

GEOCHEMICAL REPORT

CANADIAN SUPERIOR EXPLORATION LTD.

CLAIMS: SIL 1 - 10 Inc.
 SIL 13 - 22 incl.

70 miles N.E. of Williams Lake

52° 120° S.E.

August 10th, 1972.

W. Rainboth, P. Eng.

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. **3783** MAP.....

TABLE OF CONTENTS

	<u>Page</u>
INTRODUCTION	1
RECOMMENDATIONS	1
GEOCHEMICAL METHODS	1
RESULTS	3
COST STATEMENT	4

MAPS IN POCKET:

#1	1. Claim & Grid	1" = 800'
#2	2. Geochemical Survey	Pb - 1" = 800'
#3	3.	Zn - 1" = 800'
#4	4.	Ag - 1" = 800'

INTRODUCTION

The present report deals with a geochemical survey on 20 claims of the SIL Group (SIL 1 to 10, 13 to 22) 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 (252) 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 \$2,943.60.

RECOMMENDATIONS:

An I.P. Survey should be done in the area of geochemical anomaly.

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 ($20 \times \text{HNO}_3$).
 - 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:

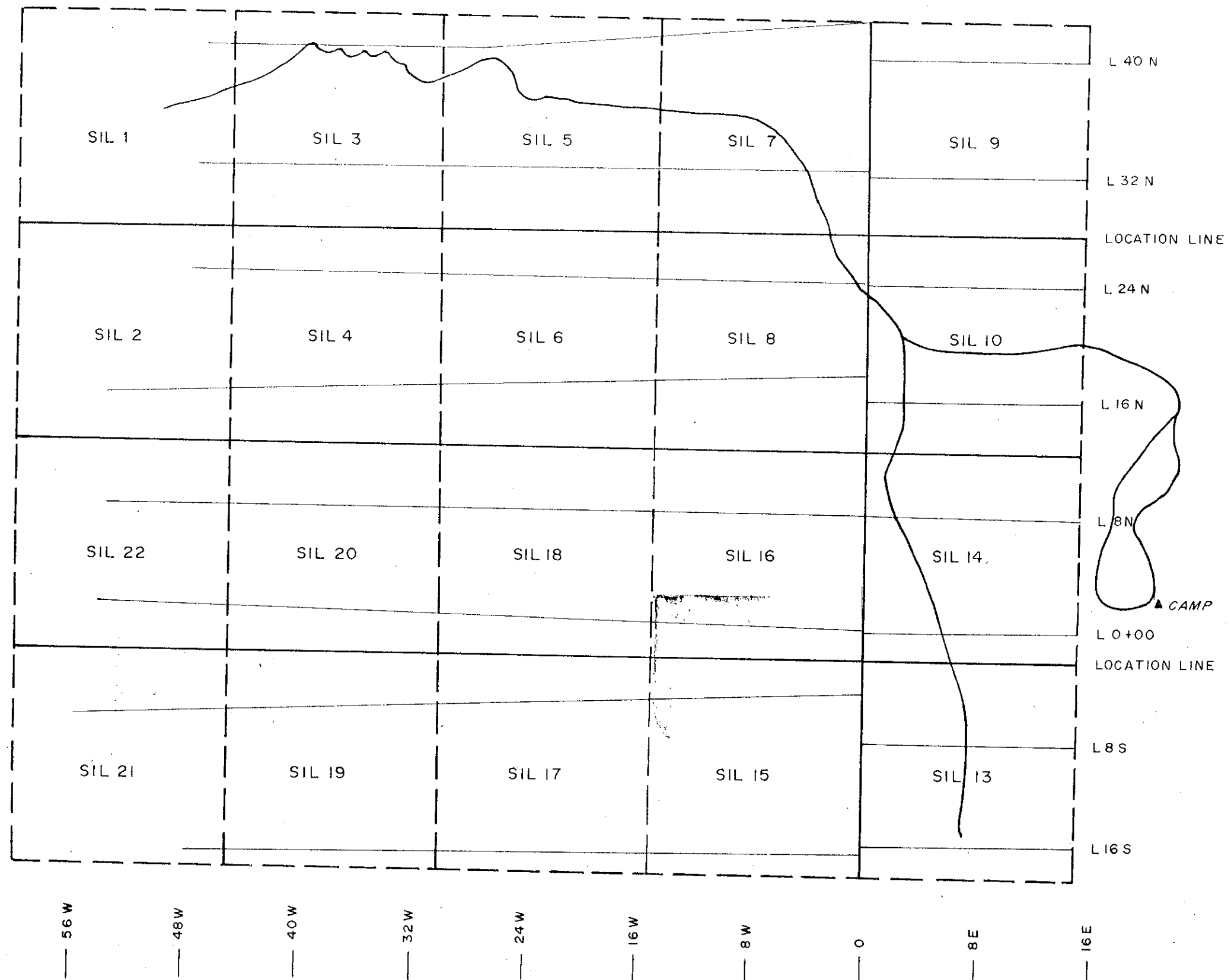
An anomalous zone 400' to 2400' wide and 6500' long trending northwest across the claim group is indicated in all three metal analysis. As lead is probably the least mobile, further work should be based on the assumption that the anomaly as indicated by the lead survey is more closely related to the actual location of the mineralization.

W. Rainboth P. Eng.

Wm. Rainboth, P. Eng.

Kamloops, B.C.

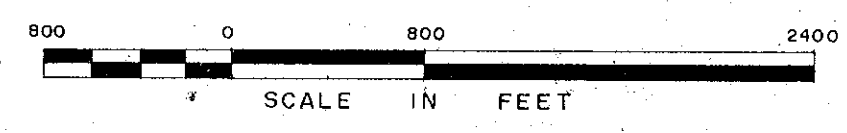
August 10th, 1972.



Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. **3783** MAP #1

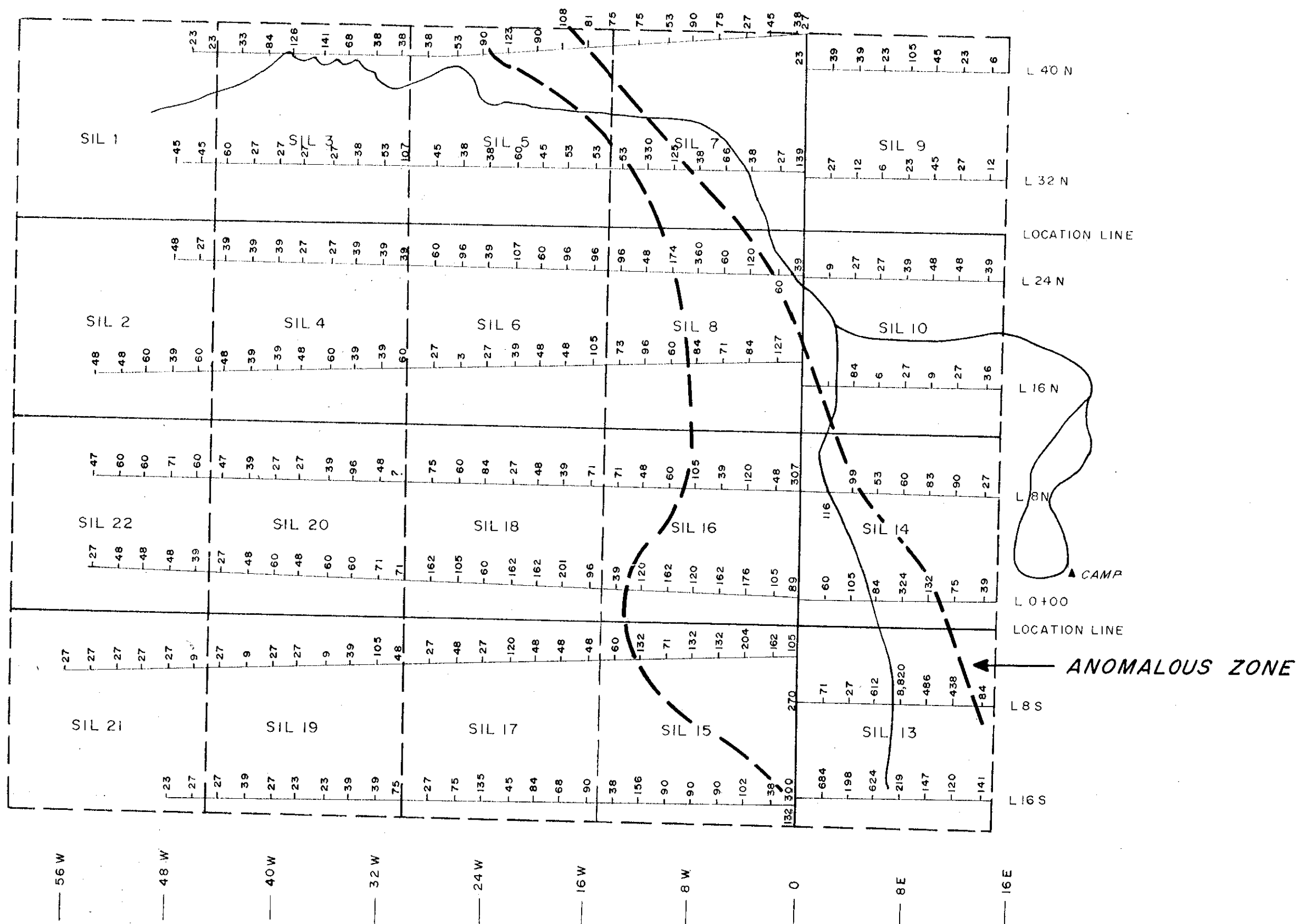
PLATE 1

CANADIAN SUPERIOR EXPLORATION LTD. KAMLOOPS BRITISH COLUMBIA	
SIL GROUP	
CLAIM MAP & GRID MAP	
Date: AUGUST 1972	Drawn by: D.A.L.
Scale: 1" = 800'	Approved by:



W. Rainboth P. Eng.

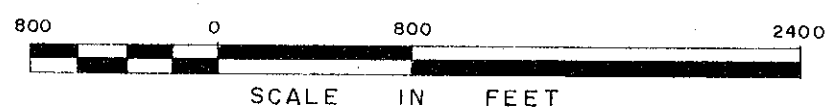
To Accompany Report By W. Rainboth, P. Eng., Caribou, M.D.



Department of
 Mines and Petroleum Resources
 ASSESSMENT REPORT
 NO. 3783 MAP #2

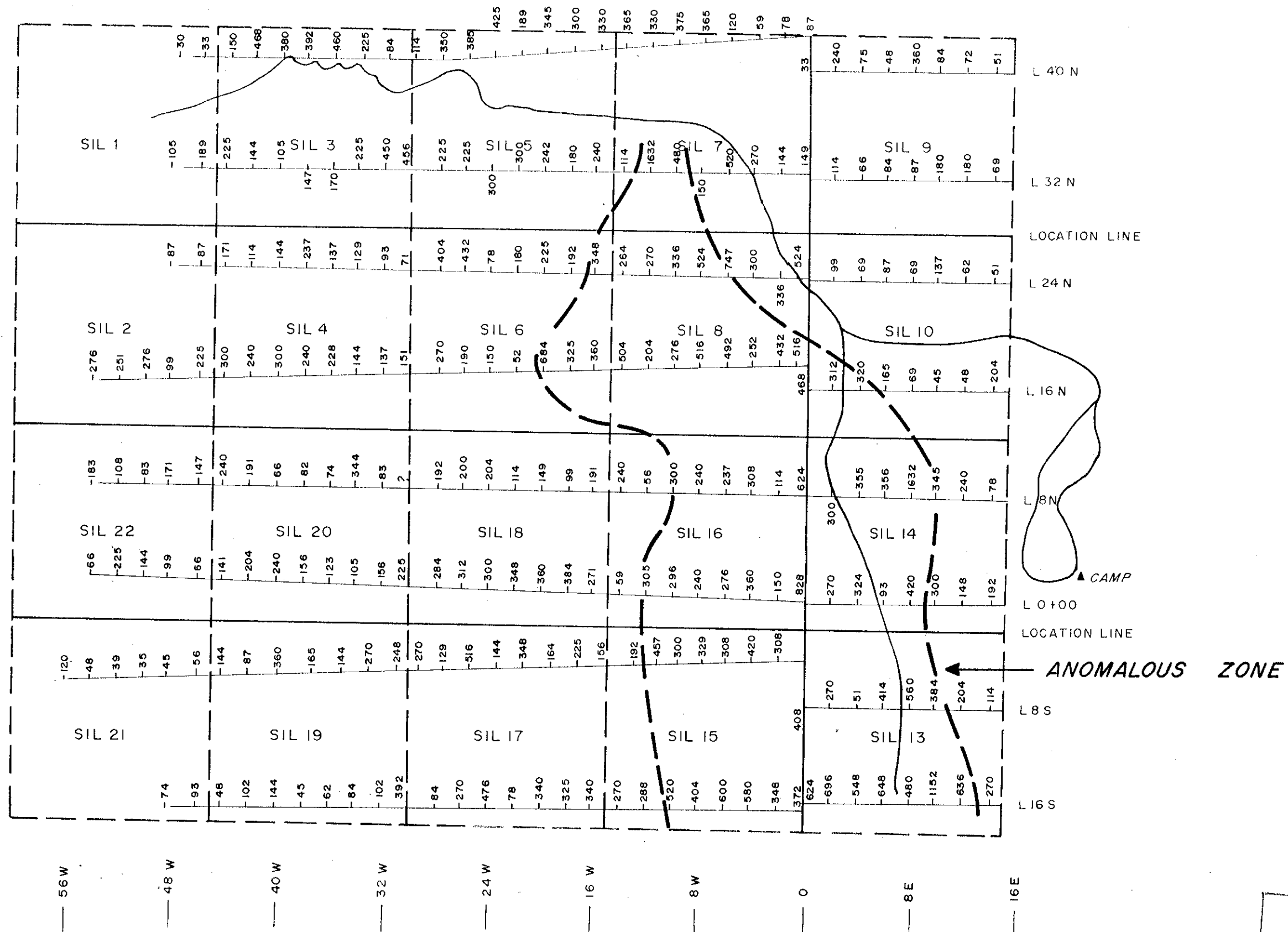
PLATE 2

CANADIAN SUPERIOR EXPLORATION LTD. KAMLOOPS BRITISH COLUMBIA	
SIL GROUP	
GEOCHEMICAL SURVEY Total Pb In P.P.M.	
Date: AUGUST 1972	Drawn by: D.A.L.
Scale: 1" = 800'	Approved by:



W. Rainboth P. Eng.

To Accompany Report By W. Rainboth, P. Eng., Caribou, M.D.



Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 3783 MAP #3

W. Rainboth P. Eng.

To Accompany Report By W. Rainboth, P. Eng., Caribou, M.D.

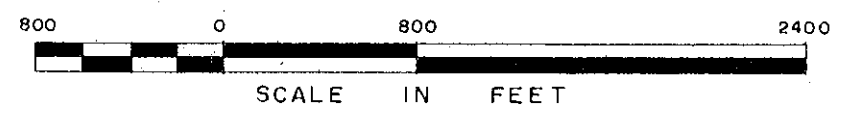
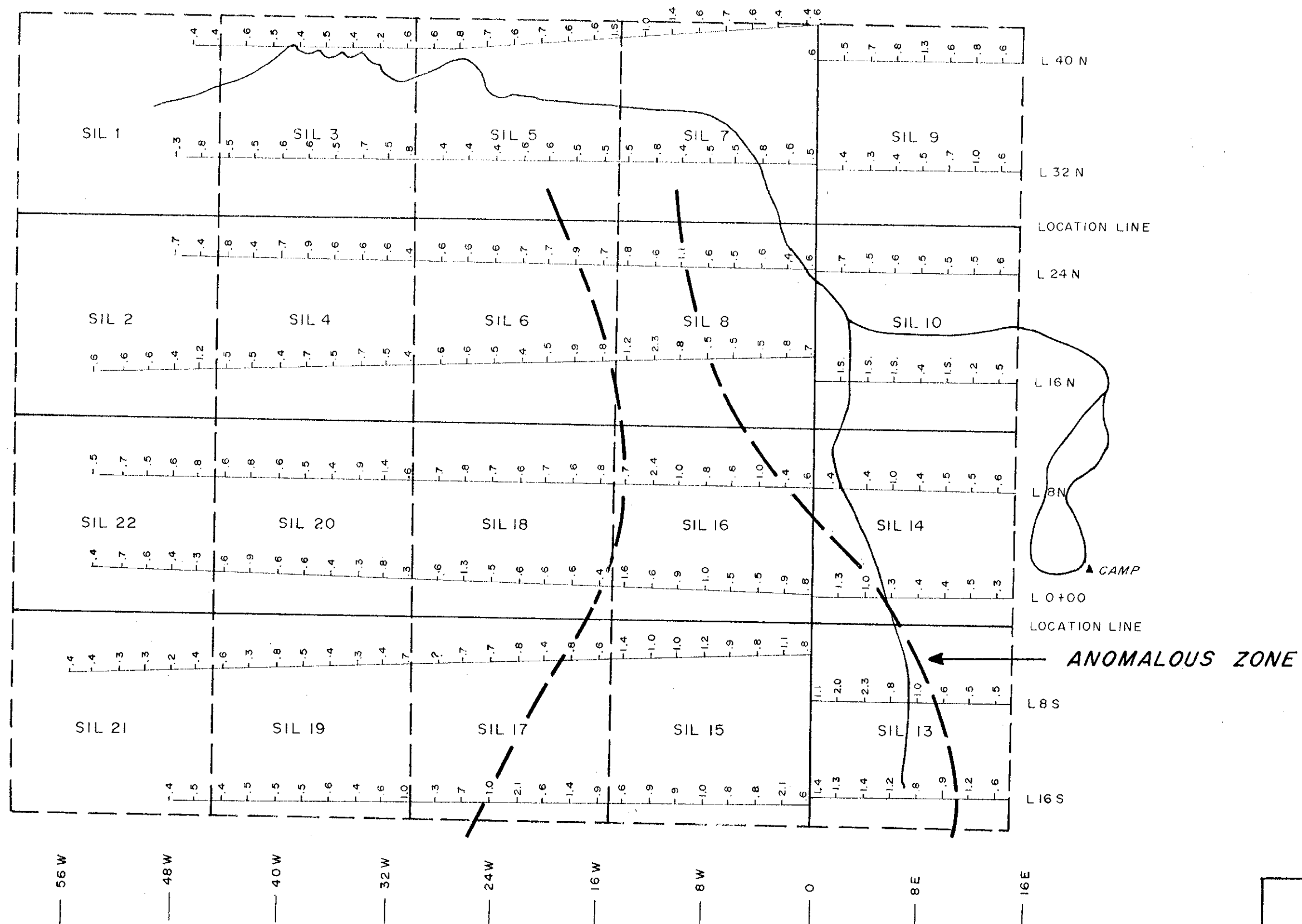


PLATE 3

CANADIAN SUPERIOR EXPLORATION LTD. KAMLOOPS BRITISH COLUMBIA	
SIL GROUP	
GEOCHEMICAL SURVEY Total Zn In P.P.M.	
Date: AUGUST 1972	Drawn by: D.A.L.
Scale: 1" = 800'	Approved by:



Department of
 Mines and Petroleum Resources
 ASSESSMENT REPORT
 NO. 3783 MAP #4

LEGEND
 I.S. : Insufficient Sample

PLATE 4

CANADIAN SUPERIOR EXPLORATION LTD. KAMLOOPS BRITISH COLUMBIA	
SIL GROUP	
GEOCHEMICAL SURVEY Total Ag In P.P.M.	
Date : AUGUST 1972	Drawn by : D.A.L.
Scale : 1" = 800'	Approved by :

W. Rainboth P. Eng.

To Accompany Report By W. Rainboth, P. Eng., Caribou, M.D.

