

near Mr. Murray

SOIL GEOCHEMICAL AND BEDROCK SAMPLING REPORT

This report has been examined by the Geological Evaluation Unit and is recommended to the Commissioner of the Yukon Territory as representation work in the context of Section 82 (4) Yukon Quartz Mining Act.
Considered as representation work under Section 82 (4) Yukon Quartz Mining Act.
105 F 9



REO CLAIMS

(Claims - 41, 42, 43, 44, 57, 58, 59, 60, 61, 62, 64, 67, 68, 69, 70, 71, & 72)



62°34' / 132°15'

Field Work and Report by C. R. Eastman

090719



This report has been examined by the Geological Evaluation Unit and is recommended to the Commissioner to be considered as representation work in the amount of

\$ 1,500.00

[Signature]

Resident Geologist or
Resident Mining Engineer

Considered as representation work under
Section 53 (4) Yukon Quartz Mining Act.

B. R. BAXTER
Supervising Mining Recorder

[Signature]
Commissioner of Yukon Territory



090719

FROM Watson Lake

TO Supervising Mining Recorder at Whitehorse, Y.T.



FOR ACTION ARE:

NEW APPL'N for PLACER LEASE to PROSPECT: Name: _____ Lease No. _____

RENEWAL APPL'N PLACER LEASE to PROSPECT: Name: _____ Lease No. _____

AFFIDAVIT of EXPENDITURE on PLACER LEASE. Name: _____ Lease No. _____

ASSIGNMENT of PLACER LEASE No. _____
From: _____ To: _____

GROUPING APPL'N UNDER SEC. 52(2) PLACER MINING ACT.
Owner: _____

DIAMOND DRILL LOGS.
Claims: _____ Claim sheet no. _____

QUARTZ ASSESSMENT REPORT
Claims: REO Claim sheet no. 105-F-9
Type of report: GEOCHEMICAL Submitted by: C.R. Eastman.

Cls. work performed on: REO 57-60
69-70 \$ Req. for ren. application \$1500.00

[Signature]
Signature

REPLY ACTION

Date Ret.

Signature

SOIL GEOCHEMICAL AND BEDROCK SAMPLING REPORT

on

REO CLAIMS

CLAIMS AND GRANT NUMBERS

REO # 41	YA 46935
REO # 42	YA 46936
REO # 43	YA 46937
REO # 44	YA 46938
REO # 57	YA 46951
REO # 58	YA 46952
REO # 59	YA 46953
REO # 60	YA 46954
REO # 61	YA 46955
REO # 62	YA 46956
REO # 64	YA 46958
REO # 67	YA 46961
REO # 68	YA 46962
REO # 69	YA 46963
REO # 70	YA 46964
REO # 71	YA 46965
REO # 72	YA 46966

105 F 9

62°34' / 132°15'

Field Work and Report by C. R. Eastman

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B - 2	Silver Values
B - 3	Lead Values

INTRODUCTION

The claims referred to in this report are registered to Jim Atkinson, William Besner and Douglas MacPheat.

The claims consist of one group of 11 claims, REO # 41,42,43,44,57,58,59,60,61,62 and 64; and another group of 6 claims, REO # 67,68,69,70,71 and 72.

The claims are located approximately 3 to 4 miles west of the Ketz River on the north fork tributary of Cache Creek, and on Mt. Misery at the head of this drainage, on Claim Sheet 105 F 9.

Access is by road from Ross River, Yukon, approximately 45 Miles, and by foot for the last 4 Miles.

Soil sampling was done on lines which were compassed, flagged and chained as per diagrams. Bedrock chip sampling was done in trenched areas as per diagram.

Field work was done by myself and an assistant, during the period of Aug. 3 to Aug. 8, 1980

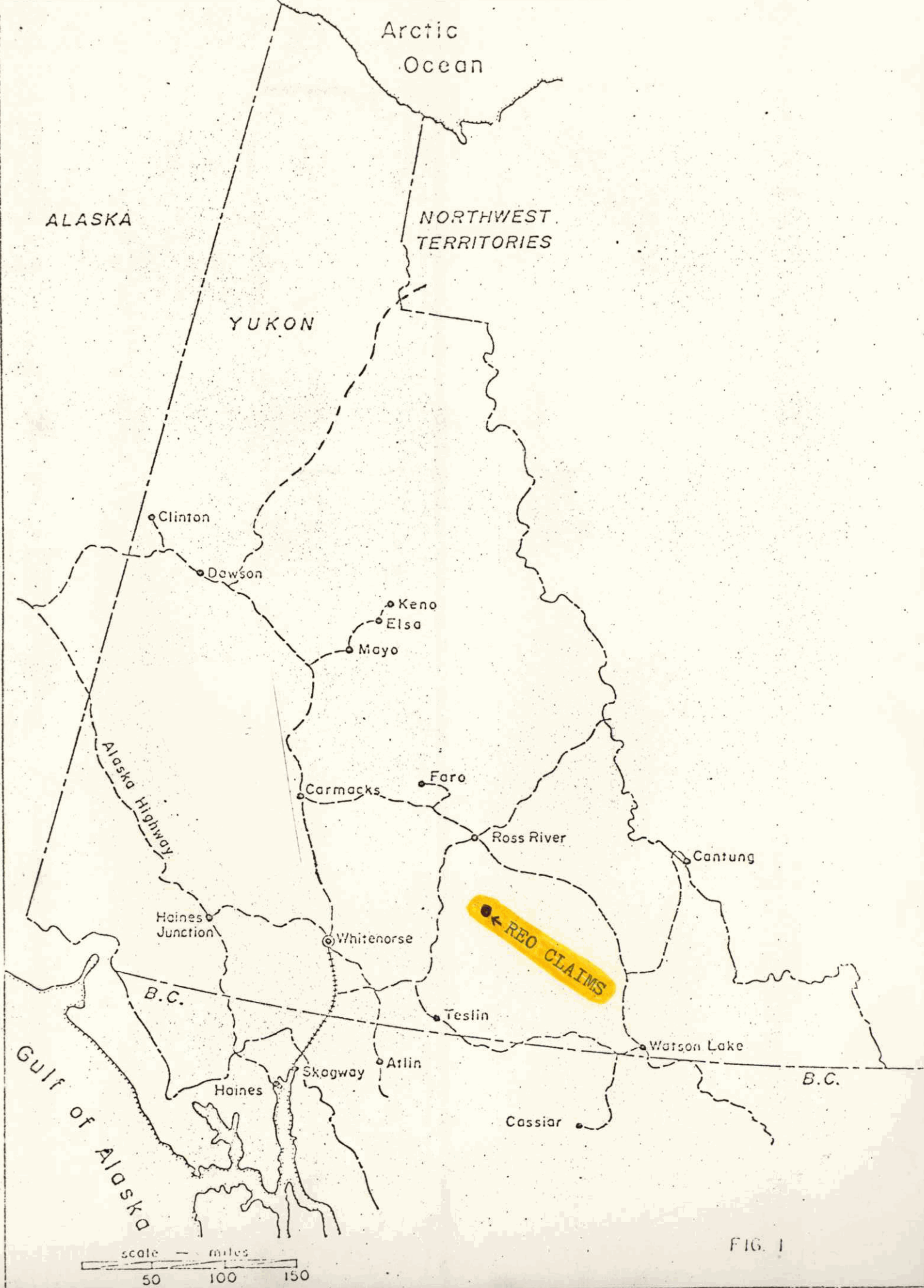
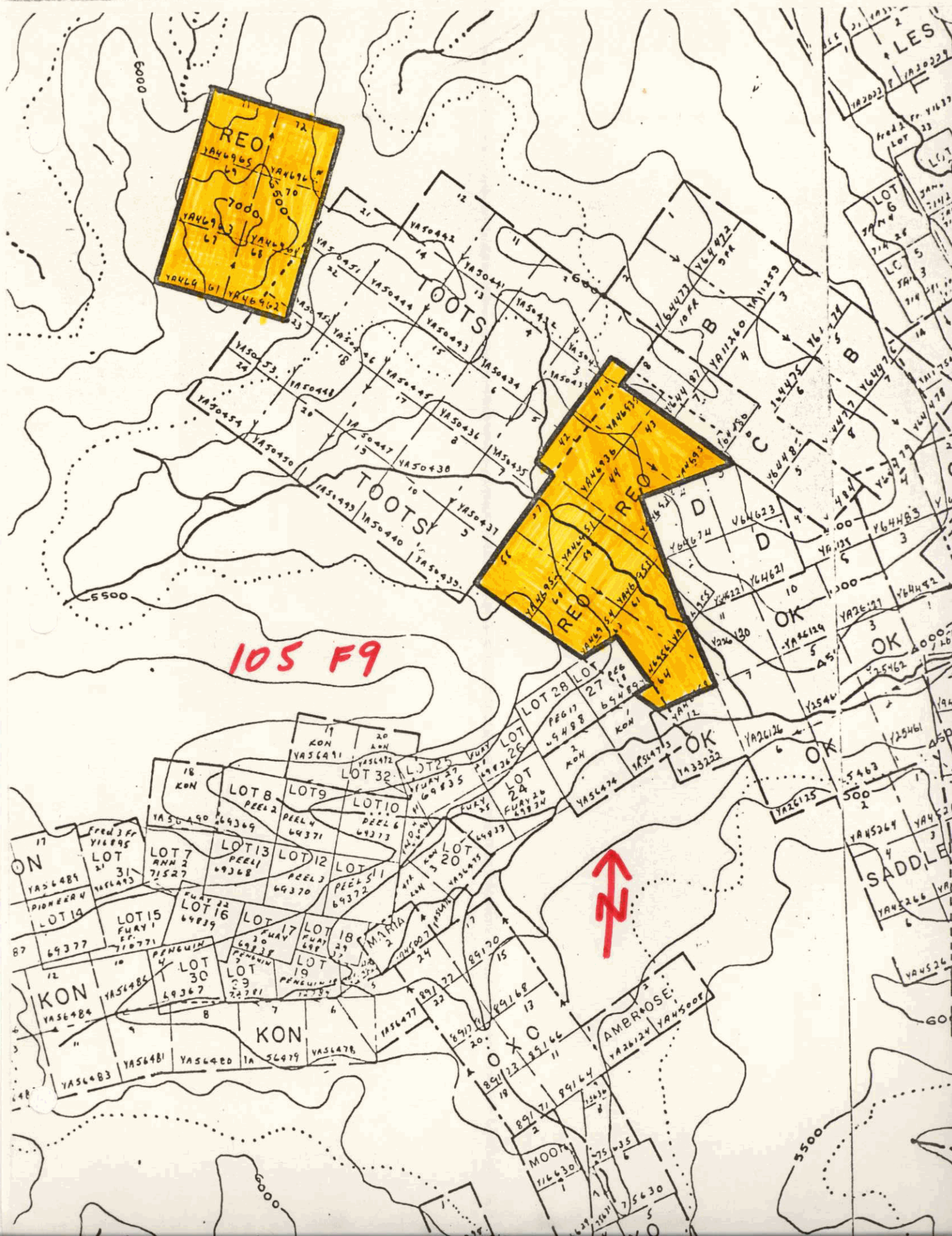


FIG. 1



105 F9



GEOCHEMICAL SOIL SURVEY

All soils were analyzed for silver and lead by Barringer Magenta Ltd. in Whitehorse, Yukon.

Sampling Method

Samples were obtained by digging holes with a grub-hoe to the depth of the "B" Horizon where possible. The samples were placed in Kraft Paper Bags and the grid stations were marked on the envelopes.

Laboratory Determination Method

The samples were dried, then the material screened and sifted to -80 mesh fraction. A portion of this material was digested in chemical solution, then diluted with demineralized water. Quantitative analysis for silver and lead was then performed using an Atomic Absorption Spectrophotometer to determine results recorded in parts per million.

BEDROCK CHIP SAMPLING

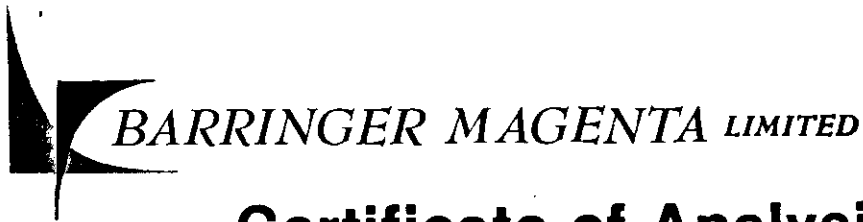
Samples were assayed for Gold, Silver, Lead and Zinc as shown on Assay Certificate of Analysis

Sampling Method

Samples were obtained by excavating broken material from old trenches and fresh rock samples were chipped from exposed mineralized bedrock with rock pick.

Presentation of Results

Results of soil survey and bedrock sampling are as shown in Maps A-1,2,3 & B-1,2,3 of this report; Soil results in parts per million and bedrock results in percentage, and oz. per ton.



3750 - 19th STREET N.E.
 SUITE 105
 CALGARY, ALBERTA
 CANADA T2E 6V2
 PHONE: (403) 276-9701
 TELEX: 03-827584

Certificate of Analysis

Report No. 80-177W

Jacobson & Eastman,
 Canarim Investment Corp. Ltd.,
 212 4103 4th Ave.
 Howeve Bldg.,
 Whitehorse, Yukon.

Date Sept. 29, 1980.
 Page 1/2

Authority: Ian Jacobson

I HEREBY CERTIFY that the following analyses were performed by us on the herein described Soil & Rock samples. *m.p.*

SAMPLE NUMBER	Ag ppm	Pb ppm	Sample Number	Ag ppm	Pb ppm	
1	3.1	17,800	19	0.4	45	
2	2.5	21,200	20	0.6	160	
3	1.9	20,800	21	0.5	25	
4	3.0	15,800	22	0.7	95	
5	1.1	7,700	23	1.1	130	
6	1.5	9,700	24	1.1	130	
7	1.7	6,600	25	0.5	80	
8	1.9	3,600	26	0.4	18	
9	1.4	1,800	27	0.3	11	
10	1.80	1,200	28	0.5	9	
11	0.1	30	29	0.4	21	
12	0.4	18	30	0.6	30	
13	0.4	40	31	0.4	72	
14	0.2	6	32	0.5	30	
15	0.2	20	33	0.8	110	
16	0.3	30	34	0.3	80	
17	0.2	40	35	0.6	80	
18	0.4	20				

Note: Rejects retained one month.
 Pulps retained three months
 unless previous arrangements
 made in advance.

Barringer Magenta Ltd.

Signed

DISCUSSION OF RESULTS

Soil results from samples 1 to 10, taken over the gossan area are anomalous and probably indicate another mineralized zone immediately below the sampled area.

Bedrock sample results indicate that there are significant silver values with the lead mineralization.


Soil results from samples 11 to 35, taken over the area where mineralized float was found are erratic, 4 of these samples are higher than background and could be indicative of mineralization in bedrock near surface.

CONCLUSIONS AND RECOMMENDATIONS

Additional work should be carried out;

- 1) Trenching should be done over the gossan zone where the high geo-chemical values were obtained.
- 2) More trenching over the area where bedrock samples were taken.
- 3) Geological mapping of all trenches.
- 4) Electromagnetic surveying over the area of samples 11 to 35, where mineralized float was found.

Signed


C. R. Eastman

APPENDIX

CLAIMS AND GRANT NUMBERS

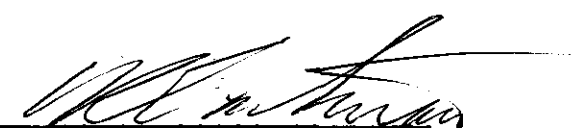
REO # 41	YA 46935
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REO # 67	YA 46961
REO # 68	YA 46962
REO # 69	YA 46963
REO # 70	YA 46964
REO # 71	YA 46965
REO # 72	YA 46966

STATEMENT OF QUALIFICATIONS

I, Charles Richard Eastman, of the City of Whitehorse, Yukon Territory, Do Certify That:

- 1) I have been employed as a prospector and exploration technician, and been engaged as a contractor by the mineral exploration industry for more than ten years.
- 2) I hold prospecting course certificates from the Yukon Chamber of Mines, the B.C. & Yukon Chamber of Mines and the University of Alaska.
- 3) Attached is a letter from the Chief Inspector of Mines for the Yukon Territory, giving me authorization to conduct geochemical and geological work on the REO Claims, in which I have a participating interest.

Signed


C. R. Eastman



Indian and
Northern Affairs

Affaires indiennes
et du Nord

NORTHERN AFFAIRS PROGRAM.

200 Range Road,
Whitehorse, Y.T.
Y1A 3V1.

May 27, 1980

Your file Votre référence

Our file Notre référence

A-254

Mr. C.R. Eastman,
Box 4411,
Whitehorse,
Yukon Territory.

Dear Sir:

This letter is your authority to conduct a geophysical, geochemical and geological mapping examination of the REO Claims (57 in total) located in six (6) groups in the Ketzka River Valley (Watson Lake Mining District) and submit this examination for consideration as assessment work.

Yours very truly,

D. Bruce Stewart, P. Eng.
Chief Inspector of Mines
for Yukon Territory.

cc. Watson Lake Mining Recorder
Supervising Mining Recorder
R. Debicki

DBS:ar.

STATEMENT OF COST

PROJECT - REO CLAIMS

DATE - AUGUST 1980

Wages - C. R. Eastman - P. O. Box 4411, Whitehorse, Y.T.
No. of days - 6
Rate per day - \$100.00
Dates - August 3/80 to August 8/80
6 days x \$100.00 \$ 600.00

Wages - E. Glada - assistant - General Delivery, Ross River, Y.T.
No. of days - 4
Rate per day - \$ 50.00
Dates - August 4/80 to August 7/80
4 days x \$ 50.00 \$ 200.00

Groceries purchased for field project \$ 91.00

Transportation of camp, equipment and
supplies etc. - Eastman's vehicle
Whitehorse to Ross River - 255 Miles
Ross River to REO Project- 45 "
REO Project to Ross River- 45 "
Ross River to Whitehorse - 255 "
Total Milage - 600 "
600 Miles @ 40¢ per Mile \$ 240.00

Soil and Rock Analysis \$ 195.75

Preparation of Report

Author - C. R. Eastman - 1 day @ \$100.00 \$ 100.00
Typing by Eastman - ½ day @ \$50.00 \$ 50.00
Drafting by Eastman - ½ day @ \$50.00 \$ 50.00

TOTAL COST - \$1526.75

Aug 8 1980

**C. R. EASTMAN
EXPLORATION SERVICES**

Received from
Reçu de P.O. BOX 4611
WHITEHORSE, YUKON

x Dollars
100

Two Hundred

Field assistance - 4 days - Geo-chemical prospecting & sampling

\$200.00 x D. Gladat

Wendy O. ...

DATE Aug 12 1980

NAME Eastman Exp

ADDRESS _____

SOLD BY	CO. NO.	CHARGE	ON ACCT.	ACCT. NO.
1				
2	<u>Green</u>			<u>910</u>
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				<u>910</u>

06492 [Signature]

REDIFORM - 5M41

MAP A-1



REO CLAIMS

105 F 9

Grant numbers

Soil Sample Locations • 2

Bedrock Sample Locations \ R2

Scale - 1 inch = 200 meters

