

CANEX PLACER LIMITED
EXPLORATION DIVISION

6329

A GEOCHEMICAL REPORT

on the

BEND 2R MINERAL CLAIM
(20 Units)

PART 2
OF 2

REVELSTOKE MINING DIVISION

51°38'N, 118°22'W

Owned by Seaforth Mines Ltd.

Operated by Canex Placer Limited

By: W. S. Pentland

Supervised by D. A. Howard, M.Sc., P. Eng. (B.C.)

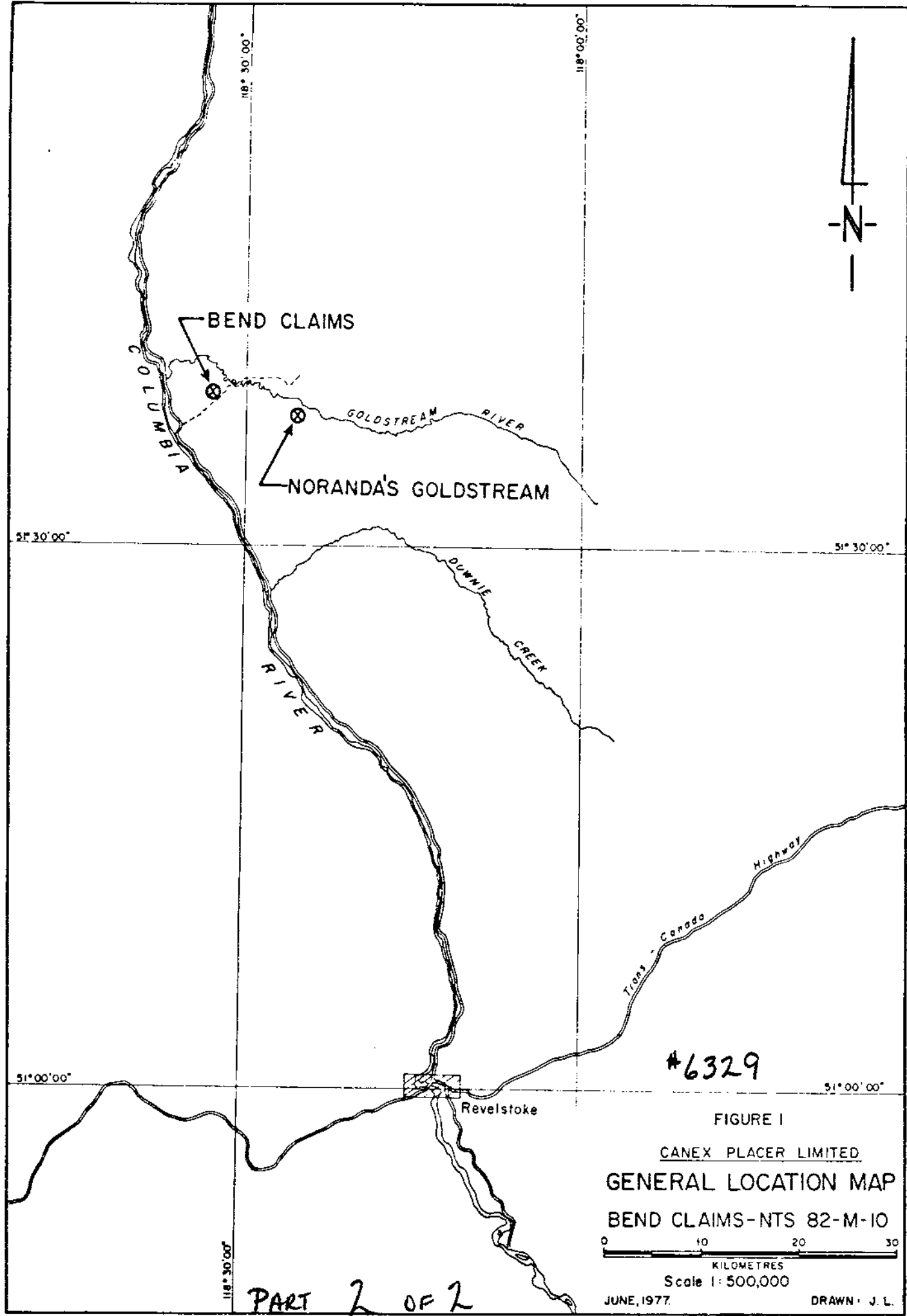
May - June 1977

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT

NO. _____

TABLE OF CONTENTS

	<u>Page</u>
General Location Map, Fig. 1	
Statement of Expenditures	1
Introduction	2
Location and Access	2
Claims Map, Fig. 2	
Geology	2
Soil Sampling	3
Analytical Methods	3
Results	4
Statement of Qualifications	
Certification	
Maps (in pocket)	
Fig. 3 - Soil Sample Results Cu-Zn	
Fig. 4 - Soil Sample Results Pb	



STATEMENT OF EXPENDITURES

The following is a breakdown of expenses incurred for the soil sampling on the BEND 2R mineral claim during the period May-June 1977.

Salaries

F. Thrane	- 3½ days @ \$50/day	\$ 175.00	
L. Kiss	- 8½ days @ \$70/day	595.00	
R. Cannon	- ½ day @ \$90/day	45.00	
W. Pentland	- 3½ days @ \$110.00/day	<u>385.00</u>	\$ 1,200.00

Assay Charges

359 samples - drying - sieving @ .35¢/sample	\$ 125.65	
359 samples - copper analysis @ .60¢/sample	213.60	
359 samples - zinc analysis @ .60¢/sample	213.60	
241 samples - lead analysis @ .75¢/sample	<u>180.75</u>	733.60

Motel Accomodation and Meals

16 man days @ \$30/man/day	480.00
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Transportation

Chevrolet 4 whl. drive Suburban, 1,800 miles @ 25¢/mile	450.00
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Drafting Maps

2 days @ \$60/day	120.00
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Report Preparation

2 days @ \$110.00/day	220.00
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\$ 3,203.60

INTRODUCTION

In March 1977 Canex Placer Limited optioned the BEND 2R mineral claim, Record Number 254(7), from Seaforth Mines Ltd.

In May and June, 1977, an exploration program consisting of line cutting, geophysics and reconnaissance soil sampling was completed. This report covers the soil sampling part of the program.

The work is largely an extension of the program done by Seaforth Mines Ltd. in 1976.

LOCATION AND ACCESS (51°38'N; 118°33'W)

The BEND 2R claim, consisting of 20 units, is located 50 miles north of Revelstoke, B.C. and 4 miles east of the highway to the Mica Dam. The claim straddles a small swampy creek in the old Goldstream River channel approximately 1,000 meters southwest of the present Goldstream River.

Access is by paved road to a point 50 miles north from Revelstoke, from which a good logging road extends east across the claim. Several secondary logging roads provide good access on the claim.

Elevations range from 2,100' to 3,500' ASL. The topography is moderate with the exception of steep slopes bordering the old Goldstream River channel.

GEOLOGY

Outcrops on the BEND 2R claim are few being generally limited to logging roads and in this case to the eastern one-third of the claim.

The area is underlain by rocks of the Lower Cambrian Lardeau group. These rocks are largely metamorphosed sediments presently classified as muscovite, chlorite and graphitic schists and occasional beds of limestone and quartzite. Talc schists are found locally.

The beds strike east-west and dip 30°-50° to the north.

The main zone of interest is a limey graphitic schist with an overall width of about 300 meters. This formation is believed to be the equivalent of the ore bearing zone at the Noranda Mines Ltd. property some 8 kms. to the east.

This graphitic schist is best exposed by logging roads near the eastern claim boundary. The surface trace of the zone is west-southwest due to the

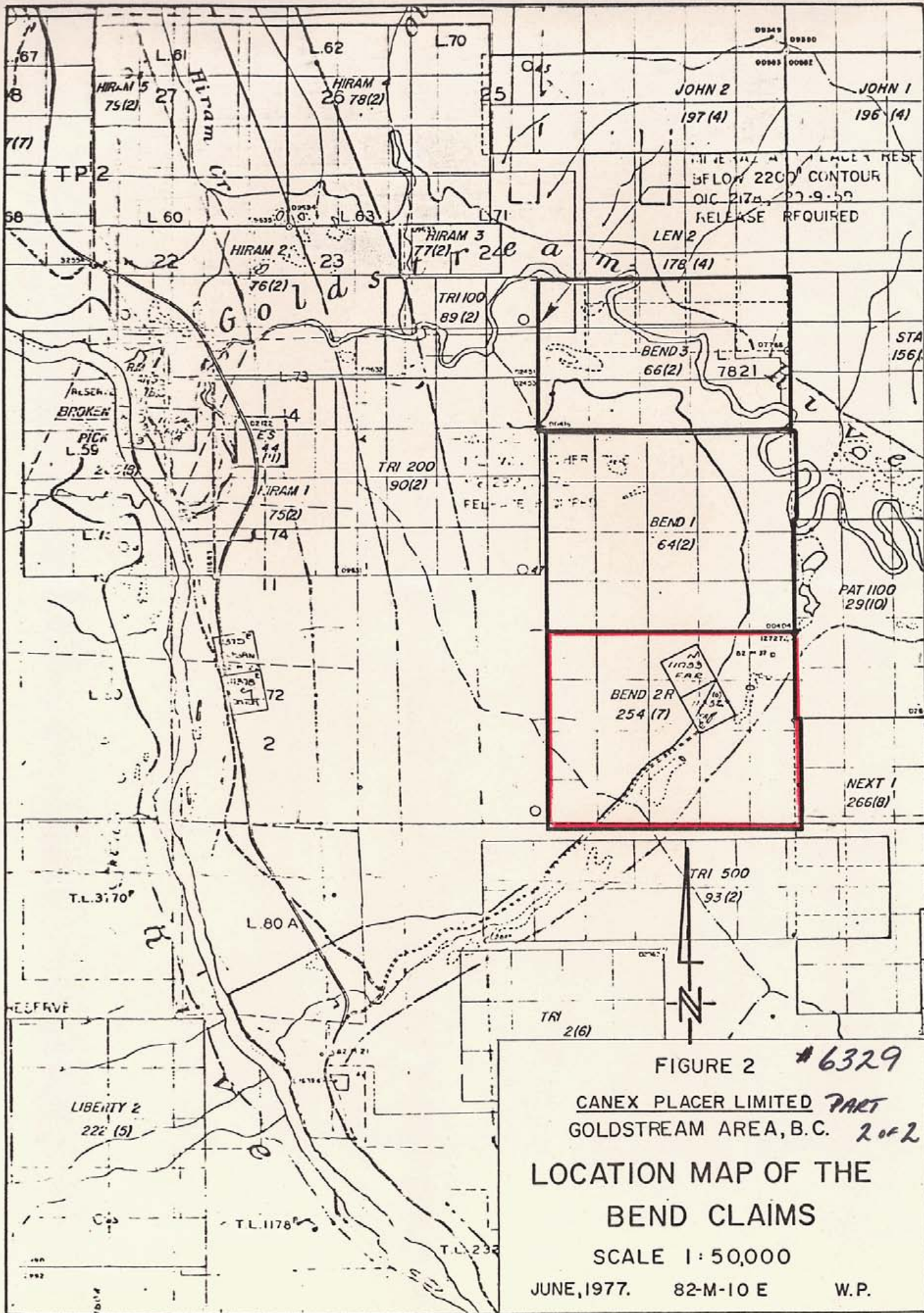


FIGURE 2 #6329

CANEX PLACER LIMITED PART
 GOLDSTREAM AREA, B.C. 2 of 2

LOCATION MAP OF THE
 BEND CLAIMS

SCALE 1:50,000

JUNE, 1977. 82-M-10 E W.P.

rising ground to the west.

Four irregular beds of talcose schists (soapstone) varying from 0.5 m. to 1.5 m. are exposed toward the northern edge of the graphitic zone at the intersection of a small creek and a logging road. Associated chloritic schists carry minor sulphide mineralization in the form of pyrrhotite and chalcopyrite.

SOIL SAMPLING (See Maps In Pocket)

A total of 359 soil samples were collected during the present program. Approximately one half of these were taken on four lines which were extended to the south to cover the previously mentioned favourable limey graphitic zone.

The remaining half were collected from lines located south of the old Goldstream River channel. These latter samples were taken as a check for mineralization which may have been exposed on the hillside underlying the southeast corner of the claim.

Some 40 samples were taken from three closely spaced lines over an area containing very minor mineralization in the northeast corner of the claim.

Compass lines were cut through the bush and measured with a topofil with stations being flagged at 20 meter intervals. Soil samples were collected from the "B" horizon using a nylon spoon. The holes, dug with a mattock, varied from 15 cm. to 40 cm. in depth depending on the depth to bedrock.

The samples were shipped to the Placer Laboratory in Vancouver for analysis.

ANALYTICAL METHODS

The soil samples were air dried and sieved to -80 mesh. Analyses were carried out on the -80 mesh fraction by atomic absorption spectrophotometry using a Perkin-Elmer 403 instrument. Copper, zinc and lead analyses were performed on solutions resulting from a perchloric-nitric acid attack.

The following slit widths were used for the analyses:-

Cu : 3274A
Zn : 2139A
Pb : 2833A

RESULTS

The assays have been plotted on plan maps and areas judged anomalous have been contoured.

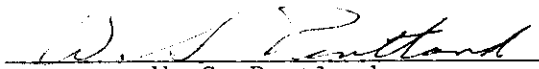
The background counts for copper, zinc and lead are low, being in the order of less than 25 ppm copper, 100 ppm zinc and 20 ppm lead.

Two areas of moderate interest were found. The one is located toward the eastern claim boundary on lines 95+00W and 95+60W, where a zone approximately 100 meters in width assays between 2 and 3 times the background count for copper, lead and zinc.

The most anomalous condition occurs on lines 108+75W, 107+50W and 105+00W where a north-south zone some 600 meters in length and up to 220 meters wide averages 350 ppm zinc in the soils. A weakly anomalous zone of copper lies offset to the south of the zinc anomaly. Some anomalous leads occur on line 108+75W coincident with the zinc.

It should be noted that the topography slopes steeply to the south in this area and may have been the cause of the north/south elongation. The actual source may be in the vicinity of line 108+25W and have an east/west configuration paralleling the geology. A few individually anomalous soils on lines 111+75W and 107+50W could be used as evidence for such a strike.

Further checking is recommended on both anomalous areas.


W. S. Pentland

July 11, 1977


WSP;jpt

STATEMENT OF QUALIFICATIONS

I, W. S. PENTLAND, with business address in Vancouver, British Columbia, and a residential address in Delta, British Columbia, DO
HEREBY CERTIFY THAT:

1. I am a geologist;
2. I am a graduate of the University of British Columbia, Vancouver, British Columbia, with a B.A. in 1951.
3. From 1951 to 1977 I have worked in mineral exploration in various parts of Canada.
4. I personally examined the area and have assessed the results of the work.

Respectfully submitted, .


W. S. Pentland

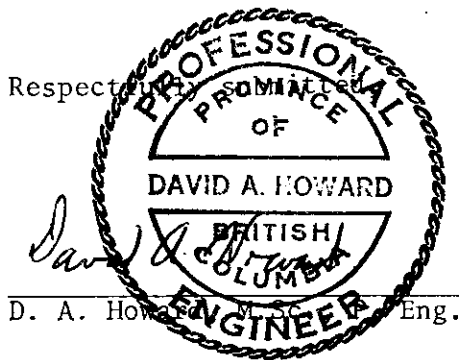
DATED this // day of
July, 1977, at Vancouver,
British Columbia.

CERTIFICATION

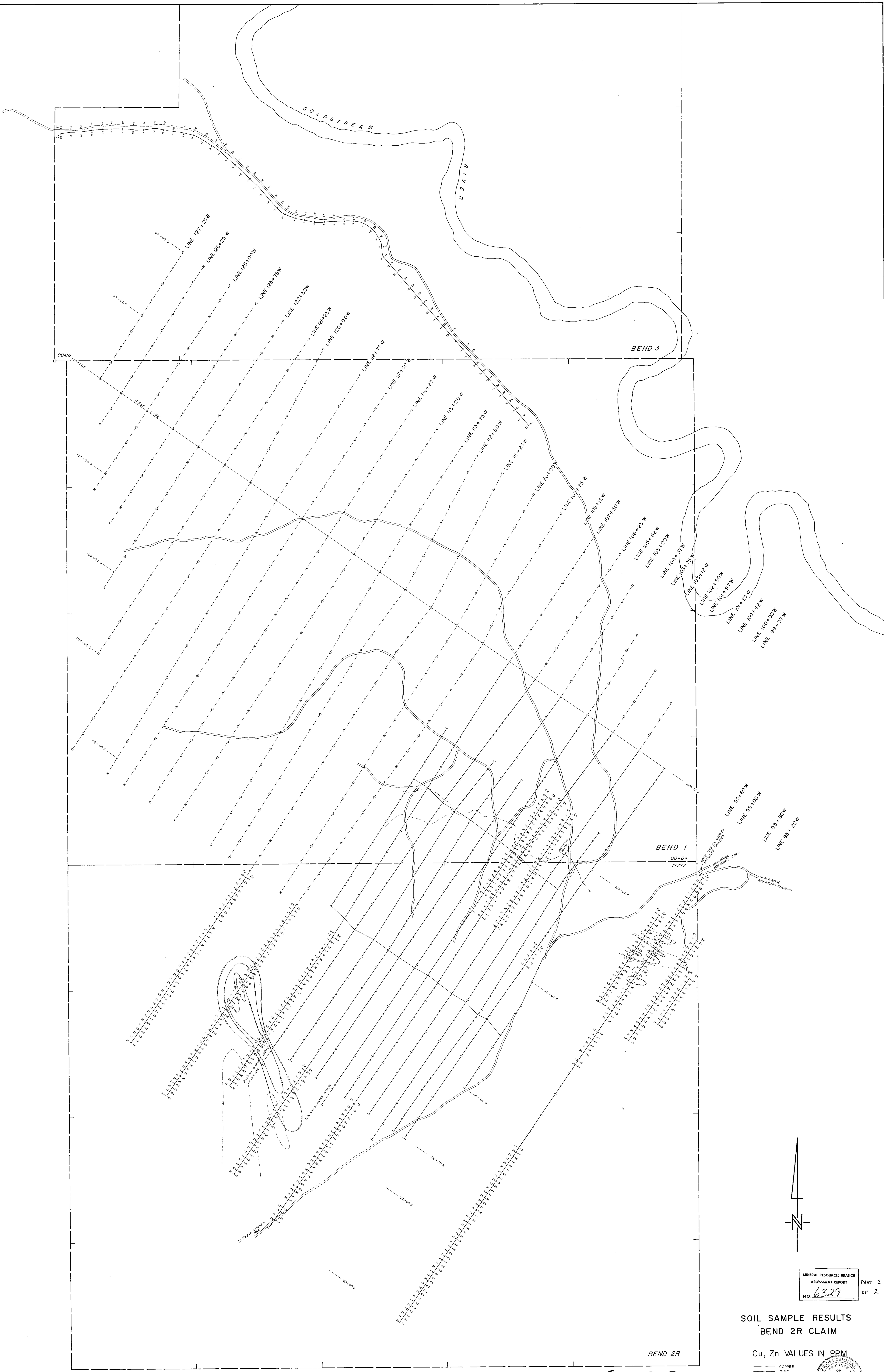
I, D. A. Howard, with a business address at 800 - 1030 West Georgia Street, Vancouver, British Columbia, DO HEREBY CERTIFY THAT:

1. I am a professional engineer registered in the Province of British Columbia;
2. I have examined the report by W. S. Pentland on work done in 1977 on the BEND 2R claim, $51^{\circ}38'N$; $118^{\circ}33'W$, Revelstoke Mining Division;
3. To the best of my knowledge the acquisition of the data and expenditure claimed for the performance of work is correct.

Respectfully,



DATED this // day
of July, 1977, Vancouver
British Columbia



part 2 6329

DRAWN	SCALE 1:4000	CANEX PLACER LIMITED	SOIL GEOCHEMICAL MAP
TRACED J. L.	DATE JUNE, 1977	GOLDSTREAM AREA, B.C.	FILE No. V-156

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
No. 6329

SOIL SAMPLE RESULTS
BEND 2R CLAIM

Cu, Zn VALUES IN PPM

--- COPPER
— ZINC

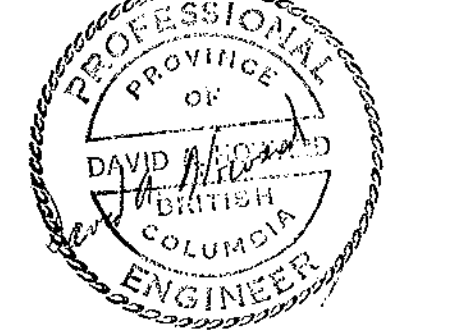
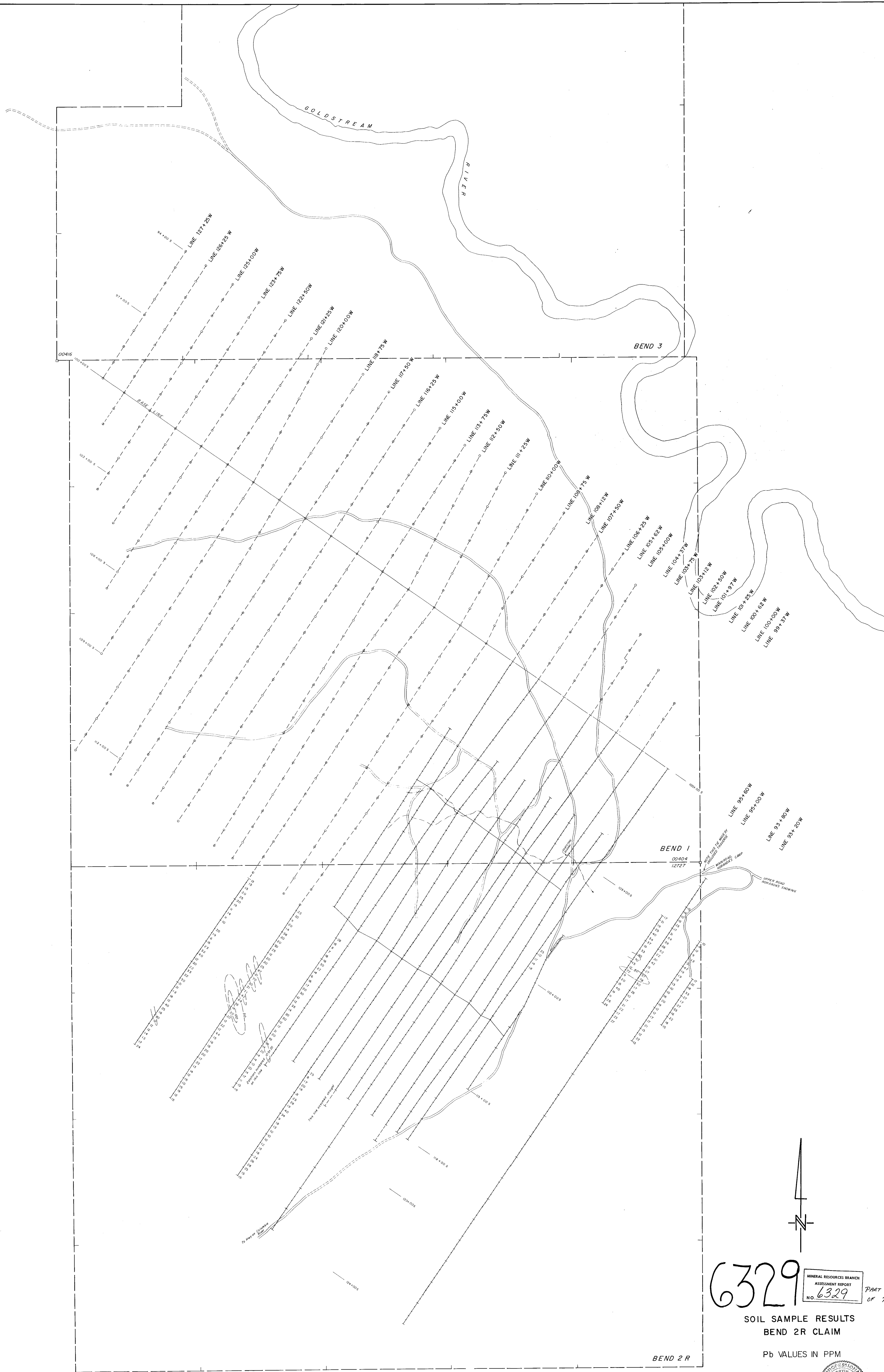


FIGURE 3



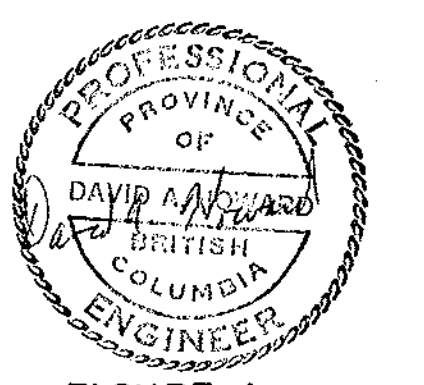
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MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
NO. 6329

PART 2
OF 2

SOIL SAMPLE RESULTS
BEND 2R CLAIM

Pb VALUES IN PPM



0 100 200 300
METRES

DRAWN TRACED J.L.	SCALE 1:4000 DATE JUNE 1977	CANEX PLACER LIMITED GOLDSTREAM AREA, B.C.	SOIL GEOCHEMICAL MAP FILE NO. V-156
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FIGURE 4