

3813

GEOCHEMICAL REPORT

CANADIAN SUPERIOR EXPLORATION LTD.

CLAIMS: SIL 11 - 12 Inc.
 SIL 23 - 28 Incl.

70 miles N.E. of Williams Lake

93A/15W

52° 120° S.E.

September 10th, 1972

W. Rainboth, P. Eng.

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT

NO. **3813** MAP

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MAPS IN POCKET

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INTRODUCTION

The present report deals with a geochemical survey on 8 claims of the SIL Group (SIL 11 to 12, 23 to 28) about 4 miles west of Maeford Lake. The property is owned by Cliff Gunn of Williams Lake. The only access to the property is by helicopter 70 miles NE from Williams Lake. Soil samples (85) were analyzed for the lead, silver and zinc and were taken at 200 foot intervals along lines spaced at 800 feet. The purpose of the survey was to locate definite geochemical targets for further exploration, resulting from concentrates of lead mineralization seen in scattered outcrops. The work was done from June 30th to July 24th, 1972 at a cost of \$ 1,073.25.

RECOMMENDATIONS:

There does not appear to be any justification for further work on these claims at this time.

GEOCHEMICAL METHODS:

1. The soil samples were taken with the aid of a steel auger or hammer-mattock (grub-hoe). Most of the samples were collected at fairly shallow depths of 6 to 12 inches so that in most cases the grub-hoe was all that was necessary

to clear away the superficial humus material ("A" horizon) and expose the reddish brown sandy loam and clay comprising the "B" horizon which was the horizon sampled.

2. The samples were packaged in soil sample envelopes supplied by Canada Envelope Company of Montreal and of "High Wet Strength, Kraft" brown paper with wet strength of 32 lbs., measuring 3 1/2 inches by 8 1/2 inches when the flap of the envelope is folded.
3. The samples were partially dried in the field by suspending them in the bags under the roof of a tent. The bags have holes pierced in them for stringing several together for this purpose.

In the laboratory, the samples were dried in a warm oven while still in the bags. The samples were screened through an 80 mesh nylon screen, the fines being used for analysis.

4. The tests for total lead, zinc and silver were all carried out in the laboratory of Kamloops Research & Assay Laboratory Ltd. No field tests were carried out.
5. The tests were performed as follows:

Method for dissolution of lead, zinc and silver for soils only:

- a. Screen dried sample through 80 mesh sieve, save - 80#
- b. Weigh one gram of = 80# fraction into 20 ml tube.
- c. Digest for fifteen minutes with 1 - 3 nitric acid (20 x HNO₃).
- d. Shake well, digest for further fifteen minutes with 1 - 1 HCl (15% HCl), Shake intermittently.

- e. Dilute to 15 ml. mark with water, return to plate to heat to near boiling. Cap, invert several times, and read on Unicam SP 90 A Series Two, as soon as possible.

RESULTS

The results of this survey show no zone of anomalous material. The only significant reading is obtained on L0+00, 22 + 00 E (720 ppm lead and 536 ppm zinc). This may be attributed to the PbS mineralization seen in the o/c in this area. Mineralization is very sparse and there is no indication of continuity from careful examination of the dolomite o/c.

The geochemical results also indicate this.

W. Remboldt
P. Eng.

COST STATEMENT

June 30th to July 24th, 1972.

Wages:

D. Leishman	3 days @ \$ 30.00	\$ 90.00
L. Ferguson	3 days @ \$ 20.00	60.00
G. Ridd	3 days @ \$ 25.00	75.00
N. Muir	3 days @ \$ 20.00	60.00
W. Rainboth	1 day @ \$ 60.00	60.00
		<u>\$ 345.00</u>

Transportation:

Okanagan Helicopters \$ 390.00

Food & Equipment \$ 164.00

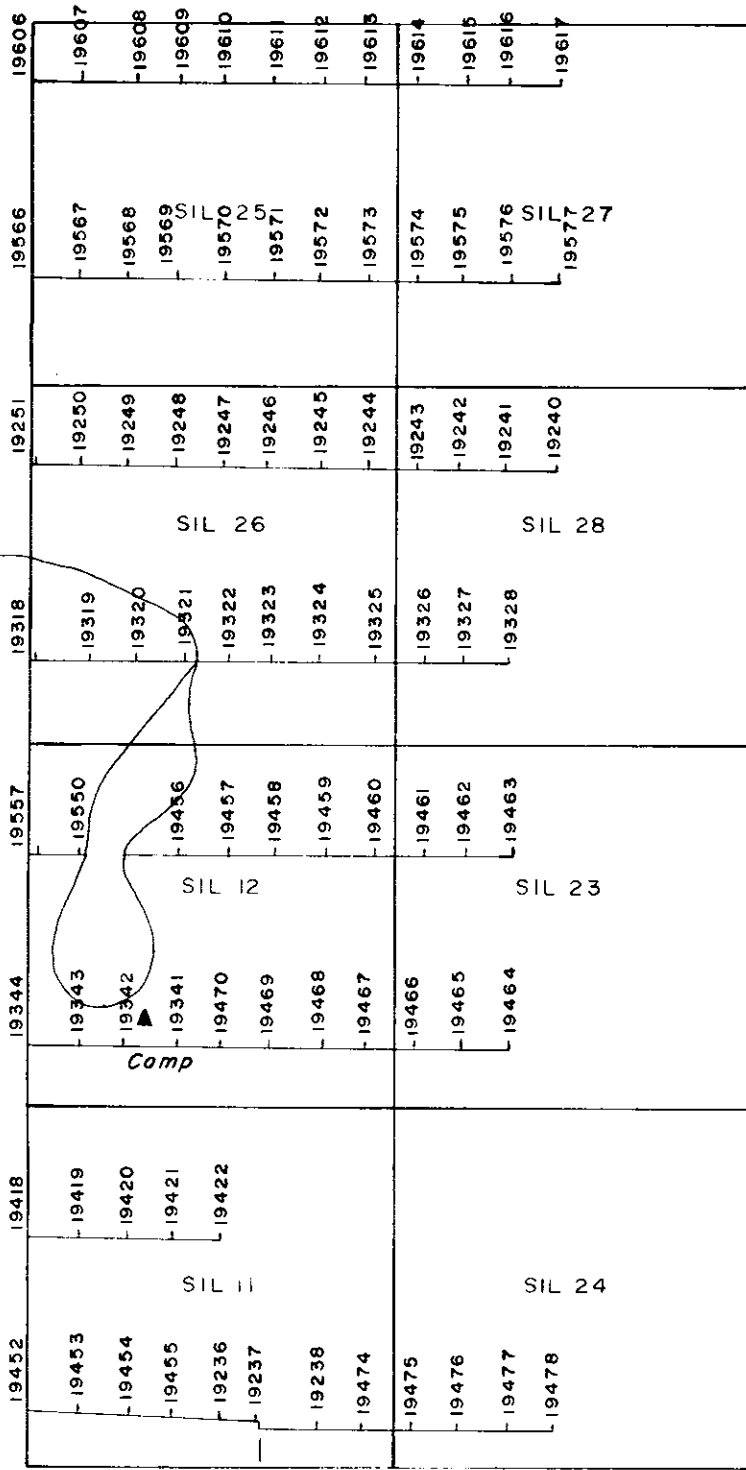
Geochemical Assaying (3 elements)

85 samples x \$ 2.05 \$ 174.25

\$ 1,073.25

W. Rainboth
P.F.

N



- L 40 N
- L 32 N
- LL
- L 24 N
- L 16 N
- L 8 N
- L 0+00
- LL
- L 8 S
- L 16 S



- L 16 E
- L 20 E
- TIE LINE 24 E
- L 28 E
- L 32 E
- L 36 E

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W Rainboth P. Eng.

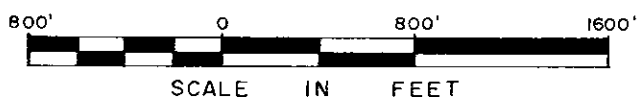
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SEPT. 1972

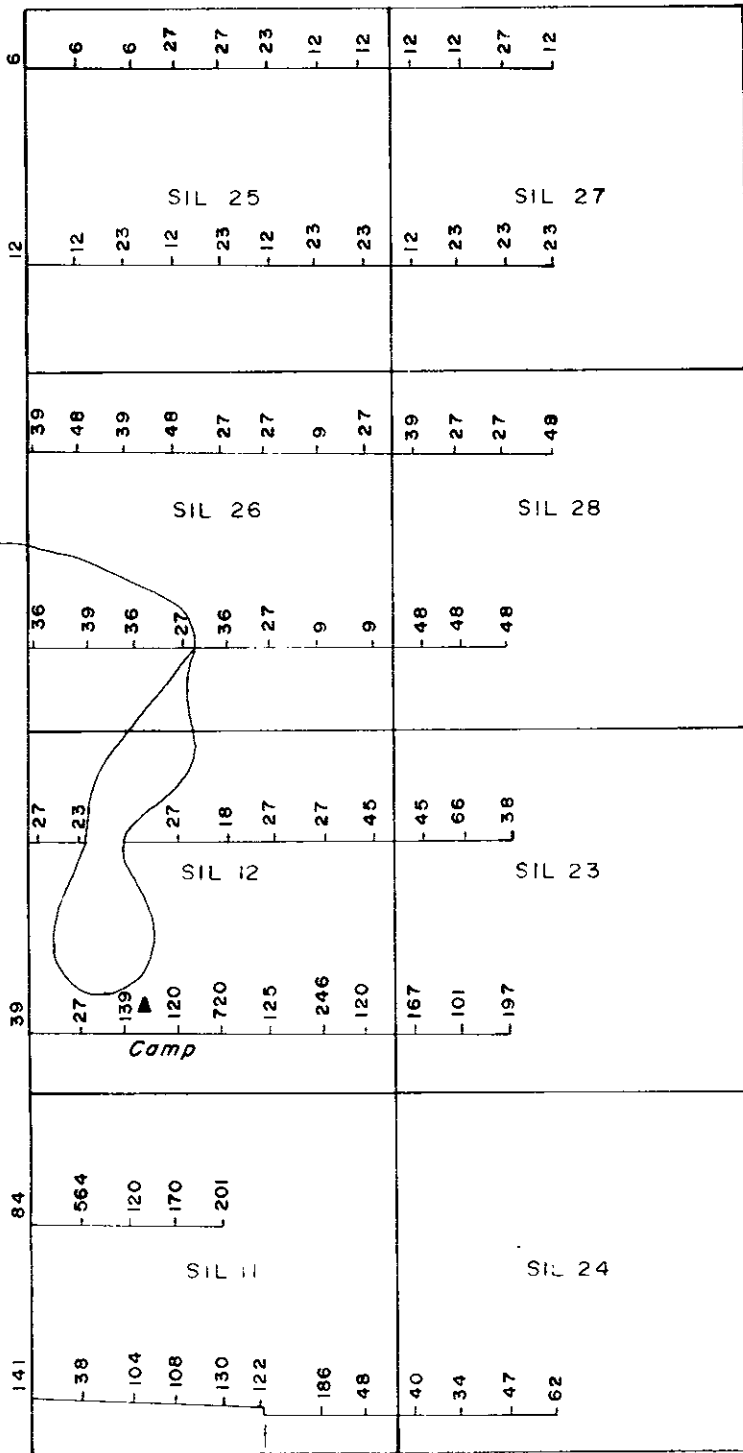
PLATE 1

CANADIAN SUPERIOR EXPLORATION LTD KAMLOOPS BRITISH COLUMBIA	
SIL 11 & 12, SIL 23 - 28	
GRID AND CLAIM MAP WITH SAMPLE LOCATIONS	
Date : SEPTEMBER 1972	Drawn by : D.A.L.
Scale : 1" = 800'	Approved by :

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M-1





- L 40 N
- L 32 N
- LL
- L 24 N
- L 16 N
- L 8 N
- L 0+00
- LL
- L 8 S
- L 16 S

- L 16 E
- L 20 E
- TIE LINE 24 E
- L 28 E
- L 32 E
- L 36 E

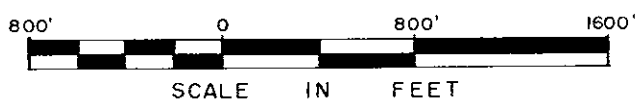
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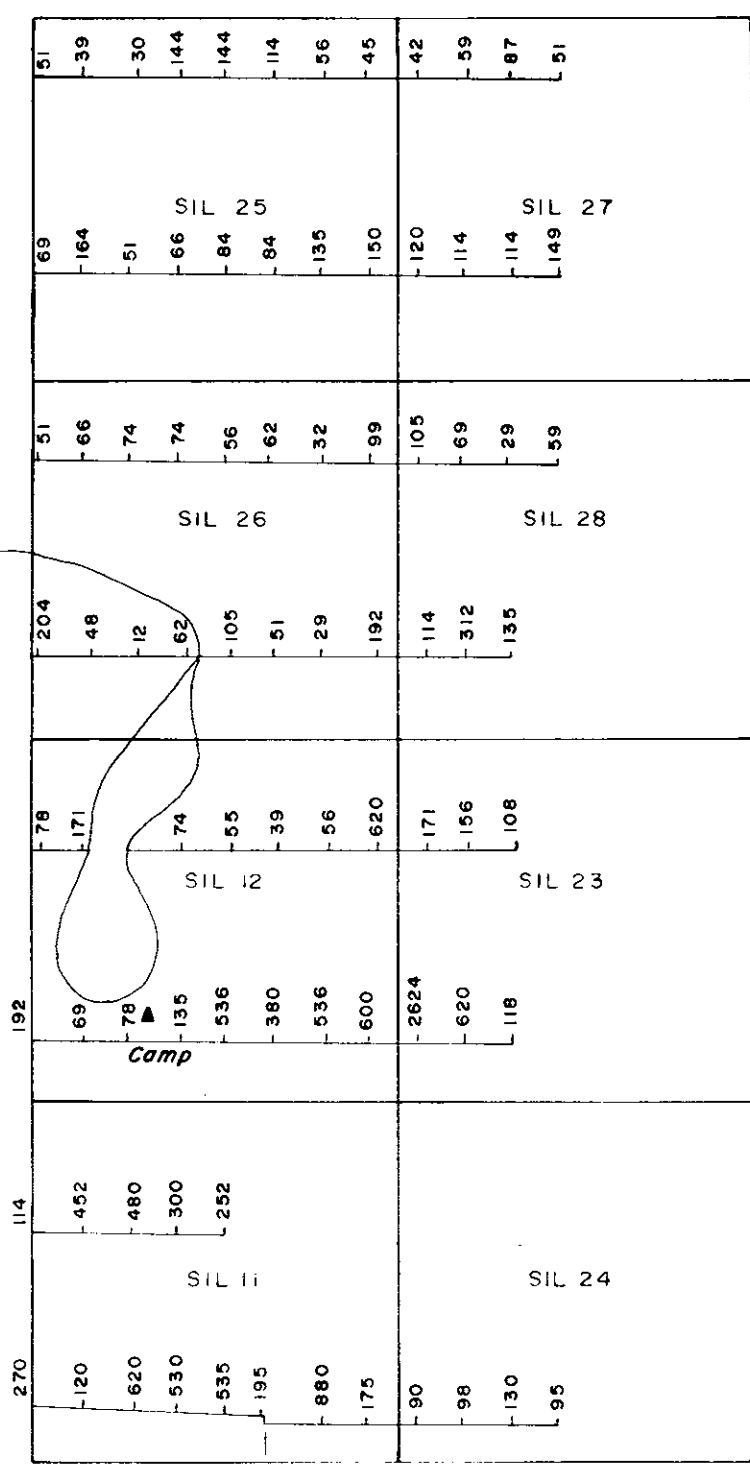
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PLATE 2

CANADIAN SUPERIOR EXPLORATION LTD KAMLOOPS BRITISH COLUMBIA	
SIL 11 & 12, SIL 23 - 28	
GEOCHEMICAL SURVEY TOTAL Pb IN P.P.M.	
Date : SEPTEMBER 1972	Drawn by : D.A.L.
Scale : 1" = 800'	Approved by :



N



- L 40 N
- L 32 N
- LL
- L 24 N
- LL
- L 16 N
- L 8 N
- L 0+00
- LL
- L 8 S
- L 16 S

- L 16 E
- L 20 E
- TIE LINE 24 E
- L 28 E
- L 32 E
- L 36 E

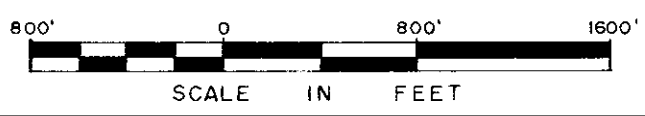
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NO. 3813 MAP #3

W. Rainboth P. Eng.

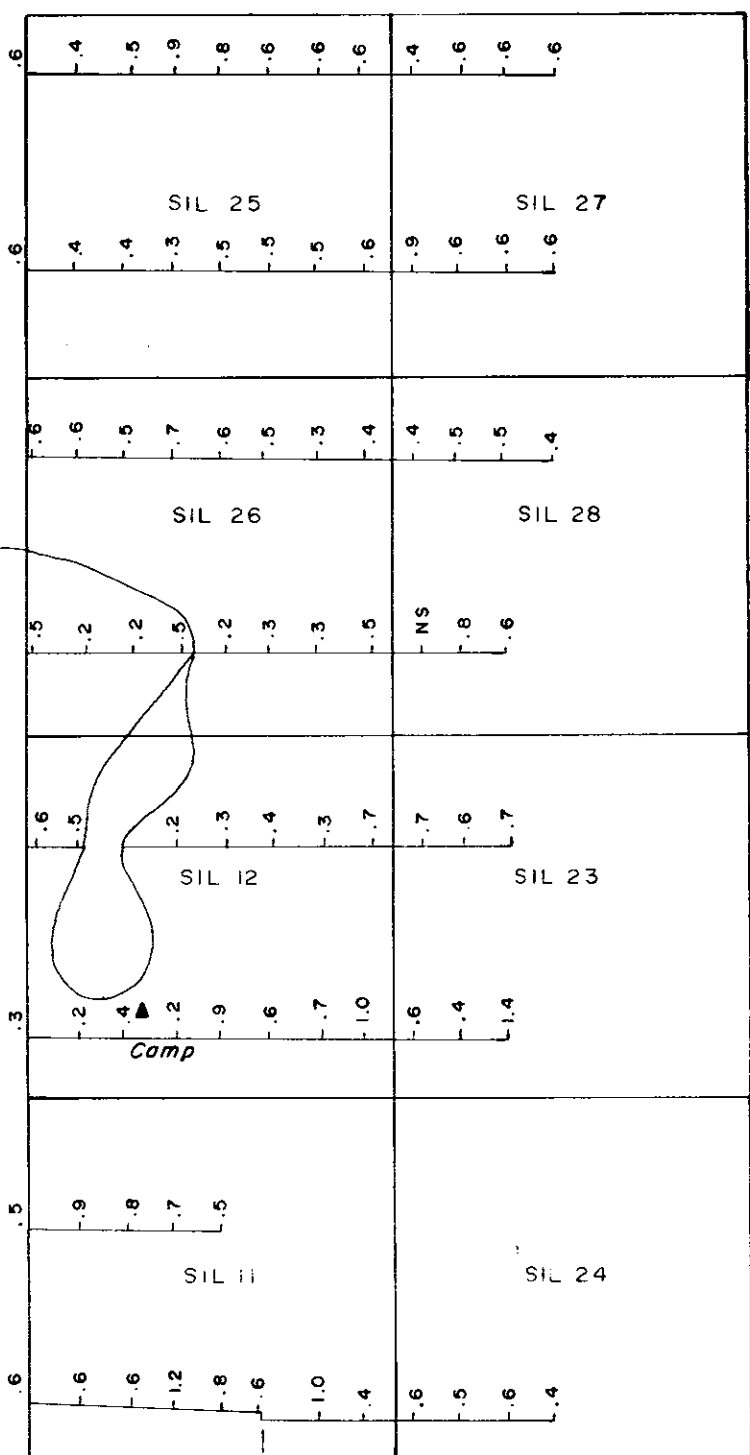
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SEPT. 1972

PLATE 3

CANADIAN SUPERIOR EXPLORATION LTD	
KAMLOOPS	BRITISH COLUMBIA
SIL 11 & 12, SIL 23 - 28	
GEOCHEMICAL SURVEY TOTAL Zn IN P.P.M.	
Date : SEPTEMBER 1972	Drawn by : D.A.L.
Scale : 1" = 800'	Approved by :



N



- L 40 N
- L 32 N
- LL
- L 24 N
- L 16 N
- L 8 N
- L 0+00
- LL
- L 8 S
- L 16 S

- L 16 E
- L 20 E
- TIE LINE 24 E
- L 28 E
- L 32 E
- L 36 E

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PLATE 4

CANADIAN SUPERIOR EXPLORATION LTD	
KAMLOOPS	BRITISH COLUMBIA
SIL 11 & 12, SIL 23 - 28	
GEOCHEMICAL SURVEY TOTAL Ag IN P.P.M.	
Date : SEPTEMBER 1972	Drawn by : D.A.L.
Scale : 1" = 800'	Approved by :

