Ti,La,Na,K,W,Ba,Si,Sr,Cr AND B. Au DETECTION 3 ppa.
 SAMPLE TYPE - ROCK CHIPS

DATE RECEIVED SEPT 1 1983 DATE REPORTS MAILED Sept 7/83 ASSAYER D. Toye DEAN TOYE, CERTIFIED B.C. ASSAYER

MATTHEW 1-6 CLAIMS

PAGE # 1

SAMPLE #	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	CS	Sb	Bi	V	Ca	F	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W
	ppa	ppa	ppa	ppa	ppa	ppa	ppa	ppa	%	ppa	ppa	ppa	ppa	ppa	ppa	ppa	ppa	ppa	%	%	ppa	ppa	%	ppa	%	ppa	%	%	%	ppa
<i>insert from box - E ROCK GEOCHEM.</i> MH-1	1	147	384	1605	6.5	14	5	183	4.72	9535	2	2	3	11	4	91	2	22	.04	.02	5	9	.04	41	.01	6	.28	.01	.08	2
MH-2	6	6	19	19	.6	4	1	73	1.21	622	2	ND	2	5	1	27	2	4	.02	.01	9	9	.02	32	.01	8	.27	.01	.12	2
MH-3	1	13	25	20	.4	15	4	75	1.15	139	2	ND	10	8	1	13	2	6	.02	.06	39	11	.01	50	.01	16	.40	.01	.23	2
MH-4	1	4	11	8	.1	3	1	52	.71	36	2	ND	3	.6	1	11	2	3	.62	.01	15	10	.02	40	.01	6	.25	.01	.14	2
MH-5	1	3	10	6	1.1	7	1	40	.76	13	2	ND	5	8	1	72	2	6	.03	.02	9	16	.01	24	.01	4	.53	.01	.07	3
MH-6	1	5	8	15	.4	11	4	25	1.51	890	2	ND	6	7	1	34	2	5	.03	.01	29	10	.04	52	.01	9	.50	.01	.29	2
<i>N side mud ck</i> - MH-7	1	15	21	15	.1	18	8	62	9.75	80	2	ND	6	4	1	109	2	14	.01	.01	6	7	.02	20	.01	7	.40	.01	.05	2
<i>the N side ck</i> - MH-8	1	219	182	1071	22.2	9	2	76	1.85	5363	2	ND	2	12	3	72	2	5	.02	.01	7	10	.02	24	.01	9	.26	.01	.08	2
STD A-1	1	30	39	102	13	35	12	1006	2.82	11	2	ND	2	35	1	2	2	58	.39	.10	6	75	.76	281	.08	8	2.06	.01	.21	2

E dly - MH 4 - MH 8

W d, dly - MH 123 + MH 7

$$34^2 \text{ ppm} = 1.02/\text{TON}$$

$$\text{So } 22.2 \text{ ppm} = \frac{22.2}{34} = 0.65 \text{ oz/TON}$$

*Not
from Visc
Pro/2004*

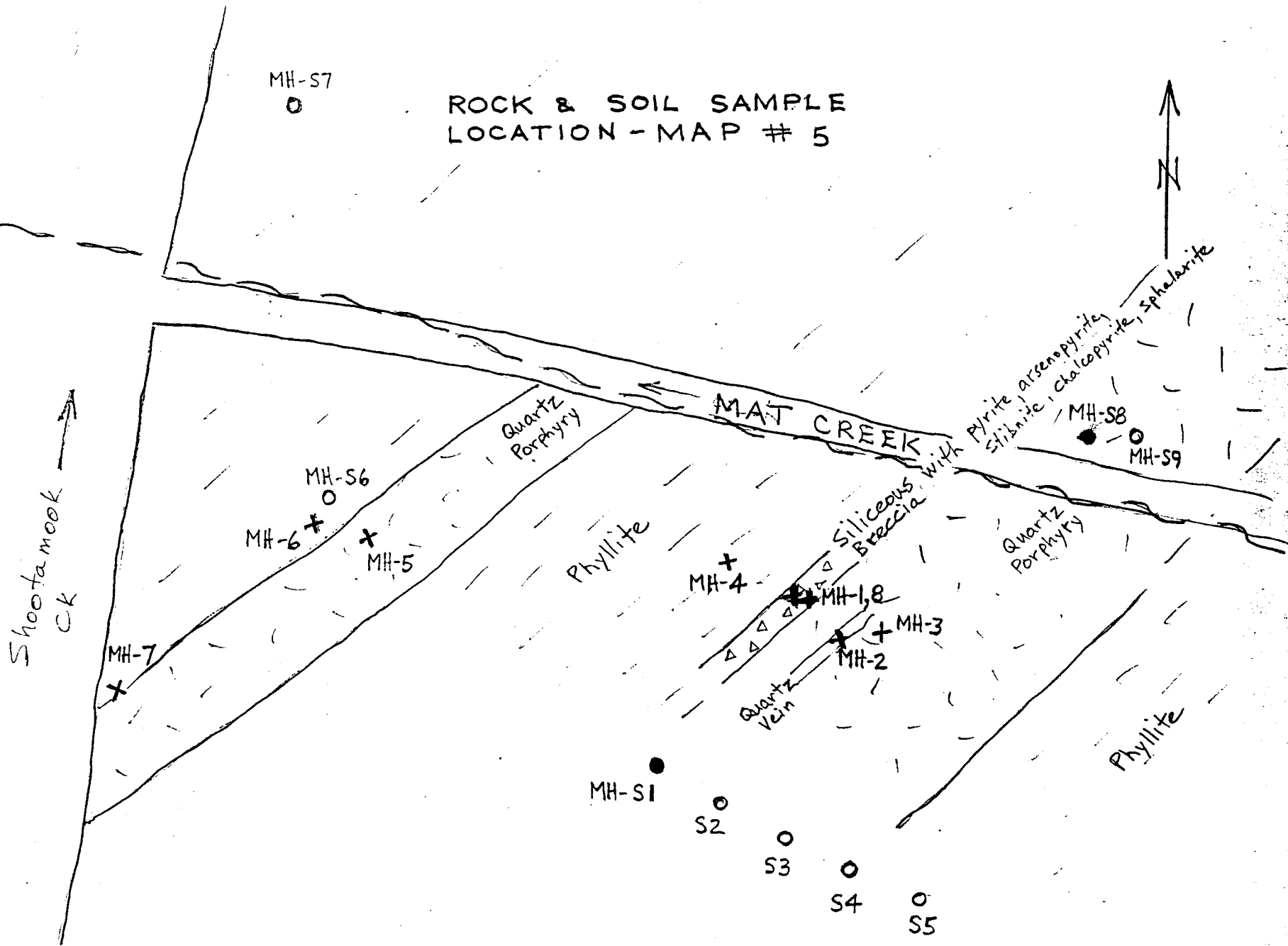
SAMPLE #	CU ppm	PB ppm	ZN ppm	AG ppm	BA ppm
Z98-S1	15	287	209	2.4	230
Z98-S2	20	434	299	1.5	176

SAMPLE	AU* PPB
MH-S1	35
MH-S2	20
MH-S3	15
MH-S4	20
MH-S5	255 *
MH-S6	60
MH-S7	15
MH-S8	10
MH-S9	30

*SOIL
SAMPLES
MATTHEW
1-6 CLAIMS*

PP B = 3400 = ~~1~~ 1 OZ/ton

ROCK & SOIL SAMPLE LOCATION - MAP # 5

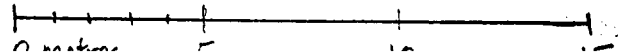


Matthew Claims

M. Holloway

- Soil Sample
- × Rock Sample

Approx. Scale 1:200



SUMMARY

The partial success of the stripping and sampling results indicate a larger scale grid sampling and more detailed prospecting to be done in the near future, notably on a line northwest-southeast through the claims.

The only possible drill target at this time would be two shallow, angled holes scissoring under the sample location Mat-25.

ASSESSMENT COSTS

- 1. Stripping: loose material by hand.
 $427 \text{ ft}^2 \times 2.5 \text{ ft} = 1067.5 \text{ ft}^3 = 118.6 \text{ yard}^3$ at $\$6.00/\text{yard}^3 =$
 $\$711.67.$
- 2. Labour: stripping by claims owner Mel Holloway, three days at
 $\$50.00/\text{day} = \$150.00.$
- 3. Cost of consulting a professional geologist, Dr. Kenneth Dawson,
 Geological Survey of Canada. NO CHARGE
 Nearest road access to claims = $\$677.69.$ HELICOPTER FEES
- 4. Geochemical analysis
 Total = $\$549.50.$
- 5. REPORT REPERATION COST. $\$300.00$

Total assessment costs = $\$2,088.86$

Claims were grouped on June , 1985, therefore total assessment to be applied on MATTHEW 1-6 inclusive.

Dated at Watson Lake Y.T.
28 June 1985

Mel Holloway

[Signature]
NOTARY PUBLIC

NORTHERN MOUNTAIN HELICOPTERS INC.				CHARTER AND CONTRACT TICKET		
Client: <i>MESSAGE POST</i>				Date: <i>Aug 3 1984</i>		
Pilot: <i>WATSON</i>				Phone: <i>963-9622</i>		
Engineer: <i>SW</i>				P.O.:		
App: <i>SW</i>				Cash:	Check:	Charge: <input checked="" type="checkbox"/>
Base: <i>VS</i>						
From: <i>Message Post</i>		To (1):				
To (2):		To (3):				
To (4):		To (5):				
To (6):		To (7):				
To (8):		To (9):				
To (10):		To (11):				
Charter Rate	<i>13</i>	Hours at \$	<i>450.00</i>		\$	<i>585.00</i>
Contract Rate	<i>33</i>	Hours at \$				
Fuel Charge	<i>29.9 @ 3.10</i>					<i>92.69</i>
Pilot Expenses						
Other						
TERMS: Net 30 days. Service charge on overdue accounts. See reverse side, personally guaranteed payment of this charter.				TOTAL CHGE. <i>677.69</i>		
Signed by: <i>[Signature]</i>				22691		
This ticket is expressly subject to the conditions printed on the reverse of this ticket and which are hereby accepted. (Passenger's Signature)				MAIN BASE P.O. Box 368 Prince George, B.C. Phone 963-9622 Telex 047-8027		
No. of Departures	No. of Passengers	No. of hours flown	N/R Hrs	Base of designated Pt.		
	<i>3</i>	<i>1.3</i>				
	Lbs. cargo	Miles flown		Class of flying		

3 copies
Page 20 #5

DATE <i>JUNE 3/4/85</i> 19 <i>85</i>		RECEIPT
RECEIVED FROM <i>THE MEL HOLLOWAY</i>		<i>00334</i>
Sum of \$ <i>300.00</i>		
<i>Three Hundred</i>		00 DOLLARS
FOR COMPILING ASSESSMENT MINNING REPORT		
FOR PERIOD FROM <i>JUNE 3/4/85</i>		TO <i>JUNE 5</i>
AMOUNT OF ACCOUNT	PAID BY	THANK YOU
THIS PAYMENT	<input checked="" type="checkbox"/> CASH 100	<i>[Signature]</i>
BALANCE DUE	<input checked="" type="checkbox"/> CHEQUE 200	
	<input type="checkbox"/> MONEY ORDER	
		BY <i>KELINDA SAX</i>
		KELINDA SAX



Chemex Labs Ltd.

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212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1

Telephone: (604) 984-0221
Telex: 043-52597

*** INVOICE ***

to : HOLLOWAY, MR. MEL

** Invoice # : 18414842

717 ALASKA HIGHWAY
WATSON LAKE, YUKON
YOA 1C0

Date : 19-AUG-84
P.O. # : NONE
Project

Invoice for analytical work reported on certificate(s) A8414842-001

quantity	code	description	unit	price	amount
30	006 - Ag		ppm		
	100 - Au ppb		FA+AA	8.25	247.50

Sample preparation and other charges :

30	207 - Assay - PULVERIZE	3.75	112.50
----	-------------------------	------	--------

TOTAL \$ 360.00

Please pay this amount ----> \$ 360.00

TERMS -- NET 30 DAYS

1.5 % per month (18 % per annum) charged on overdue accounts





Chemex Labs Ltd.

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212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1
Telephone: (604) 984-0221
Telex: 043-52597

*** INVOICE ***

To : HOLLOWAY, MR. MEL

** Invoice # : I8414841

717 ALASKA HIGHWAY
WATSON LAKE, YUKON
Y0A 1C0

Date : 20-AUG-84
P.O. # : NONE
Project

Invoice for analytical work reported on certificate(s) A8414841-001

Quantity	Analysed for code description	unit price	amount
11	006 - Ag ppm		
	013 - AS ppm		
	100 - Au ppb FA+AA	11.50	126.50

Sample preparation and other charges :

11	202 - -80 mesh, save reject	1.00	11.00
----	-----------------------------	------	-------

TOTAL \$ 137.50

Please pay this amount ----> \$ 137.50

TERMS -- NET 30 DAYS
1.5 % per month (18 % per annum) charged on overdue accounts





Chemex Labs Ltd.

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North Vancouver, B.C.
Canada V7J 2C1

Telephone: (604) 984-0221
Telex: 043-52597

*** INVOICE ***

To : HOLLOWAY, MR. MEL

** Invoice # : 18414840

717 ALASKA HIGHWAY
WATSON LAKE, YUKON
YOA 1C0

Date : 19-DEC-84
P.O. # : NONE
Project

Invoice for analytical work reported on certificate(s) A8414840-001

Quantity	Analysed for code description	unit price	amount
2	006 - Ag ppm		
	019 - Sn ppm		
	101 - AU NAA ppb	12.25	24.50

Sample preparation and other charges :

2	213 - Heavy min sep SG 2.96	14.00	28.00
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TOTAL \$ 52.50

Please pay this amount ----> \$ 52.50

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TERMS -- NET 30 DAYS

1.5 % per month (18 % per annum) charged on overdue accounts



CONTRIBUTORS TO THIS REPORT

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