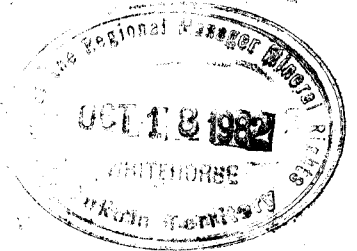




GEOCHEMICAL - GEOLOGICAL

ASSESSMENT REPORT



SUN CLAIMS	1 - 11	YA63485 - YA63495
	13	YA63497
	15	YA63499
	17	YA63501
	19	YA63503
	25 - 33	YA63509 - YA63517
	35	YA63519
	37	YA63521
	39	YA63523
	41	YA63525
	43	YA63527

63°10'N 131°07'W

MAYO MINING DISTRICT

105-0-3

JUNE 15 - JULY 29, 1982

G. FRASER

OCT. 1982

091267

This report has been examined by
the Geological Evaluation Unit
under Section 53 (4) Yukon Quartz
Minerals Act and is allowed as
reproduction work in the amount
of \$ 7500.

R. Watson

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

TABLE OF CONTENTS

	<u>Page No.</u>
1. INTRODUCTION.....	1
2. LOCATION AND ACCESS.....	1
3. PERSONNEL.....	1
4. CLAIM OWNERSHIP.....	1
5. GEOLOGY.....	3
6. GEOCHEMISTRY.....	6
7. CONCLUSIONS AND RECOMMENDATIONS.....	7

APPENDIX I - REVIEW OF EXPENDITURES AND RECEIPTS

APPENDIX II - QUALIFICATIONS G. FRASER

LIST OF FIGURES

<u>Figure No.</u>		
1	SUN CLAIMS LOCATION PLAN.....	2
2	SUN CLAIMS AREA GEOLOGY.....	4
3	SUN CLAIMS SOIL CHEMISTRY: COPPER.....	8
4	SUN CLAIMS SOIL CHEMISTRY: LEAD.....	9
5	SUN CLAIMS SOIL CHEMISTRY: ZINC.....	10
6	SUN CLAIMS SOIL CHEMISTRY: SILVER.....	11
7	SUN CLAIMS SILT SEDIMENT SAMPLES: LEAD.....	12
8	SUN CLAIMS SILT SEDIMENT SAMPLES: ZINC.....	13
9	SUN CLAIMS SILT SEDIMENT SAMPLES: SILVER.....	14
10	SUN CLAIMS ROCK GEOCHEMISTRY.....	15

1. INTRODUCTION:

The SUN Claims 1-11, 13, 15, 17, 19, 25-33, 35, 37, 39, 41 and 43 were staked on July 12, 1981 and recorded on August 4, 1981. The claim group was staked to cover white laminated bedded barite, vein barite and anomalous silt samples collected from streams in 1979.

The claim group was examined from June 15 to July 29, 1982. Work consisted of soil, silt, and rock geochemistry along with geological mapping.

A small soil grid was established in an overburden covered area, where high silt sediments had been obtained and near barite and marble showings. The baseline was run approximately parallel to the strike of nearby Road River units. Transverse section lines were run at 200 meter intervals. Soil samples were collected at 25 meter intervals along the section lines. One hundred and fourteen samples were collected and these were analyzed for Cu/Pb/Zn/Ag content.

Silt samples were collected from streams draining the property. Forty two samples were obtained and analyzed for Pb/Zn/Ag content.

Thirteen rock samples were collected from Road River units on the property. These samples were geochemed for Cu/Pb/Zn/Ag/Ba content.

Geological mapping and prospecting was conducted on the claim group and surrounding area. The prospecting was directed at searching for further barite occurrences and checking areas of high anomalous silt samples.

All results and data were compiled at the Whitehorse Office of Hudson Bay Exploration and Development Company Limited.

2. LOCATION AND ACCESS:

The SUN Claims are located in the Mayo Mining District on claim sheet 105-0-3 approximately centered at $131^{\circ}07'W$ $63^{\circ}10'N$.

The claim group is situated approximately 30 miles west of the Macmillan Pass airstrip on the North Canal Road 140 miles north of Ross River.

Transportation to the claim group was provided by Northern Mountain Helicopters.

3. PERSONNEL:

The following personnel were employed by Hudson Bay Exploration and Development in the summer of 1982 and worked on the SUN claims assessment:

G. Fraser	Project Geologist
D. Lincoln	Field Geologist
R. Conner	Field Assistant
R. Chippett	Field Assistant

4. CLAIM OWNERSHIP:

This assessment report covers the following SUN Claims:

SUN 1 - 11 YA 63485 - YA 63495

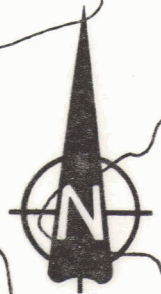
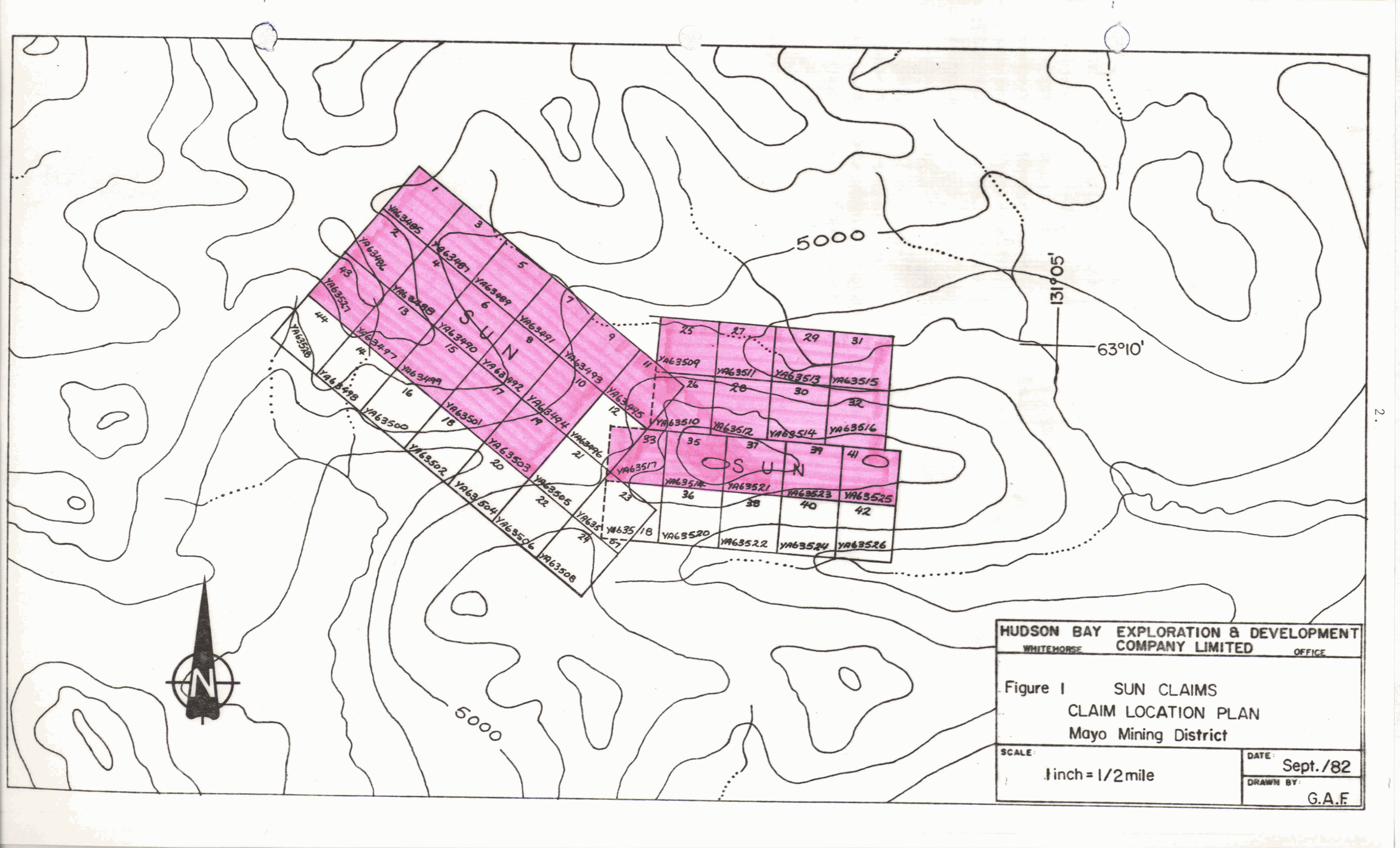
SUN 13 YA 63497

SUN 15 YA 63499

SUN 17 YA 63501

SUN 19 YA 63503

SUN 25 - 33 YA 63509 - YA 63517



HUDSON BAY EXPLORATION & DEVELOPMENT WHITEHORSE COMPANY LIMITED OFFICE	
Figure 1 SUN CLAIMS CLAIM LOCATION PLAN Mayo Mining District	
SCALE: 1/2 inch = 1/2 mile	DATE: Sept. /82 DRAWN BY: G.A.F.

SUN 35	YA 63519
SUN 37	YA 63521
SUN 39	YA 63523
SUN 41	YA 63525
SUN 43	YA 63527

See Figure 1 for claim locations. The total number of claims is 29. All claims are owned by Hudson Bay Exploration and Development Company, Limited of 100-10 Burns Road, Whitehorse, Yukon Territory, Y1A 4Y9.

5. GEOLOGY:

See Figure 2 for SUN Claims Area Geology and the accompanying legend. The SUN Claims area can be divided into three distinct lithological packages.

The oldest package is comprised of sedimentary units of the Road River Formation. The oldest unit occurs at the western boundary of the SUN claims. Here, orange to brownish green weathering mudstone (Sa) with black wispy laminae is present. The mudstone is overlain by calcareous shales interbedded with fossiliferous limestone and silty limestone (SDs). The calcareous shales are buff to tan weathering and contain monograptids. The limestone beds contain two holed crinoids. Overlying the calcareous unit is a thick, massive section of chert and siliceous shale. Chert and siliceous shale is the dominant lithology on the SUN claims. The chert is dark grey with lesser light grey beds, however, the weathered surface can appear buff, orange, reddish or silver grey. The siliceous shale is usually dark blue and is interbedded with the chert. Tan weathering calcareous shales and pyritiferous white-grey limestone beds are interbedded with the chert in places. Bedded barite is also interbedded with the chert and siliceous shales. Few graptolites have been found within the chert and siliceous shales, however, the presence of calcareous interbeds, the units stratigraphic position and the approximate thickness of 300 metres, suggest it may belong to the Road River (OSDpt).

The second package includes the clastic group of rocks of the Lower Earn Group. Brown weathering shale and siltstone (muDps) is found interbedded with chert pebble conglomerate (muDcg) south and west of the SUN claims. The chert pebble conglomerate also appears without the shale interbeds and forms massive resistant ridges and outcrop in the area.






The youngest package includes sediments of the Carboniferous which are a mixture of shales, siltstones, sandstones and limestone. Carboniferous sediments are seen north and west of the SUN claims. The oldest unit consists of buff brown weathering pyritic silty shales and rusty brown weathering shales (Csp). The shales weather to characteristic acicular pieces. An orange to greenish brown weathering wispy black laminated grey mudstone member, also appears to belong to the oldest unit. Overlying the silty shales and shales are massive grey crystalline quartz arenite or sandstone beds (Cq). The sandstone/quartz arenite beds are sometimes interbedded with rusty brown weathering shales. The youngest unit seen is buff brown weathering silt banded limestone beds (Cl). To the north of the SUN claims, these three units are found tightly interbedded with each other (Cint).



HUDSON BAY EXPLORATION & DEVELOPMENT COMPANY LIMITED	
WHITEHORSE	OFFICE
SUN CLAIMS AREA GEOLOGY	
<u>FIGURE 2</u> Mayo Mining District (see accompanying legend)	
SCALE	DATE
1 to 50,000	Sept. /82
	DRAWN BY
	G.A.F.

LEGEND * (to accompany Figure 1)

CARBONIFEROUS

-  interbedded quartz arenite and black argillite
-  limestone
-   quartz arenite and sandstone
-  silty shale and shale

MISSISSIPPIAN

Upper Earn Group

-  sandstone siltstone and shale

Lower Earn Group (marked by symbols)

- muDpt siliceous shale



MIDDLE AND LATE DEVONIAN

- muDcg chert pebble conglomerate

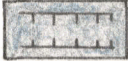


- muDps shale and siltstone



EARLY AND MIDDLE DEVONIAN

- emDpt chert and cherty argillite







SILURIAN EARLY AND MIDDLE DEVONIAN

-  calcite cemented volcanoclastics

ORDOVICIAN SILURIAN AND EARLY DEVONIAN

Road River Group

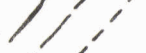



-  shaley limestone
-  -  wispy laminated mudstone
-  chert

HADRYNIAN, CAMBRIAN AND ORDOVICIAN

-  shale, mudstone, limestone and chert

* adaptation of Abbott, 1982

REFERENCE

- Geological boundary (definite, approximate, assumed)..... 
- Normal fault (definite, approximate, assumed, symbol on hanging wall side).... 
- Reverse fault..... 
- Limit of geological mapping..... 

Intrusive activity in the Cretaceous resulted in the emplacement of a resistant grandiorite plug^(Ka) north of the SUN claims. This has produced a distinctive rusty weather aureole in the surrounding sediments.

6. GEOCHEMISTRY:

Silt samples, soil samples and rock samples were collected on the SUN claims. The geochemistry was used to test for two possible targets. First, the presence of bedded barite indicated a hydrothermal system was active in the past. Second, the intrusive rocks and limestone beds nearby, suggested the possibility of skarn development.

Soil and rock samples were analyzed for Cu/Pb/Zn/Ag. Silt samples were analyzed for Pb/Zn/Ag. All geochemical results are in parts per million. The samples were analyzed by Bondar-Clegg and Company Limited of Whitehorse.

Results are plotted on Figures 3 to 10.

Statistical analysis was performed on soil, silt and rock samples. The mean (\bar{x}) and standard deviation (δ) was calculated for each element. A possible anomaly ($\bar{x} + \delta$) is a sample at least one standard deviation above the mean. A definite anomaly ($\bar{x} + 2\delta$) is a sample at least two standard deviations above the mean. All values^{which} are classed as a definite anomaly have been highlighted on the figures.

SOIL SAMPLES

<u>Element</u>	<u>n</u>	<u>\bar{x}</u>	<u>δ</u>	<u>Poss Anom</u>	<u>Anom</u>	<u># of Anom Samples</u>
Cu	114	86	91	177	268	5
Pb	114	53	75	128	203	4
Zn	114	1152	1349	2501	3850	3
Ag	114	2.2	3.5	5.7	9.2	4

SILT SAMPLES

<u>Element</u>	<u>n</u>	<u>\bar{x}</u>	<u>δ</u>	<u>Poss Anom</u>	<u>Anom</u>	<u># of Anom Samples</u>
Pb	42	31	23	54	77	3
Zn	42	1547	1338	2885	4223	2
Ag	42	2.6	1.9	4.5	6.4	2

ROCK SAMPLES

<u>Element</u>	<u>n</u>	<u>\bar{x}</u>	<u>δ</u>	<u>Poss Anom</u>	<u>Anom</u>	<u># of Anom Samples</u>
Cu	13	44	53	97	150	1
Pb	13	14	8	22	30	0
Zn	13	1083	2637	3720	6357	1
Ag	13	1.1	0.7	1.8	2.5	1

Silt samples from the claims show several significant anomalies. Lead values have a high mean value when compared to statistics from surrounding areas. In particular, the creek draining the northwest portion of the claims has high lead values (see Figure 7). There is also high zinc values on this creek (see Figure 8) and a lead/zinc association in the area seems likely. Silver values were highest on the southern claim boundary and values of 12.1 and 6.6 ppm require further investigation.

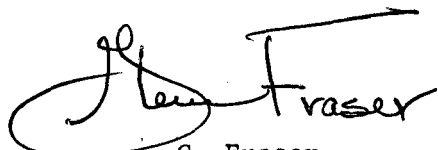
A soil grid was placed, in the northwest portion, of the claim block, near the creek with the high lead/zinc silt results. Figure 2 shows the soil grid baseline with reference to the geology and Figures 3 to 6 show the contours of the results for Cu/Pb/Zn/Ag respectively. The contours reveal high areas of Cu/Pb/Zn/Ag concentration. Furthermore, the highest concentrations of these elements would appear associated with each other. The southwest portion of the soil grid exhibits a small geochemical trend. Follow up work in the area would consist of soil sampling the anomalous area with a tighter grid and running a magnetometer and an electromagnetic survey over the area.

The number of rock samples taken was small. These have been plotted on Figure 10 for Cu/Pb/Zn/Ag content. No trends are recognized from these results although several isolated highs are noted. Barite showings have also been plotted on this figure.

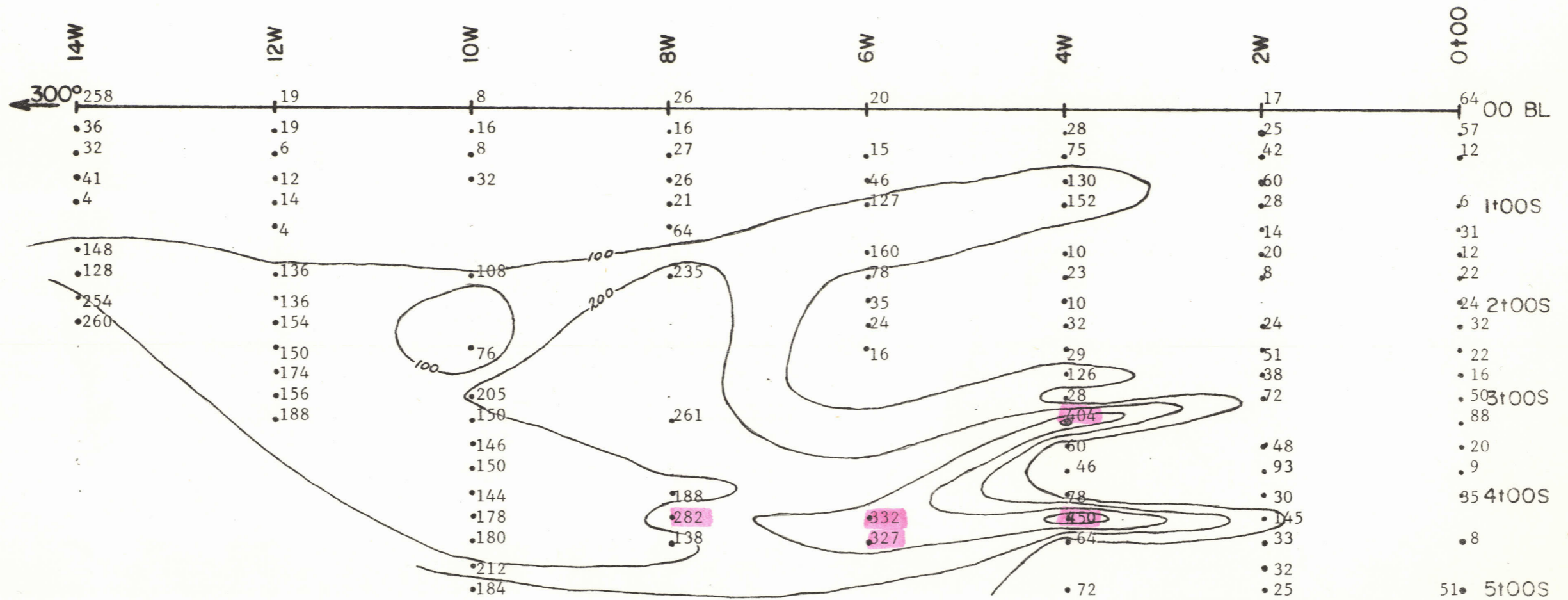
7. CONCLUSIONS AND RECOMMENDATIONS:

Geological mapping in the SUN claims indicate a thick succession of Road River units cover the area. Anomalous results from silt samples and a soil grid have been obtained from the area. The presence of bedded barite on the property is evidence that a hydrothermal system was active in the past.

Further work in the area would consist of: 1) further prospecting in areas of anomalous silt samples to detect a source. 2) more detailed soil sampling in the area of anomalous trends detected this past season. 3) magnetic and electromagnetic geophysical surveys to be run over the soil grid sampled this past summer.

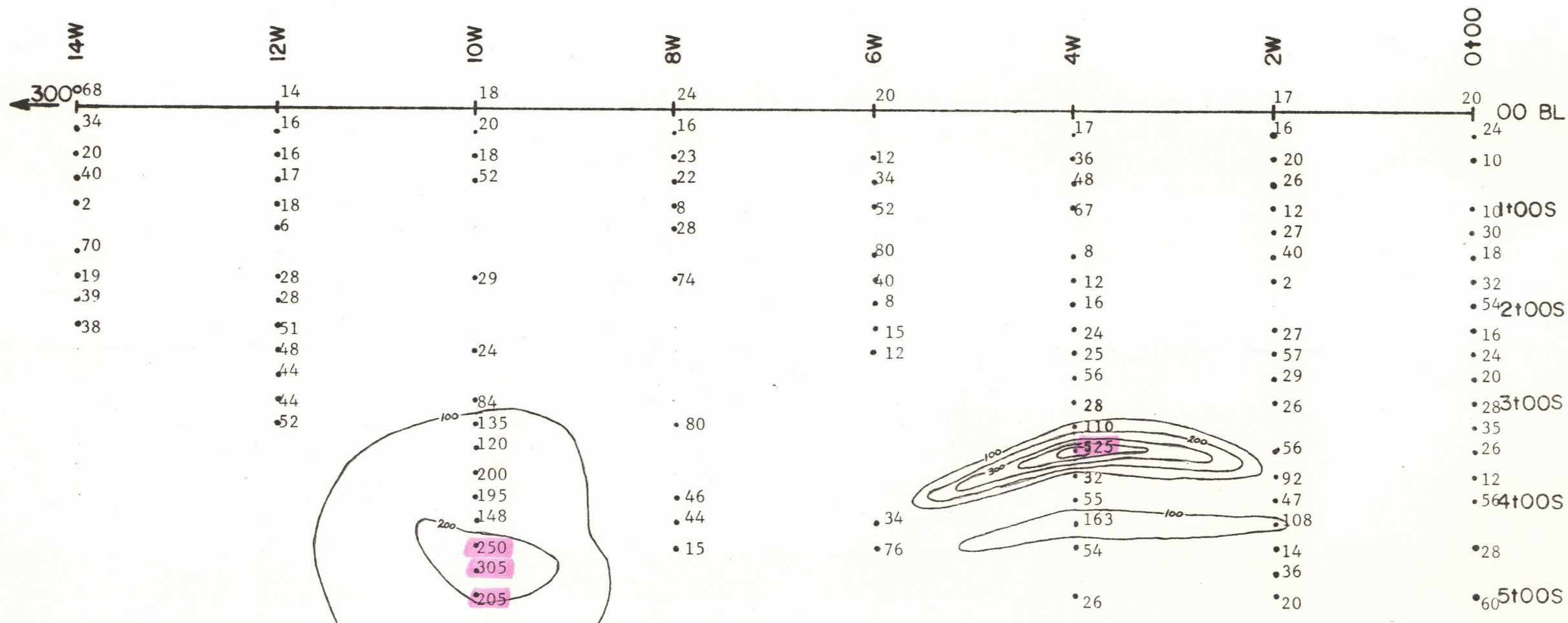


G. Fraser



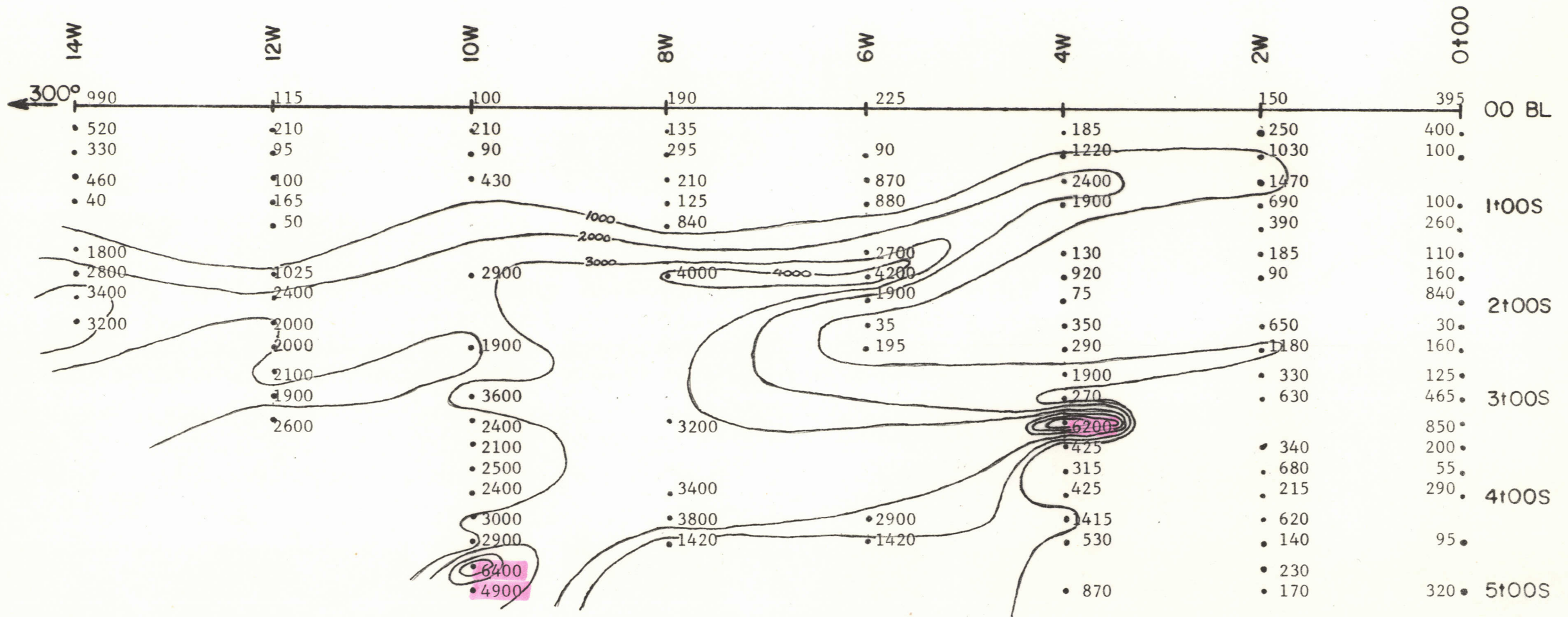
ALL RESULTS IN PARTS PER MILLION
100 PPM CONTOUR INTERVALS

HUDSON BAY EXPLORATION & DEVELOPMENT WHITEHORSE COMPANY LIMITED OFFICE	
Figure 3 SUN CLAIMS SOIL CHEMISTRY COPPER	
SCALE metres 0 25 50 75 100 150 200	DATE Sept. /82 DRAWN BY: G.A.F.



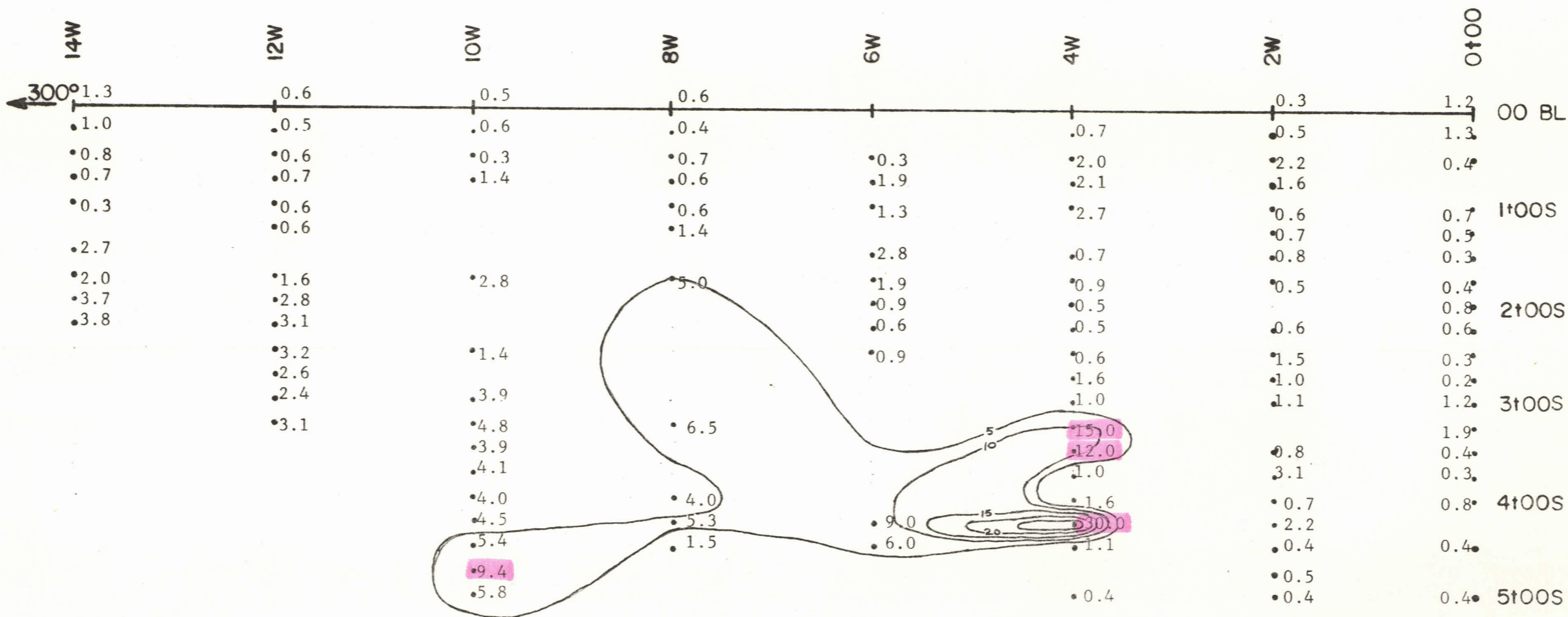
ALL RESULTS IN PARTS PER MILLION
100 PPM CONTOUR INTERVALS

HUDSON BAY EXPLORATION & DEVELOPMENT	
WHITEHORSE	COMPANY LIMITED OFFICE
Figure 4 SUN CLAIMS	
SOIL CHEMISTRY	
LEAD	
SCALE	DATE Sept. /82
metres	DRAWN BY G.A.F.
0 25 50 75 100 150 200	



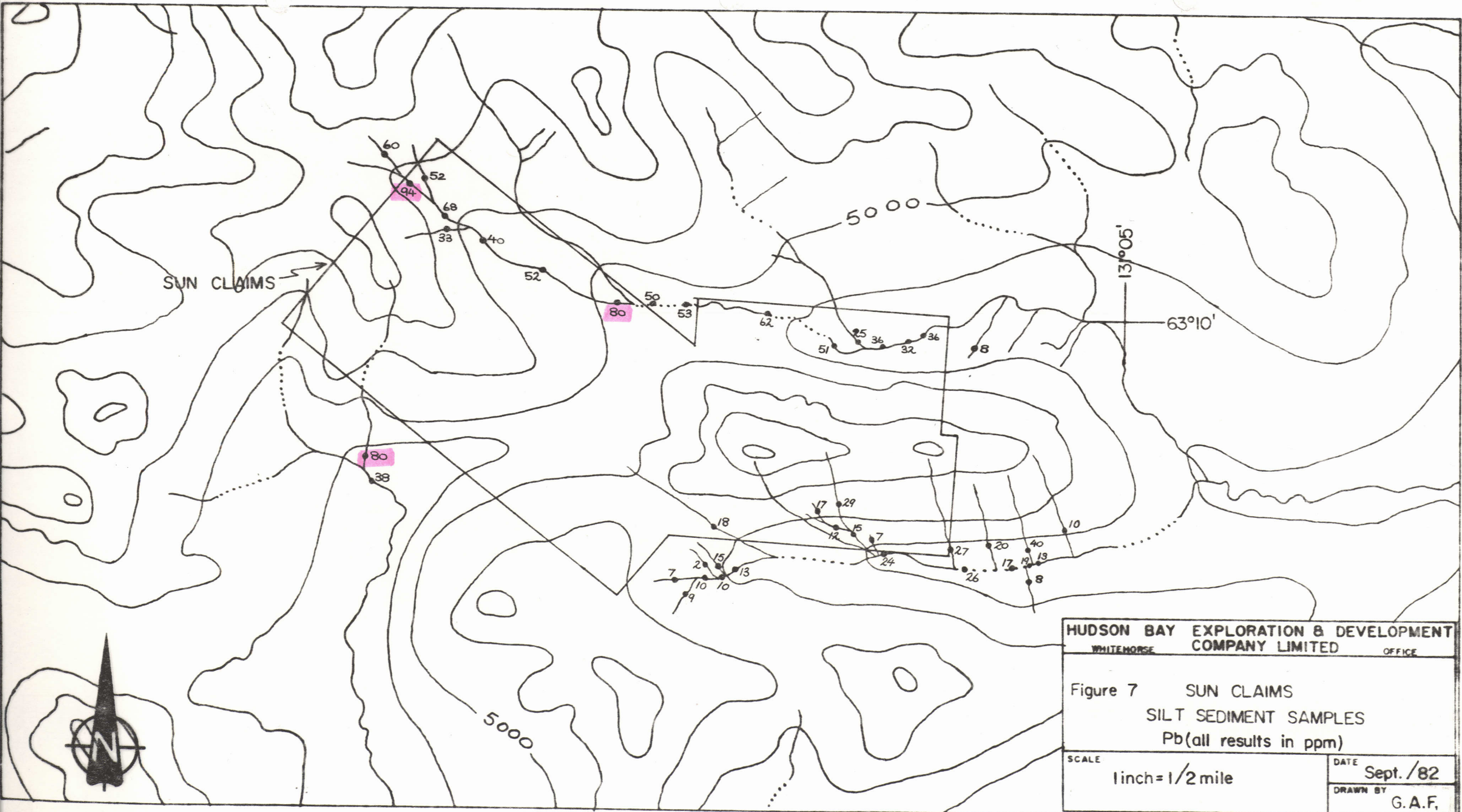
ALL RESULTS IN PARTS PER MILLION
1000 PPM CONTOUR INTERVALS

HUDSON BAY EXPLORATION & DEVELOPMENT WHITEHORSE COMPANY LIMITED		OFFICE
Figure 5 SUN CLAIMS SOIL CHEMISTRY ZINC		
SCALE	metres	DATE Sept. /82
0 25 50 75 100 150 200		DRAWN BY G.A.F.



ALL RESULTS IN PARTS PER MILLION
5 PPM CONTOUR INTERVALS

HUDSON BAY EXPLORATION & DEVELOPMENT WHITEHORSE COMPANY LIMITED OFFICE	
Figure 6 SUN CLAIMS SOIL CHEMISTRY SILVER	
SCALE 0 25 50 75 100 150 200 metres	DATE Sept. /82 DRAWN BY G.A.F.

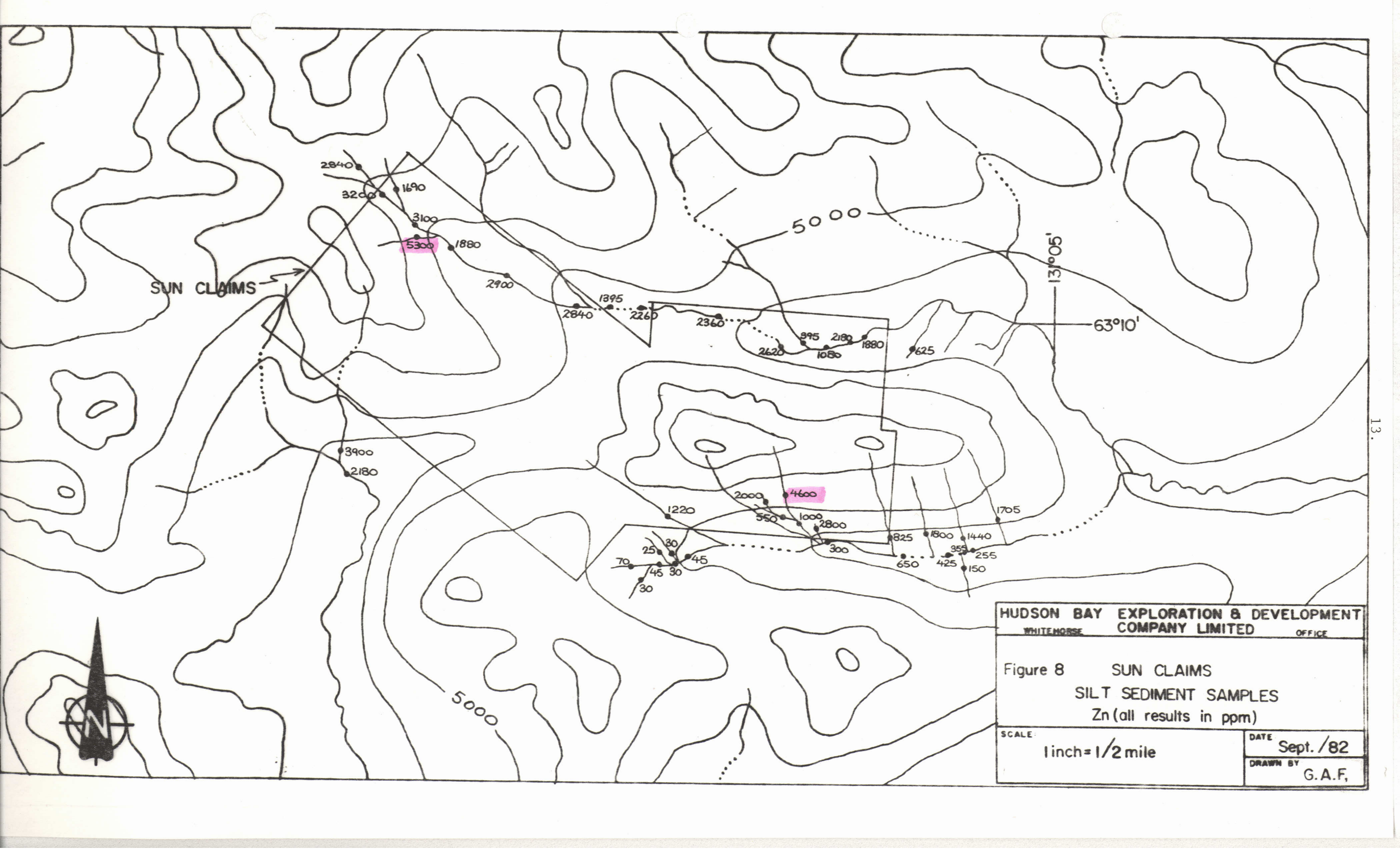


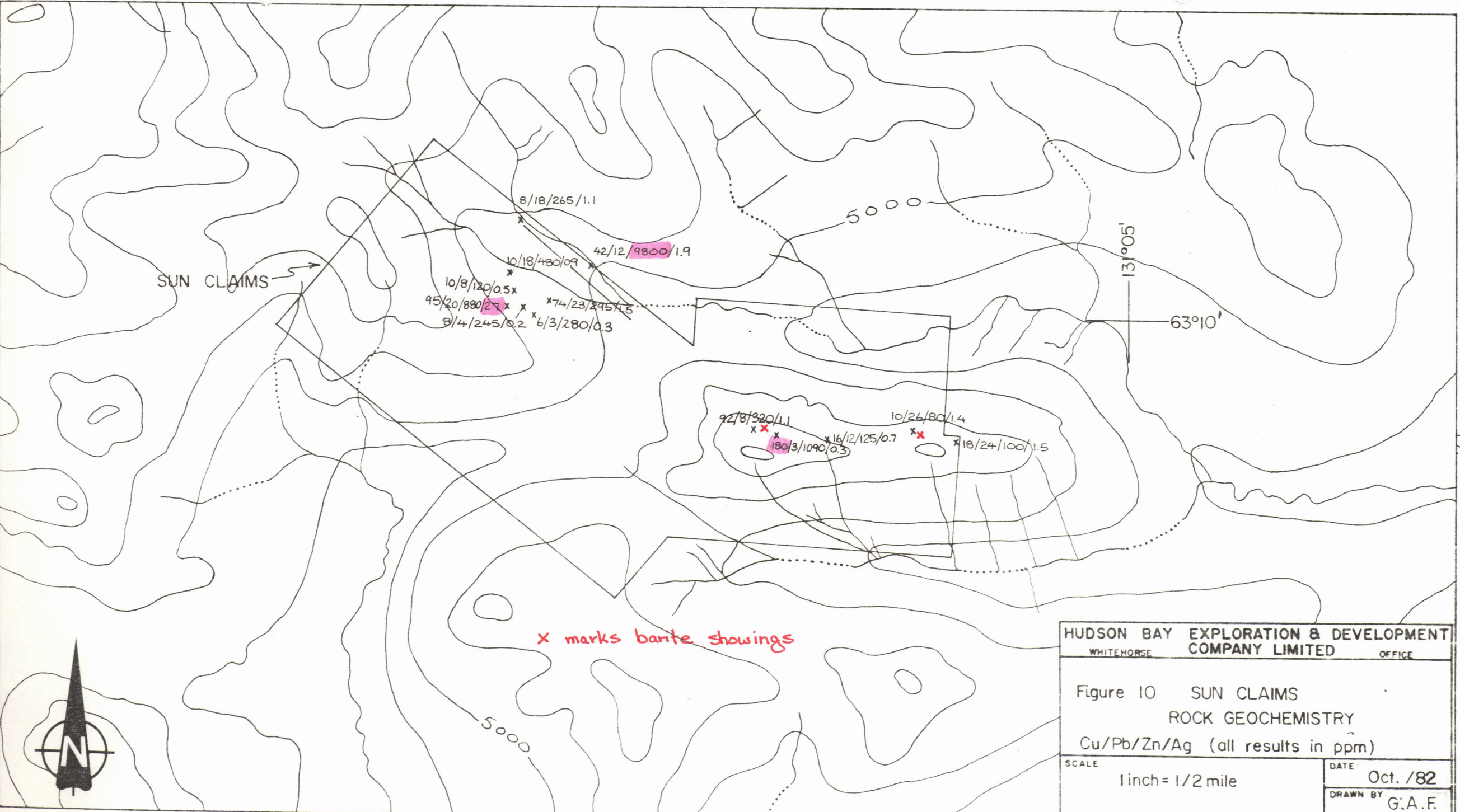
HUDSON BAY EXPLORATION & DEVELOPMENT
 WHITEHORSE COMPANY LIMITED OFFICE

Figure 7 SUN CLAIMS
 SILT SEDIMENT SAMPLES
 Pb(all results in ppm)

SCALE
 1 inch = 1/2 mile

DATE
 Sept./82
 DRAWN BY
 G.A.F.





8/18/265/1.1

10/18/480/0.9

42/12/9800/1.9

10/8/120/0.5x

95/20/880/2.9x

8/4/245/0.2

6/3/280/0.3

74/23/295/1.5

92/8/320/1.1

180/3/1090/0.3

16/12/125/0.7

10/26/80/1.4

18/24/100/1.5

SUN CLAIMS →



5000

131°05'

63°10'

5000

APPENDIX I

REVIEW OF EXPENDITURES

AND RECEIPTS

SUN CLAIMS

JUNE 15 - JULY 29, 1982

REVIEW OF EXPENDITURES

SUN CLAIMS

June 17 - July 29, 1982

Helicopter charges: Northern Mountain Helicopters

June 17-20 A-Star 4.0 hr. total	
4.0 hr. @ 595 \$/hr.	\$ 2380.00
Fuel: 4.0 hr. @ 30 gal/hr @ 3.15 \$/gal.	378.00
July 25 A-Star .6 hr. mob. fly camp	
.6 hr. @ 595 \$/hr.	357.00
Fuel: .6 hr. @ 30 gal/hr @ 3.15 \$/gal.	56.70
July 29 206B 2.4 hr. demob. fly camp	
2.4 hr. @ 500 \$/hr.	1200.00
Fuel: 2.4 hr. @ 22.5 gal/hr @ 3.15 \$/gal.	<u>170.10</u>
Total helicopter charges	\$ 4541.80

Salaries and Wages:

G. Fraser (Project Geologist) 3 days @ \$125 /day	\$ 375.00
D. Lincoln (Field Geologist) 5 days @ \$110 /day	550.00
R. Chippett (Sampler) 8 days @ \$65 /day	520.00
R. Conner (Sampler) 8 days @ \$65/day	<u>520.00</u>
Total salaries and wages	\$ 1965.00

Camp costs:

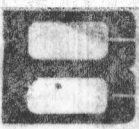
24 man days @ \$ 25.00 / day	\$ 600.00
------------------------------	-----------

Assay costs:

Silt sediment samples 25 @ \$5.30	\$ 132.50
Soil samples 114 @ \$5.30	604.20
Rock samples 12 @ \$7.35	<u>88.20</u>
Total assay costs	\$ 824.90

TOTAL EXPENDITURES

\$ 7,931.70



BONDAR-CLEGG & COMPANY LTD.

764 BELFAST ROAD, OTTAWA, ONTARIO, K1G 0Z5 PHONE: 237-3110 TELEX: 053-4455

HUDSON BAY EXPLORATION
100- 1-0 BURNS RD.
WHITEHORSE, YUKON

INVOICE: **F 04858**

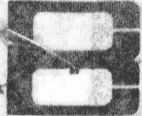
DATE: **Aug. 23/82**

REPORT NO: **G42-269**

PROJECT:

114 analysis of copper, lead, zinc, & silver	@4.60	\$524.40
114 soil sample preparations	@ .70	<u>79.80</u>
	TOTAL	<u>\$604.20</u>

7376-40



BONDAR-CLEGG & COMPANY LTD.

764 BELFAST ROAD, OTTAWA, ONTARIO, K1G 0Z5 PHONE: 237-3110 TELEX: 053-4455

HUDSON BAY EXPLORATION
100-10 BURNS RD.
WHITEHORSE, YUKON

INVOICE: **F 04517**

DATE: **July 20/82**

REPORT NO: **G42-168**

PROJECT:

281	analysis of copper, lead, zinc, & silver	@4.60	\$1292.60
154	analysis of molybdenum	@ .90	138.60
121	analysis of tin	@4.00	484.00
121	analysis of tungsten	@4.25	514.25
281	soil sample preparations	@ .70	<u>196.70</u>
	TOTAL		<u><u>\$2626.15</u></u>

7376-40

Prices O. K.	✓
Est. O. K.	✓
Quantity Checked	✓
Charge # No.	7376-40
Approved	

NORTHERN MOUNTAIN HELICOPTERS INC.

CHARTER AND CONTRACT TICKET

Charge To: HUDSON BOY Date: JUNE 15/92

P.O.

Pilot: G. PAULSON Base: Cash: Cheque: Charge:

A/C Type: ASTAR CF: NML Area: MAC PASS

From To (1)

To (2) To (3)

To (4) 7376-39 To (5) To (6) 95710 To (7) 416-50

To (8) To (9)

To (10) 210 @ 3.15 To (11) 66.15

Charter Rate 2.1 Hours at \$ 595.00 \$ 1249.50

Contract Rate Hours at \$

Fuel Charge MAC PASS 63 @ 3.15 198.45

Pilot Expenses

Other

I personally guarantee payment of this charter.

Authorized by: *John Fraser* TOTAL CHGE. 1447.95

This ticket is expressly subject to the conditions printed on the reverse side of ticket and which are hereby accepted: (Passengers' Signature)

- 1. SUN - 1.1 7.
- 2. MAC - 1.0 8.
- 3. (BAR) 9.
- 4. 10.
- 5. 11.
- 6. 12.

17920

MAIN BASE
P.O. Box 368
Prince George, B.C.
Phone 963-9622
Telex 047-8027

2 BASE
P.O. Box 280
Fort St. James, B.C.
Phone 996-7208

No. of Departures: [] No. of Passengers: [] No. of hours flown: 2.1

Lbs. cargo: [] Miles flown: []

Base or designated Pt. MAC PASS Class of flying: []

NORTHERN MOUNTAIN HELICOPTERS INC.

CHARTER AND CONTRACT TICKET

Charge To: HUDSON BOY Date: JUNE 16/92

P.O.

Pilot: G. PAULSON Base: Cash: Cheque: Charge:

A/C Type: ASTAR CF: NML Area: MAC PASS

From To (1)

To (2) To (3)

To (4) 7376-42 To (5) To (6) 95710 To (7) 416-50

To (8) To (9)

To (10) 210 @ 3.15 To (11) 66.15

Charter Rate 2.1 Hours at \$ 595.00 \$ 1249.50

Contract Rate Hours at \$

Fuel Charge MAC PASS 63 @ 3.15 198.45

Pilot Expenses

Other

I personally guarantee payment of this charter.

Authorized by: *John Fraser* TOTAL CHGE. 1447.95

This ticket is expressly subject to the conditions printed on the reverse side of ticket and which are hereby accepted: (Passengers' Signature)

- 1. SUN - 1.1 7.
- 2. MAC - 1.0 8.
- 3. (BAR) 9.
- 4. 10.
- 5. 11.
- 6. 12.

17921

MAIN BASE
P.O. Box 368
Prince George, B.C.
Phone 963-9622
Telex 047-8027

2 BASE
P.O. Box 280
Fort St. James, B.C.
Phone 996-7208

No. of Departures: [] No. of Passengers: [] No. of hours flown: 2.1

Lbs. cargo: [] Miles flown: []

Base or designated Pt. MAC PASS Class of flying: []

NORTHERN MOUNTAIN HELICOPTERS INC.

CHARTER AND CONTRACT TICKET

Charge To: HUDSON BAY Date: JUNE 19/82

P.O.

Pilot: L. PAULSON Base: Cash: Cheque: Charge:

A/C Type: A-STAR CF: NML Area: MAC PASS

From	To (1)
To (2)	To (3)
To (4)	To (5)
To (6)	To (7)
To (8)	To (9)
To (10)	To (11)

Charter Rate	2.0	Hours at \$	595.00	\$	1190.00	
Contract Rate		Hours at \$				
Fuel Charge	MAC PASS 60 @ 3.15				189.00	
Pilot Expenses						
Other						
I personally guarantee payment of this charter.					TOTAL CHGE.	1379.00

This ticket is expressly subject to the conditions printed on the reverse side of ticket and which are hereby accepted: (Passengers' Signature)

- 1. SUN - 1.3
- 2. MAC - 0.5
- 3. (SPAR) - 0.2
- 4.
- 5.
- 6.

17924

MAIN BASE
P.O. Box 368
Prince George, B.C.
Phone 963-9622
Telex 047-8027

2 BASE
P.O. Box 280
Fort St. James, B.C.
Phone 996-7208

No. of Departures	No. of Passengers	No. of hours flown	Base or designated Pt.
		2.0	MAC PASS
	Lbs. cargo	Miles flown	Class of flying

NORTHERN MOUNTAIN HELICOPTERS INC.

CHARTER AND CONTRACT TICKET

Charge To: HUDSON BAY Date: JUNE 17/82

P.O.

Pilot: L. PAULSON Base: Cash: Cheque: Charge:

A/C Type: A-STAR CF: NML Area: MAC PASS

From	To (1)
To (2)	To (3)
To (4)	To (5)
To (6)	To (7)
To (8)	To (9)
To (10)	To (11)

Charter Rate	2.5	Hours at \$	595.00	\$	1487.50	
Contract Rate		Hours at \$				
Fuel Charge	MAC PASS 75 @ 3.15				236.25	
Pilot Expenses						
Other						
I personally guarantee payment of this charter.					TOTAL CHGE.	1723.75

This ticket is expressly subject to the conditions printed on the reverse side of ticket and which are hereby accepted: (Passengers' Signature)

- 1. SUN - 1.4
- 2. MAC - 1.1
- 3. (BAR)
- 4.
- 5.
- 6.

17922

MAIN BASE
P.O. Box 368
Prince George, B.C.
Phone 963-9622
Telex 047-8027

2 BASE
P.O. Box 280
Fort St. James, B.C.
Phone 996-7208

No. of Departures	No. of Passengers	No. of hours flown	Base or designated Pt.
		2.5	MAC PASS
	Lbs. cargo	Miles flown	Class of flying

NORTHERN MOUNTAIN HELICOPTERS INC.

CHARTER AND CONTRACT TICKET

Charge To: HUDSON BAY Date: JUNE 20/82

P.O.

Pilot G. PAULSON Base _____ Cash _____ Cheque _____ Charge X

A/C Type A-STAR CF NML Area MAC PASS

From	To (1)
To (2)	To (3)
To (4)	To (5)
To (6)	To (7)
To (8)	To (9)
To (10)	To (11)

Charter Rate <u>2.4</u>	Hours at \$ <u>595.00</u>	\$ <u>1428.00</u>
Contract Rate	Hours at \$	
Fuel Charge <u>MAC PASS 72 @ 3.15</u>		<u>226.80</u>
Pilot Expenses		
Other		

I personally guaranteed payment of this charter.

Authorized by: Alan Fraser TOTAL CHGE. 1654.80

This ticket is expressly subject to the conditions printed on the reverse side of ticket and which are hereby accepted: (Passengers' Signature)

- 1. SUN - 1.3 7.
- 2. MAC - 1.1 8.
- 3. (BAR) 9.
- 4. 10.
- 5. 11.
- 6. 12.

MAIN BASE
P.O. Box 368
Prince George, B.C.
Phone 963-9622
Telex 047-8027

2 BASE
P.O. Box 280
Fort St. James, B.C.
Phone 996-7208

No. of Departures	No. of Passengers	No. of hours flown	Base or designated Pt.
		<u>2.4</u>	<u>MAC PASS</u>
	Lbs. cargo	Miles flown	Class of flying

NORTHERN MOUNTAIN HELICOPTERS INC.

CHARTER AND CONTRACT TICKET

Charge To: HUDSON BAY Date: JULY 25/82

P.O.

Pilot G. PAULSON Base _____ Cash _____ Cheque _____ Charge X

A/C Type A-STAR CF NML Area MAC PASS

From	To (1)
To (2)	To (3)
To (4)	To (5)
To (6)	To (7)
To (8)	To (9)
To (10)	To (11)

Charter Rate <u>3.7</u>	Hours at \$ <u>595.00</u>	\$ <u>2201.50</u>
Contract Rate	Hours at \$	
Fuel Charge <u>MAC PASS 111 @ 3.15</u>		<u>349.65</u>
Pilot Expenses		
Other		

I personally guaranteed payment of this charter.

Authorized by: Alan Fraser TOTAL CHGE. 2551.15

This ticket is expressly subject to the conditions printed on the reverse side of ticket and which are hereby accepted: (Passengers' Signature)

- 1. RELIANCE 3.1 7.
- 2. SUN - 2.8 8.
- 3. 9.
- 4. 10.
- 5. 11.
- 6. 12.

MAIN BASE
P.O. Box 368
Prince George, B.C.
Phone 963-9622
Telex 047-8027

2 BASE
P.O. Box 280
Fort St. James, B.C.
Phone 996-7208

No. of Departures	No. of Passengers	No. of hours flown	Base or designated Pt.
		<u>3.7</u>	<u>MAC PASS</u>
	Lbs. cargo	Miles flown	Class of flying

NORTHERN MOUNTAIN HELICOPTERS INC.

CHARTER AND CONTRACT TICKET

Charge To: HUDSON BAY Date: 29 July 82

P.O. _____

Pilot	<u>BACHINSKY</u>	Base	<u>PT</u>	Cash	Cheque	Charge	<input checked="" type="checkbox"/>
A/C Type	<u>BELL 206</u>	CF	<u>NMW</u>	Area	<u>MAC</u>	<u>MASS</u>	
From	<u>(1.3)</u>	To (1)	<u>(1.1)</u>	<u>SUN</u>			
To (2)	<u>(1.3)</u>	<u>SUN</u>	To (3)	<u>(.6)</u>			
To (4)		To (5)					
To (6)	<u>9376-39</u>	To (7)					
To (8)		To (9)					
To (10)		To (11)					

Charter Rate	<u>4.3</u>	Hours at \$	<u>500.00</u>	\$	<u>2150.00</u>
Contract Rate		Hours at \$			
Fuel Charge	<u>(.63) MAC MASS Remainder Customer</u>				<u>118.90</u>
Pilot Expenses	<u>Fuel</u>		<u>613.15</u>		

Other _____
Terms: Net 30 days; Service charge on overdue accounts.

I personally guarantee payment of this charter.

Authorized by: Robert [Signature]

TOTAL CHGE. 2168.90

This ticket is expressly subject to the conditions printed on the reverse side of ticket and which are hereby accepted: (Passengers' Signature)

- 2.4 SUN CLS
- 1.9 REGIONAL
-
-
-
-
-
-
-
-
-
-

18580

MAIN BASE
 P.O. Box 368
 Prince George, B.C.
 Phone 963-9622
 Telex 047-8027

2 BASE
 P.O. Box 280
 Fort St. James, B.C.
 Phone 996-7208

No. of Departures	No. of Passengers	No. of hours flown	Base or designated Pt.
		<u>4.3</u>	<u>MAC MASS</u>
	Lbs. cargo	Miles flown	Class of flying
			<u>04</u>

APPENDIX II

GLENN A. FRASER

ADDRESS: #201 - 19 Roundel Road,
Whitehorse, Yukon Territory.
Y1A 3H3

EDUCATION: B. Sc. (Geology) from University of Toronto
Graduated in 1981

EMPLOYMENT: 1981-1982 Hudson Bay Exploration and Development Co. Ltd.
Whitehorse Office.
Project Geologist - Supervised geological mapping,
geochemical and prospecting programs
Macmillan Pass Area, Y. T.