17510? Yes

002978

PROSPECTUS AMENDMENT DATED: November 28, 1988

OBOLUS RESOURCES INC.
(formerly Laser Resources Ltd.)
(hereinafter called the "Issuer")
c/o 303 - 475 Howe Street
Vancouver, British Columbia
Canada, V6C 2B3

NEW ISSUE - 600,000 COMMON SHARES(1)

	Price to Public	Commission	Net Proceeds to be Received by Issuer(2)
are	$ 0.35	$ 0.05	$ 0.30
	$210,000.00	$30,000.00	$180,000.00

le

suer originally entered into an Agency Agreement between suer and McDermid St. Lawrence, dated for reference January 8 and amendment dated for reference May 15, 1988. Due to conditions McDermid St. Lawrence exercised its market out by terminating its Agency Agreement on November 10, 1988.

quently, the Issuer has entered into a new agency agreement Haywood Securities Inc. on certain terms and conditions resulting in this amended prospectus.

The following items are amendments to the Prospectus dated August 9, 1988 with an effective date of August 17, 1988:

Cover

1. Delete the statement on the inside front cover:

"AGENT

MCDERMID ST. LAWRENCE LIMITED
1000-601 West Hastings Street
Vancouver, British Columbia, V6B 5E2"

And replace same with

"AGENT

HAYWOOD SECURITIES INC.
1100-400 Burrard Street
Vancouver, British Columbia, V6C 3N6"

Porcupine
82FSW063

PROPERTY FILE A.L.

Porcupine 82FSW063

There are no payments in cash, securities or other consideration being made, or to be made, to a promoter, finder or any other person or company in connection with the Offering.

The Directors, Officers and other Insiders of the Issuer may purchase shares from this Offering.

The Vancouver Stock Exchange has conditionally listed the securities being offered pursuant to this prospectus. Listing is subject to the company fulfilling all the listing requirements of the Vancouver Stock Exchange on or before February 14, 1989, including prescribed distribution and financial requirements.

DESCRIPTION OF BUSINESS AND PROPERTY OF ISSUER

The principal business of the Issuer is the acquisition, exploration, development and exploitation, or resale, or farmout of natural resource properties.

ACQUISITIONS

The Issuer holds an option to acquire the mineral properties described herein.

Mineral Properties

The Issuer holds an option to acquire a 100% interest, subject to a Royalty hereinafter defined, in the following mineral claims located 33 kilometers south of Nelson, British Columbia and 3 kilometers east of Ymir, British Columbia, in the Ymir Gold Camp, Nelson Mining Division, British Columbia:

Claim	Record Number	Number of Units	Anniversary Date
Porky	4850	20	August 24, 1991
Victor	4626 RCG	1	March 30, 1991
Emerald	4627 RCG	1	March 30, 1991
Porcupine	4628 RCG	1	March 30, 1991
Sunrise	4629 RCG	1	March 30, 1991
Nevada	4652 RCG	1	April 13, 1991
Gorgina	4706 RCG	1	June 1, 1991
Sandaulphin	4706 RCG		June 1, 1991
Imperial	4705 RCG	1	June 1, 1991
Porcupine	4909 RCG	1	November 12, 1988

(collectively hereinafter referred to as the "Porcupine Claim Group" or the "Property")

Particulars of Acquisition

The Issuer's option to acquire the Porcupine Claim Group was acquired from Anton Nijhuis, #1 - 1449 Arrow Lakes Drive, Castlegar, British Columbia ("Nijhuis"), and J. Paul Stevenson & Associates ("Stevenson"), #618 - 475 Howe Street, Vancouver, British Columbia, (collectively the "Optionors") by pre-incorporation agreement dated for reference July 15, 1987, between the Issuer and the Optionors. The Issuer ratified and renegotiated the agreement on the same terms and conditions, dated for reference July 30, 1987 (the "Porcupine Claim Group Option Agreement"). In consideration therefore the Issuer paid $20,000.00 to the Optionors.

On November 12, 1987 Mike Hudock, agent for the Optionors, acquired the reverted crown grant Porcupine, record number 4909, which is contiguous to claims that constitute the Porcupine Claim Group. On May 26, 1988 Mike Hudock transferred his interest in this claim to Nijhuis. Nijhuis has confirmed that under the terms of the Porcupine Claim Group Option Agreement, the acquired reverted crown grant Porcupine, record number 4909, is also subject to the Porcupine Claim Group Option Agreement.

The Porcupine Claim Group Option Agreement was amended by way of agreement dated for reference July 13, 1988 to extend the date of the first option payment due on July 15, 1988 until August 20, 1988. Therefore, in order to maintain the Porcupine Claim Group Option Agreement as amended in Good standing, the Issuer is obliged to pay:

(a) on or before August 20, 1988, the Issuer shall pay a further $10,000 to Nijhuis and a further $1,000 to Stevenson;

(b) on or before July 15, 1989, the Issuer shall pay a further $20,000 to Nijhuis and a further $2,000 to Stevenson;

(c) on or before July 15, 1990, the Issuer shall pay a further $30,000 to Nijhuis and $3,000 to Stevenson;

(d) on or before July 15, 1991, and each July 15 in each succeeding year thereafter until the Property is put into commercial production, the Issuer shall pay a further $40,000 to Nijhuis and a further $4,000 to Stevenson.

The optioned Porcupine Claim Group claims are subject to a 3% net smelter return royalty in favour of Nijhuis and a 1/2 of 1% net smelter return royalty in favour of Stevenson (collectively the "Royalty"), pursuant to the terms of the Porcupine Claim Group Option Agreement dated for reference dated July 30, 1987.

Upon the Porcupine Claim Group claims being put into commercial production, the payments described in paragraph (d) hereof shall be considered an advance against the Royalty.

Location, Size and Access

The Porcupine Claim Group lies in the Nelson Mining Division,, British Columbia, 33 kilometers south of the city of Nelson and three kilometers east of the community of Ymir. More precisely, it is situated at 49 degrees, 15 minutes north latitude and 117 degrees, 11 minutes west longitude. Access to the northern boundary of the claims is by a gravel road which leaves Highway 6 at the confluence of the Salmon River and Porcupine Creek two kilometers south of Ymir. A pack horse trail provides access to the central and southern parts of the claims.

The Porcupine Claim Group occurs within the Ymir Gold Camp and is five kilometers north of the Sheep Creek Gold Camp. The mining history of the Ymir and Sheep Creek Gold Camps dates back to the mid-1880's when the initial discoveries were made.

History and Previous Work

In the Ymir Camp, little activity occurred until the mid-1890's, when excitement generated by the Rossland Camp caused miners to consider new locations. From 1896 until 1903, the camp was actively explored and several properties were placed into production. Since 1903, both mining and exploration for gold and silver production from the Ymir Camp was from the Ymir and Yankee Girl deposits which occur eight and four kilometers north of the Porcupine Claim Group, respectively. The Geological Survey of Canada,in Economic Geology Series Report No. 1, states the production from these properties to 1952 as 233,400 ounces of gold and 1,200,000 ounces of silver from 775,000 tons of rock mined giving an average grade of 0.3 ounces per ton gold and 1.5 ounces per ton silver.

The Sheep Creek Camp has a similar history to the Ymir Gold Camp. Initially discoveries were made in the 1890's with gold and silver production commencing in the early 1900's. Since 1902, over 661,800 ounces of gold and 200,000 ounces of silver have been mined. Nearly all of the gold and silver has been extracted from four deposits: the Sheep Creek; Reno; Kootenay Belle and Gold Belt. The average grade of ore mined in the camp based on production records listed in Economic Geology Series Report No. 1 is 0.42 ounces per ton gold.

The original Porcupine claim was staked in 1885 and many of the old workings on the property date back to 1897. Since 1897, the Porcupine claim and adjacent ground has been periodically explored by various individuals and companies. The Porcupine Claim was crown granted in 1902.

The results of shipments from the Porcupine Claim in 1926 and 1948 were reported by Little of the Geological Survey of Canada in 1960 and are tabulated below.

Tons Mined	Gold oz.	Silver oz.	Lead lbs.	Zinc lbs.
44	3	405	3,747	3,832

Underground Exploration and Surface Plant or Equipment

A summary of past underground exploration on the claims is as follows:

1886 - 1901	open cuts and a short adit driven;
1925	rehabilitation of adit;
1932	several short adits totalling 130 meters and open cuts on five separate veins;
1938	84 meters of drifting;
1939	49 meters of drifting, 20 meters of cross cutting;
1944	38 meters of drifting;

To the knowledge of the signatories hereto, there has been no other underground exploration or development of the Porcupine Claim Group since 1944 and there is not surface plant or equipment on the property.

Mineralization

Gold-silver mineralization has been found at numerous locations on the Porcupine Claim Group. At least five separate veins have been explored by open cuts, trenches and underground workings. Unfortunately, the results obtained by this early work is poorly documented.

Where observed, gold-silver mineralization on the Porcupine Claim Group consists of pyrite, galena and sphalerite with traces of pyrrhotite in a gangue of quartz and silicified wall rock. The veins occupy northeasterly trending, steeply dipping shear zones in argillite adjacent to their contacts with granodiorite dykes. The shear zones are up to three meters wide with the best mineralization usually restricted to less than a meter.

During the current programme, samples were collected from dumps and spoil piles from old workings by employees of J. Paul Stevenson and Associates.

Conclusions and Recommendations

In his report dated October 5, 1987, and revised June 20, 1988, to the Issuer, John A. McClintock, P. Eng., has recommended a two-phase exploration programme on the Porcupine Claim Group. Phase One will comprise of a detailed 1:1,000 scale geological mapping of the entire grid area and thorough prospecting, chip or channel sampling of any mineralization found, a clean up and sampling of the old adits, pits and trenches, completion of fill-in soil lines within the anomalous zones to establish 25 by 25 meter sampling grids, and extension of the soil grid to the south and east maintaining a 50 by 25 meter spacing, and administration, including contingencies, of $37,400.

Phase Two, contingent on favorable results from the Phase One programme and a clear definition of targets, consists of trenching, rehabilitation of workings and 600 meters of NQ diamond drilling, at a total estimated cost, including contingencies, of $88,000.

The Issuer intends to use part of the proceeds derived from the offering to carry out Phase One of the work programme recommended by John A. McClintock, P. Eng., on the Porcupine Claim Group. Depending on the results obtained from the Phase One exploration programme and subject to the recommendation of it's independent engineers, the Issuer intends to carry out Phase Two of the programme recommended by John A. McClintock, P. Eng. To that end the Issuer will set aside a reserve from the proceeds derived from the Offering.

The Porcupine Claim Group has no known ore reserves.

RISK FACTORS

Mineral exploration and development are speculative businesses, marked, among other things, by unprofitable efforts resulting not only from the failure to discover mineral deposits but from finding mineral deposits which, though present, are insufficient in size to return a profit from production. The marketability of minerals acquired or discovered by the Issuer may be affected by numerous factors which are beyond the control of the Issuer and which cannot be accurately predicted, such as market fluctuations, the proximity and capacity of milling facilities, mineral markets and processing equipment, and such other factors as government regulations, including regulations relating to royalties, allowable production, importing and

GEOLOGICAL, GEOCHEMICAL AND GEOPHYSICAL REPORT

on the

PORCUPINE CLAIM GROUP

NELSON MINING DIVISION - BRITISH COLUMBIA

Latitude 49° 15' North Longitude 117° 11' West

N.T.S. 82F/3E, 6E

FOR

OBOLUS RESOURCES INC.

BY

JOHN A. McCLINTOCK
P.ENG. (B.C.)

October 5, 1987
Revised: June 20, 1988

Vancouver, B.C.

TABLE OF CONTENTS

APPENDICES

TABLE OF FIGURES

1. SUMMARY AND CONCLUSIONS

The Porcupine Claim Group is situated in southeastern British Columbia, approximately 33 kilometers south of the city of Nelson. The claims lie within the Ymir Gold Camp which has produced over 233,400 ounces of gold and 1,200,000 ounces of silver from vein-type deposits localized in the contact zones between granodiorite and schistose sedimentary rocks.

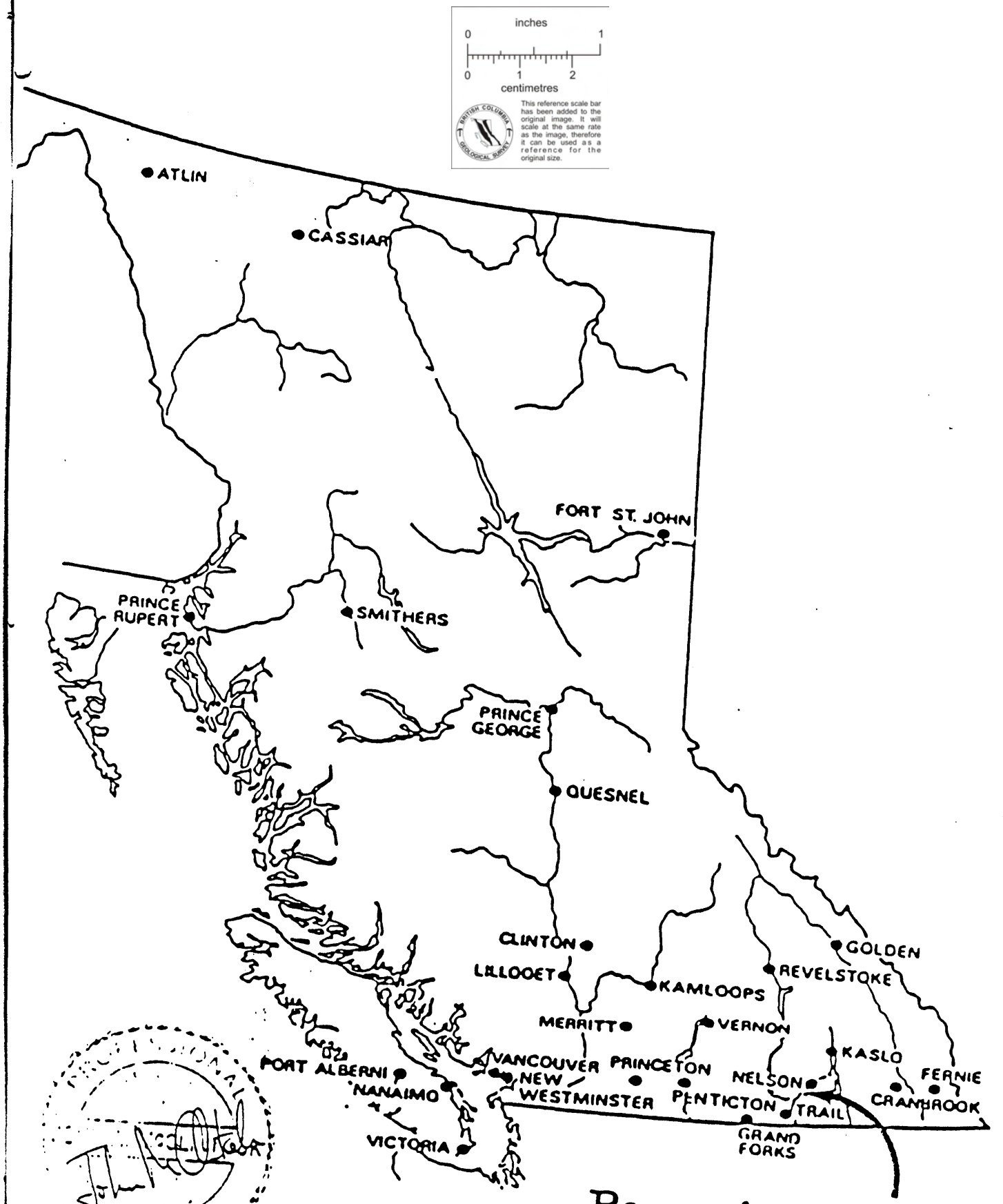
Past exploration of the Porcupine Claim Group combined with the results of recent soil sampling and geological mapping show the claims have potential for high-grade gold-silver veins similar to those mined in other properties within the Ymir Gold Camp.

Since 1896, at least five separate vein systems have been explored by open cuts and underground workings. Gold and silver occur with pyrite, galena and sphalerite in a gangue of quartz and silicified wall rocks up to one metre thick in the sheared contact zones between granodiorite dykes and schistose argillite. Shipments of 44 tons from one vein had an average grade of 0.068 oz/ton gold, 9.2 oz/ton silver, 4.26% lead and 4.35% zinc. Selected samples of the mineralization are reported in a British Columbia Minister of Mines Annual Report to have assayed up to 1.62 oz/ton and 16.4 oz/ton silver.

The results of recent soil sampling have highlighted several coincident gold, silver and lead anomalies south of the known mineralization. These anomalies possibly indicate additional mineralization, or extensions to the known veins concealed beneath overburden.

To further evaluate the existing showings and gold-silver-lead soil anomalies, a two phase exploration program is recommended.

An initial phase involving sampling of all accessible workings, detailed geological mapping, prospecting and rock sampling of mineralized rock outcrops is recommended. Concurrently with the rock sampling and geological mapping, it is proposed the soil grid be extended to the south. The overall objective of Phase I is to define the extent and surface grade of the mineralized occurrences on the Porcupine Claim Group. Cost of Phase I is estimated to be $37,400.00.



Porcupine Claim Group

Figure (1)

Phase II, contingent on the success of Phase I, involves testing of overburden covered areas by trenching, re-opening inaccessible underground workings and testing with diamond drilling the gold and silver grade of mineralization defined by the Phase I program. Estimated cost of Phase II is $88,000.00.

2. INTRODUCTION

Obolus Resources Inc. holds by option from Tony Nijhuis, eight reverted crown grants, one 20 unit four post claim in the Porcupine Creek area near Ymir, in southeastern British Columbia. The claims cover a number of shear-hosted sulphide-bearing veins localized in schists at or close to the contact with intrusive rocks. Obolus Resources Inc. acquired the claims for their precious metal potential.

During August, 1987, Obolus Resources Inc. engaged J. Paul Stevenson and Associates to carry out a geological, geochemical and geophysical evaluation of the Porcupine Claim Group. The purpose of this work was to explore for extensions of the known showing and to search for additional precious metal mineralization concealed by overburden. In October, 1987, the writer was commissioned by J. Paul Stevenson, President of J. Paul Stevenson and Associates, to make an appraisal of the Porcupine Claim Group.

This report is based on a review of exploration work carried out by J. Paul Stevenson and Associates, a property visit made by the writer on October 2, 1987, and a study of all available data, including government publications and assessment reports.

2.1 Location and Access

The Porcupine Claim Group lies in the Nelson Mining Division, British Columbia, 33 kilometers south of the city of Nelson and three kilometers east of the community of Ymir. More precisely, it is situated at 49 degrees, 15 minutes north latitude and 117 degrees, 11 minutes west longitude (National Topographic System Map 82F/3E and 82F6E.

Access to the northern boundary of the claims is by a gravel road which leaves Highway 6 at the confluence of the Salmo River and Porcupine Creek two kilometers south of Ymir. A pack horse trail provides access to the central and southern parts of the claims.

2.2 Physiography

The claims occur in the Bonnington Range of the Selkirk Mountains. Topography in the claims area is moderately steep, but not rugged. Elevations range from 900 to 1,500 a.s.l. Slopes are covered with a moderate growth of cedar, balsam, larch, hemlock and poplar with an undergrowth of alder and willow.

2.3 Claim Data

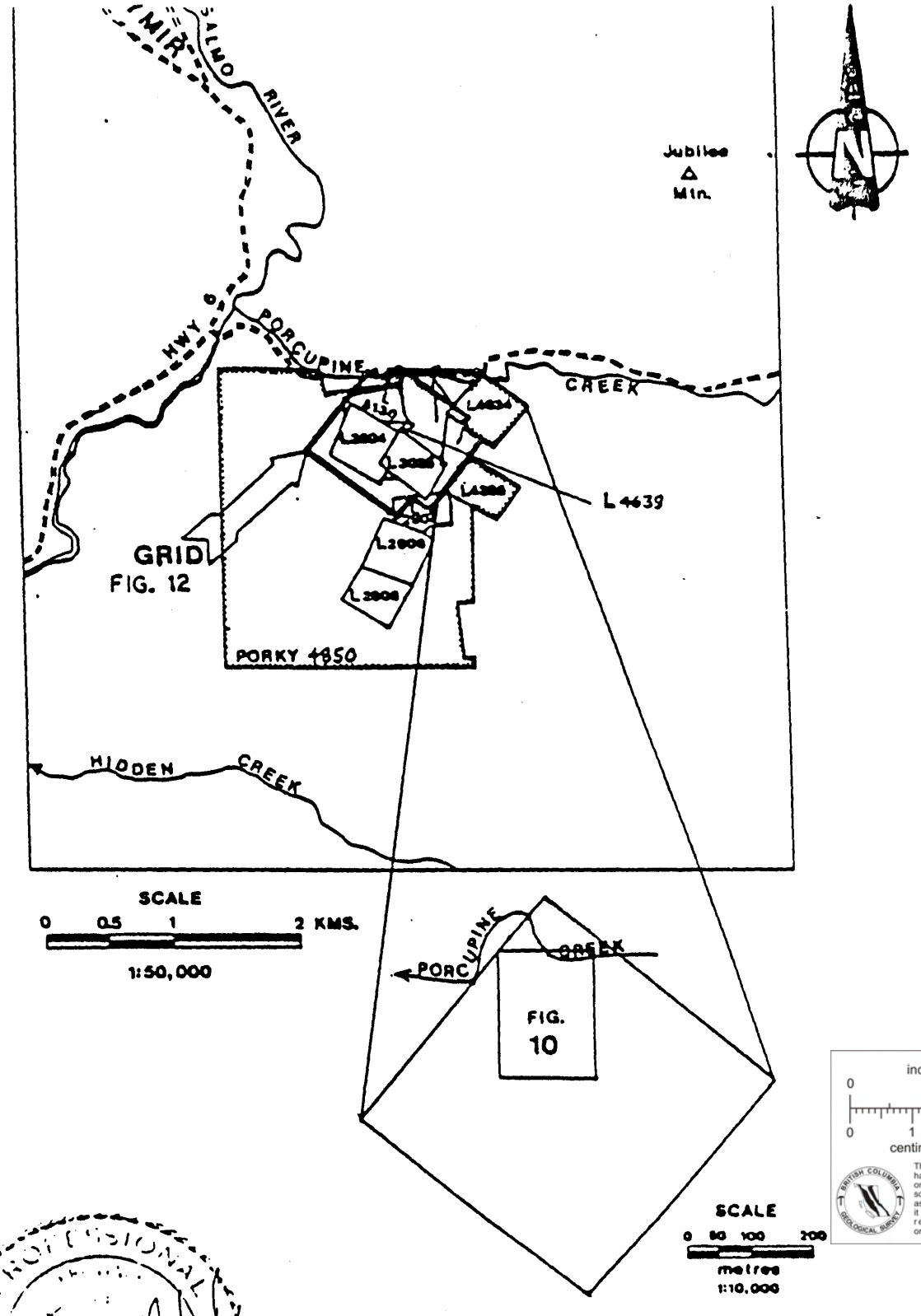
The Porcupine Claim Group consists of eight reverted crown grants and one 20 unit four-post claim. They are located on Mineral Titles Reference Maps M 82F/3E and M 82F/6E (Figure 2). Pertinent claim data are listed in the table below and conform with the records of the Claim Recorder in Nelson.

Claim	Record #	# of Units	Anniversary Date
Porcupine	4909 RCG (lot 4634)	1	Nov. 12, 1988
Porky	4850	20	Aug. 24, 1991
Victor	4626 RCG (lot 2906)	1	Mar. 30, 1991
Emerald	4627 RCG (lot 2907)	1	Mar. 30, 1991
Porcupine	4628 RCG (lot 2908)	1	Mar. 30, 1991
Sunrise	4629 RCG (lot 4385)	1	Mar. 30, 1991
Nevada	4652 RCG (lot 3504)	1	Apr. 13, 1991
Gorgina	4706 RCG (lot 5130)	1	Jun. 1, 1991
Sandaulphin	4706 RCG (lot 4639)	1	Jun. 1, 1991
Imperial	4705 RCG (lot 3025)	1	Jun. 1, 1991

2.4 Economic Considerations

The Porcupine Claim Group is linked to the city of Nelson by 40 kilometers of paved and all-weather gravel road. The infrastructure at Nelson could easily support any development in the Porcupine Claims area.

Hydroelectric lines pass within three kilometers of the property and a reliable supply of water is readily available from either the Salmo River or Porcupine Creek. There is adequate area on the Porcupine Claim Group for mine-mill development and waste or tailings disposal.



*Obolus Resources Inc.

LASER RESOURCES LTD.*	
PORCUPINE PROPERTY	
	CLAIMS
FIGURE 2	NTS 82F/3E&6E REVISED:
	DATE 8-05-88 22-06-88 af

2.5 Regional History

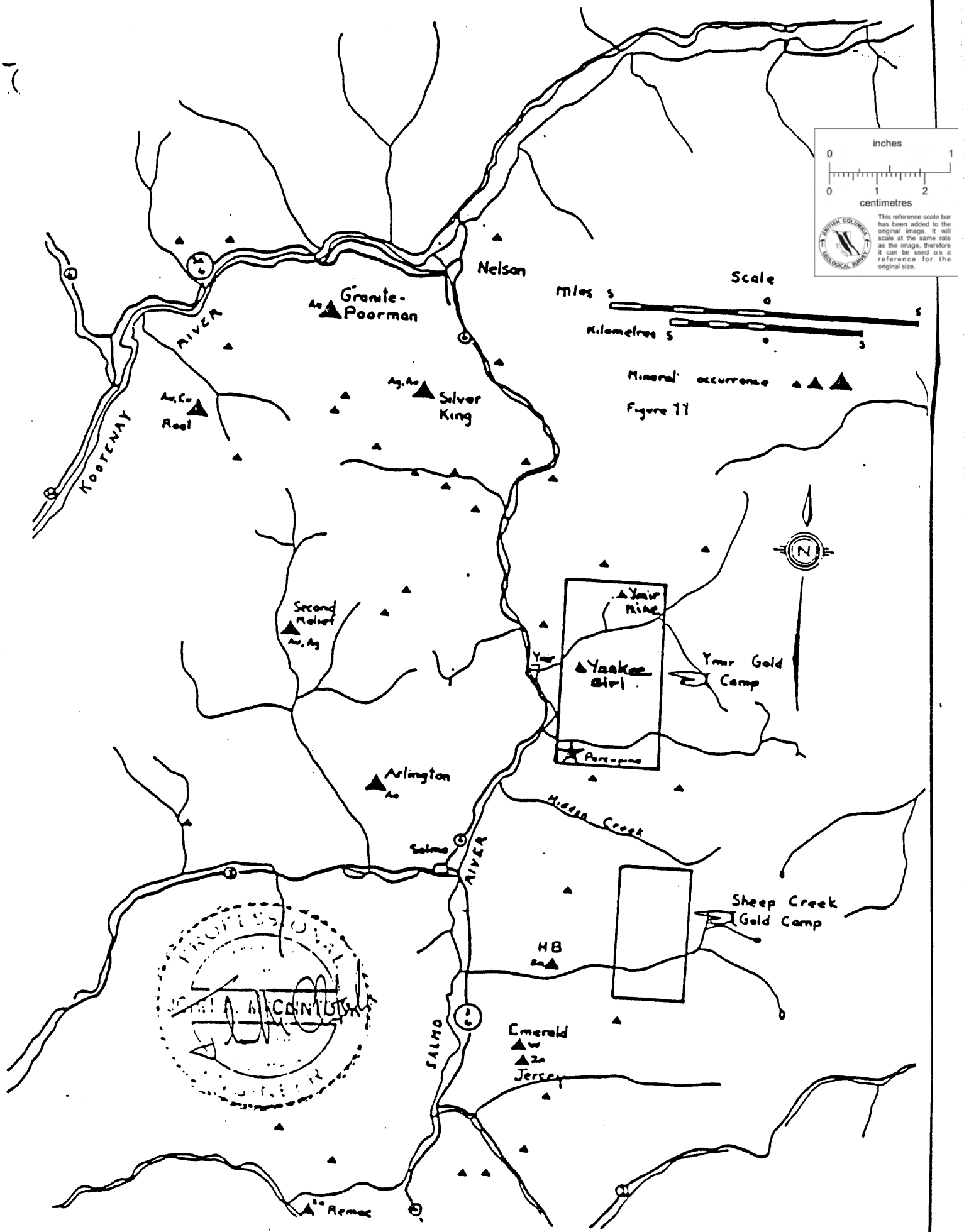
The Porcupine Claim Group occurs within the Ymir Gold Camp and is five kilometers north of the Sheep Creek Gold Camp. The mining history of the Ymir and Sheep Creek Gold Camps dates back to the mid 1880's when the initial discoveries were made.

In the Ymir Camp, little activity occurred until the mid 1890's, when excitement generated by the Rossland Camp caused miners to consider new locations. From 1896 until 1903, the camp was actively explored and several properties were placed into production. Since 1903, both mining and exploration for gold and silver have been intermittent with brief flurries of activity from the late 1920's to the early 1950's. Most of the gold and silver production from the Ymir Camp was from the Ymir and Yankee Girl deposits which occur eight and four kilometers north of the Porcupine Claim Group, respectively. The Geological Survey of Canada, in Economic Geology Series Report No.1, states the production from these properties to 1952 as 233,400 ounces of gold and 1,200,000 ounces of silver from 775,000 tons of rock mined giving an average grade of 0.3 oz/ton gold and 1.5 oz/ton silver.

The Sheep Creek Camp has a similar history to the Ymir Gold Camp. Initially discoveries were made in the 1890's with gold and silver production commencing in the early 1900's. Since 1902, over 661,800 ounces of gold and 200,000 ounces of silver have been mined. Nearly all of the gold and silver has been extracted from four deposits; the Sheep Creek, Reno, Kootenay Belle and Gold Belt. The average grade of ore mined in the camp based on production records listed in Economic Geology Series Report No. 1 is 0.42 oz/ton gold.

3. PREVIOUS WORK

The original Porcupine claim was staked in 1885 and many of the old workings on the property date back to 1897. Since 1897, the Porcupine Claim and adjacent ground have been periodically explored by various individuals and companies. A summary of past exploration on the claims is provided on the following page:


Nelson
Granite-Poorman
Au
RIVER
Au, Cu
Reef
KOOTENAY
Ag, Au
Silver King
Second Relief
Au, Ag
Arlington
Au
Salmo
SALMO
RIVER
Hidden Creek
Ymir Mine
Ymir
Yankee Girl
Ymir Gold Camp
Portuguese
Sheep Creek Gold Camp
HB
Au
Emerald
Au
Jersey
Remac
Cu
N
Scale
Miles 5 0 5
Kilometres 5 0 5
Mineral occurrence
Figure 11
inches
0 1
0 1 2
centimetres
This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.
BRITISH COLUMBIA GEOLOGICAL SURVEY

1886-1901	Open cuts and a short adit driven.
1902	Porcupine Claim crown granted.
1925	Rehabilitation of adit.
1926	Eighteen tons of ore shipped to Trail smelter.
1932	Several short adits totalling 130 metres and open cuts on five separate veins.
1938	84 metres of drifting.
1939	49 metres of drifting, 20 metres of cross cutting and 396 metres of tractor trail built.
1944	38 metres of drifting.
1948	26 tons of ore shipped to Trail smelter by Maple Leaf Mining Company, Inc.
1968	Geological mapping and sampling of surface workings by Duval Corporation.
1976	Geological examination of dumps from adits and cuts by C.F. Graham and Associates.
1978	Surface Geological mapping by Mr. I Urquhart.
1980	275 metres of line cutting, rock and soil sampling.
1981	16.5 kilometers of line cutting and grid soil sampling along 100 metre separated lines.

The results of Shipments from the Porcupine Claim in 1926 and 1948 reported by Little (1960) of the Geological Survey of Canada are tabulated below:

Tons Mined	Gold oz	Silver oz	Lead lbs	Zinc lbs
44	3	405	3,747	3,832

4. GEOLOGY

4.1 Regional Geology

The Porcupine Claim Group lies within the Omineca Crystalline Belt and is underlain by Mesozoic-age sedimentary, volcanic and intrusive rocks. Regional geological mapping by H.W. Little of the Geological Survey of Canada has separated the volcanic and sedimentary rocks into three separate packages. From oldest to youngest these are: argillite, slate and paragneiss of the lower or pre-Jurassic Ymir Group; greenstone of the lower Jurassic Rossland Formation; and argillite, sandstone and conglomerate of the mid to upper Jurassic Hall Formation.

The volcanic and sedimentary sequence has been folded into a north-trending synclinorium whose axis runs from Salmo to Nelson. Subsequently to folding, the sedimentary and volcanic rocks were intruded by granodiorite of the Cretaceous-age Nelson plutonic rocks.

In both the Ymir and Sheep Creek Gold Camps, gold-silver-bearing quartz veins occupy steeply dipping northeasterly trending fissures. Mineralized veins in the Ymir Camp generally occur in the contact zone between tongues of granodiorite and schists of the Ymir Group. Vein widths range from less than 30 centimeters to 12 metres. The wall rock contacts are free and well defined and are often marked by seams of gouge. Gold and silver occur in shoots up to 150 by 145 metres that consist of variable quantities of pyrite, galena and sphalerite in a gangue of quartz and altered wall rock. The wall rocks of the ore shoots are silicified.

In the Sheep Creek Gold camp quartz veins are hosted by argillaceous quartzites. Here, quartz veins range from a few centimeters to 1.5 metres thick, and are mineralized with varying amounts of pyrite, pyrrhotite, chalcopyrite, galena and sphalerite in a gangue of quartz and calcite. The veins also carry minor quantities of scheelite and wolframite.

4.2 Property Geology

The Porcupine Claim Group lies on the east flank of the main north-trending synclinorium and is underlain by rocks of the Ymir Group that have been intruded by tongues and dykes of granodiorite. On the property, the Ymir Group rocks consist of phyllitic argillite, calcareous mudstone and siltstone. All of the sedimentary rocks contain disseminated pyrite in amounts ranging from traces to over 5%. Where observed, the sedimentary rocks strike northerly and dip steeply to the west.

The dykes and tongues of granodiorite trend northerly to northeasterly and range in composition from granodiorite to quartz monzonite. The contacts with sedimentary rock are sharp and the sedimentary rocks adjacent to the intrusives are usually silicified and hornfelsed.

4.3 Mineralization

Gold-silver mineralization has been found at numerous locations on the Porcupine Claim Group. At least five separate veins (i.e. five separate vein trends) have been explored by open cuts, trenches and underground workings. Unfortunately, the results obtained by this early work are poorly documented

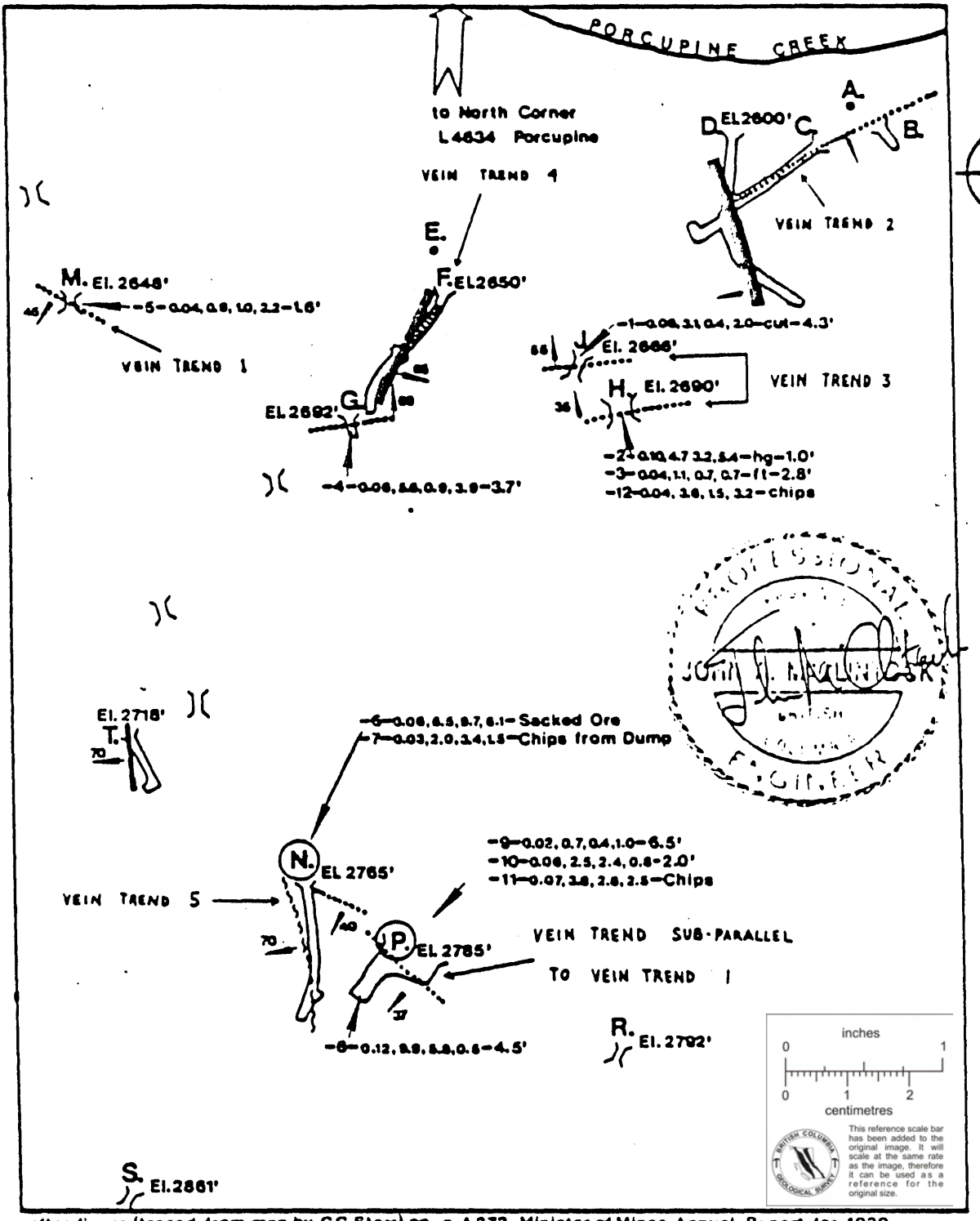
Where observed, gold-silver mineralization on the Porcupine Claim Group consists of pyrite, galena and sphalerite with traces of pyrrhotite in a gangue of quartz and silicified wall rock. The veins occupy steeply dipping shear zones in argillite adjacent to their contacts with granodiorite dykes. The shear zones are up to three metres wide with the best mineralization usually restricted to less that a metre.

Previous sampling of the workings is documented in the British Columbia Minister of Mines Annual Report for 1925, and 1930 (figure 10). A description of the highest grade samples is provided in the following table.

Sample Description	Gold oz/ton	Silver oz/ton	Lead%	Zinc%
Grab from ore sacks N	0.09	14.4	18.9	2.4
Select specimen at N	0.74	6.1	7.54	1.2
Select specimen at P	1.62	16.4	11.82	8.7
Selected sample from ore at N	0.06	4.9	12.03	4.4
Selected sample from ore at N	0.04	5.1	12.64	8.5

During the current program, three samples were collected from dumps and spoil piles from old workings by employees of J. Paul Stevenson and Associates (HG2, NV1, NV2), and three samples were collected by the writer (Porc 2-4). The location of the samples is displayed on figure 12, and the results summarized as follows:

Sample No.	Sample Description	Gold oz/ton	Silver oz/ton	Lead%	Zinc%
HG 2	Grab galena/shalerite quartz vein	0.006	0.42	0.19	0.49
NV 1	Grab quartz vein	0.063	-	-	-
NV 2	Grab quartz vein	0.026	-	-	-
Porc 2	Grab quartz vein	0.002	0.03	-	-
Porc 3	Grab pyrite and sphalerite quartz	0.026	0.88	-	-
Porc 4	Grab galena/sphalerite vein	0.011	7.90	-	-



-after figure (traced from map by CC Starr) on p. A 273, Minister of Mines Annual Report for 1930

SCALE

0 10 20 30 40 50 metres

1:1000

LEGEND

Sample results & description
-No.-oz. Au, oz. Ag, % Pb, % Zn-dimension (feet)/comment

- veins
- dykes
- fault
- 70 dip direction & angle in degrees
- open-cut/trench
- adit

EL2600'-elevation (feet)

*OBOLUS RESOURCES INC.

LASER RESOURCES LTD.*
PORCUPINE PROPERTY
WORKINGS
LOT 4634

FIGURE	NTS	82F/3E & 6E	REVISED:
10	DATE	5-05-88	22-06-88 JI

5. GEOCHEMISTRY

5.1 Sampling, Sample Preparation and Analytical Procedure

During August 1987, J. Paul Stevenson and Associates Ltd., using chain and compass techniques, established a grid of stations at 25 m intervals along 50 metre separated northwesterly oriented lines (figure 2). At each station, a sample of "B" horizon soil was collected and placed in a labelled, kraft paper envelope. These soil samples were sent to Min En Laboratories Ltd. in North Vancouver where they were oven dried at 30 degrees Celsius. Dried samples were passed through a -80 mesh sieve. A 10 gram sample of the -80 mesh material from each sample was digested with hot dilute aqua regia and followed by a methyl isobutyl ketone (MIBK) extraction. Gold was determined in the MIBK extract by atomic absorption using background correction., Lead, zinc and silver analysis was done by atomic absorption after digestion in hot dilute aqua regia solution. The total number of samples collected and analyzed was 650.

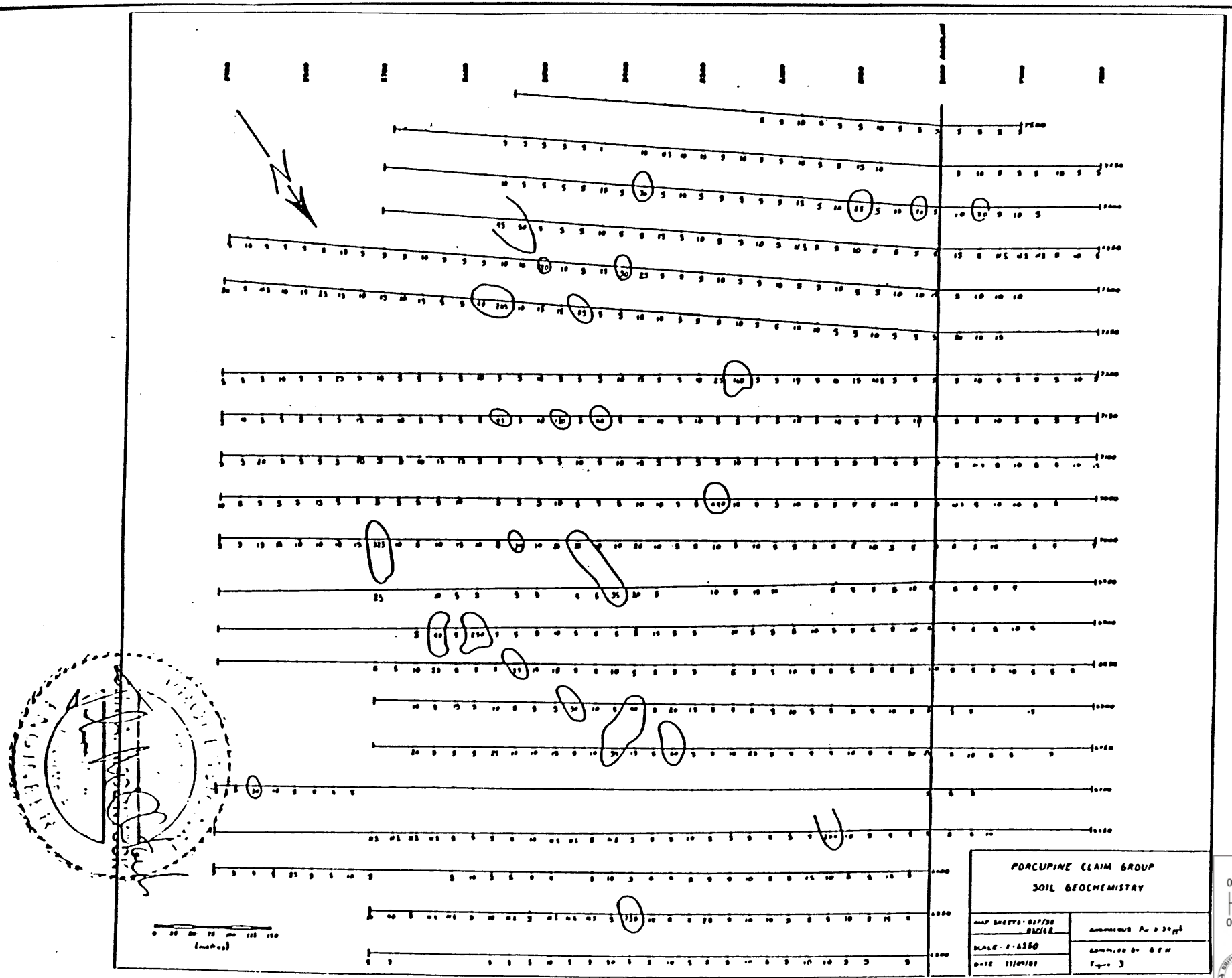
5.2 Interpretation of Results

Statistical manipulations were carried out on the logarithms of the analytical results to determine the anomalous levels (mean plus 2 standard deviations). A summary of the anomalous levels for gold, silver, lead and zinc are as follows:

Element	Anomalous (Mean plus 2 Standard Deviations)
Gold	30 ppb
Silver	3.0 ppm
Lead	180 ppm
Zinc	1150 ppm

The analytical results for gold,. silver, lead and zinc are plotted on figures 3 through 6 respectively. A complete listing of all analytical results is provided in Appendix II of this report.

Gold: Contouring of the gold values highlighted 19 separate areas of the claims as anomalous (figure 3). Within the anomalies, gold values are up to 730 ppb. These anomalies occur discontinuously within a north northeasterly trending, 600 metre by 300 metre, area of the central part of the grid. With the exception of four anomalies, all are single anomalies. Many of the anomalies occur in an area of now slumped trenches and open



cuts. Two of the multi-sample anomalies are in the northern part of the central area in an overburden covered area where no old workings were observed.

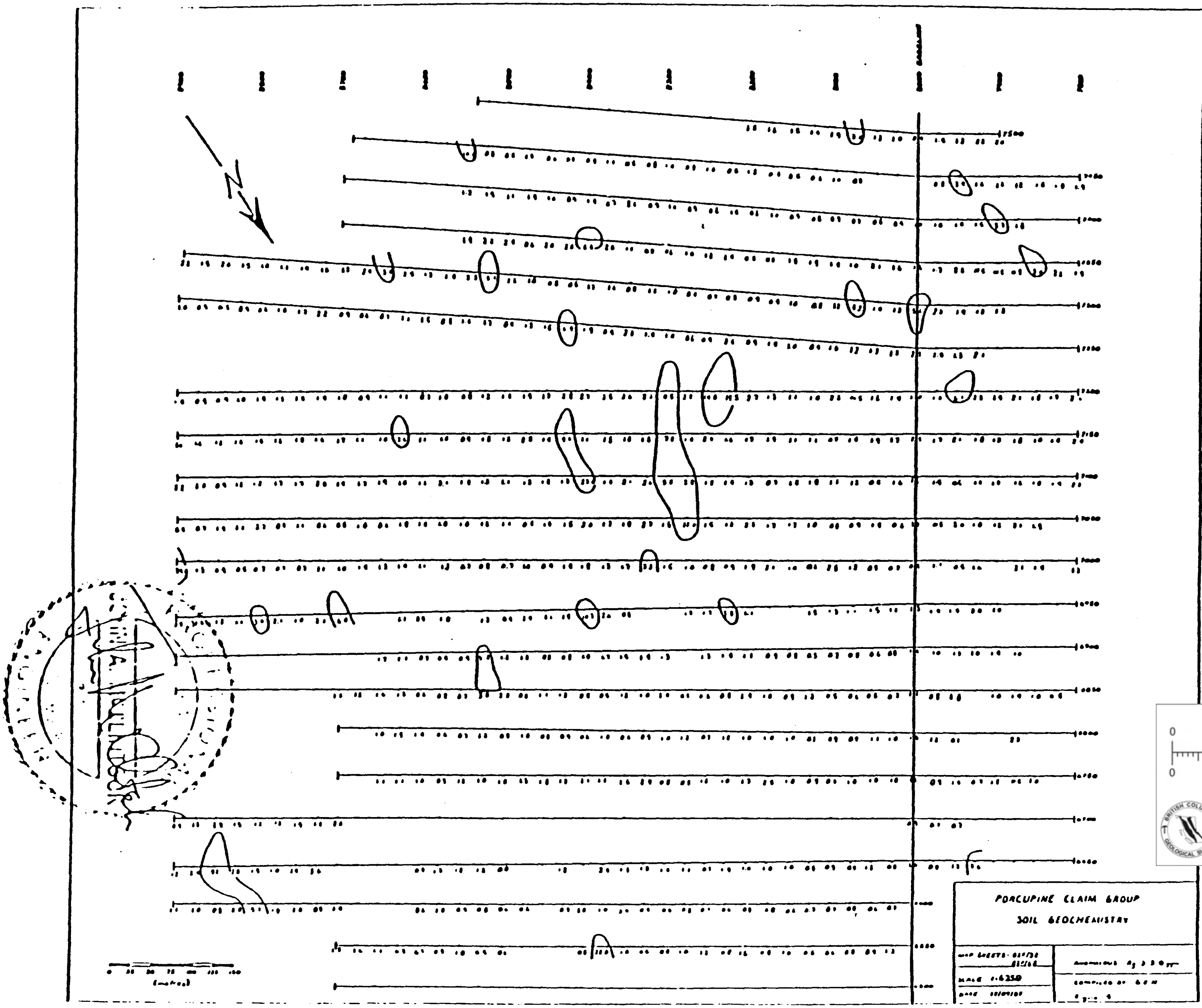
Silver: Analysis of the soil samples showed the background silver content to be high. The mean silver value is 1.0 ppm, a value which on most mineral properties would be considered anomalous. For this reason, in addition to contouring the anomalous values ($\geq$ 3.0 ppm), values in excess of 2.0 ppm were also contoured (not shown).

Contouring of the silver values highlights numerous areas of the grid as anomalous (figure 4). These anomalous values are concentrated in two major trends. The most prominent trend is a 600 by 300 metre, north northeasterly oriented zone occurring in the centre of the grid. This broad area of anomalous silver is coincident with the same area defined by scattered gold anomalies. Within this zone are seven separate multi-sample and single sample anomalies. Contouring the $\geq$ 2.0 ppm silver values joins five of these anomalies into a single zone measuring 350 by 300 metres. The southern part of the zone of silver anomalies occurs in an area where an old shaft, and now slumped open cuts were noted. Because of its depth and the lack of appropriate equipment, the shaft could not be entered; however, examination of the dump found pyrite, sphalerite and galena bearing quartz. The northern part of the anomalous zone overlies predominantly overburden covered areas. Although occasional slumped pits are present, the source of these anomalous values is unexplained. It is possible that these anomalies are caused by northerly extensions of the mineralization exposed in the shaft, or separate shear-hosted veins.

The second major anomalous silver trend occurs in the northeast area of the grid. Unlike the central zone, this eastern zone is not coincidently anomalous for gold. No old workings were noted in this area and therefore, the source of these anomalies is not fully explained. The source of the anomalous silver may be precious metal-bearing, shear hosted quartz veins.

A third area of anomalous silver values occurs in the southwest grid area. Here, northerly oriented silver anomalies are coincident with scattered anomalous gold values. Several slumped pits were observed and minor amounts of pyrite bearing quartz were seen.

Lead: When contoured at 180 ppm, eleven separate areas of the grid are highlighted as anomalous for lead (figure 5). Nine of these anomalies are multisample anomalies. Of these multisample anomalies, five occur within the central grid area and are generally coincident with the areas outlined by the silver and gold soil anomalies. The remaining four anomalies occur in the



north and northeastern grid area and overlie areas of single station silver anomalies. As in the case of silver and gold, the lead anomalies trend north-northeasterly.

Of the nine multisample anomalies, three overlie areas of known mineralization. These anomalies are centered at grid coordinates 70+50S and 82+50E, 69+50N and 83+75E, and 66+00S and 84+00E. The remaining six anomalies are in overburden covered areas. As with the gold and silver anomalies, these lead anomalies may indicate additional precious metal mineralization concealed beneath the overburden.

Zinc: Contouring of the zinc soil results identified 18 separate zinc anomalies scattered over the grid area (figure 6). Only six of the zinc anomalies are coincident with anomalous values in the other metals analyzed. Four of these zinc anomalies are in a north-northeasterly trending area of the central grid area. Only the anomalies centered at grid co-ordinates 70+50S, 82+75E and 65+50S, 83+75E are in an area of known zinc mineralization. At both, sphalerite occurs in quartz on the spoil piles from old workings. The remaining zinc anomalies as yet are unexplained.

6. GEOPHYSICS

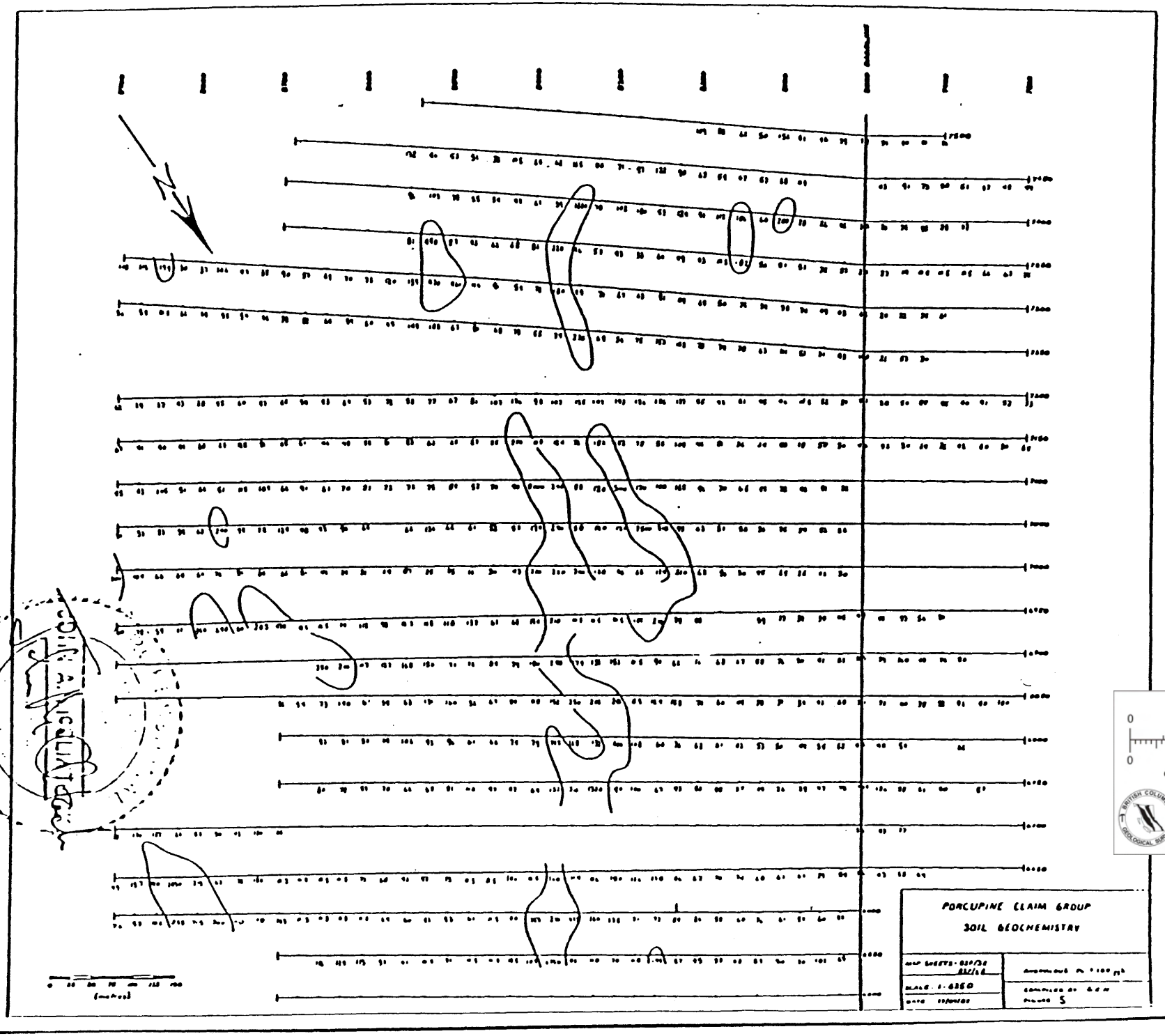
Utilizing the geochemical grid, VLF electromagnetic and magnetometer surveys were carried out on the Porcupine Claim Group. It was hoped that the VLF electromagnetic survey would be useful in locating shear zones and fault structures that might host precious metal-bearing veins.

The magnetometer survey was carried out as an aid to geological mapping. Since many of the known gold and silver bearing veins and replacement zones are localized at the contacts of granitic dykes and argillites, it was thought that a magnetic survey would be useful in tracing such contacts in overburden covered areas.

6.1 VLF Electromagnetic Survey

Survey Procedure

The VLF EM 16 survey readings were taken at 25 metre intervals along the geochemical grid lines. During the survey, care was taken in regard to technique to attempt to compensate for the steep terrain on the property. All readings were taken facing approximately perpendicular to the transmitting station in Seattle.



Compilation of Data

The readings were reduced by applying the Fraser Filter and plotted at a scale of 1:2500 (here reduced to 1:6250). Filtered data, as shown on the accompanying map, are plotted between reading stations. The positive filtered values were contoured at intervals of 10 degrees, starting at 10 degrees.

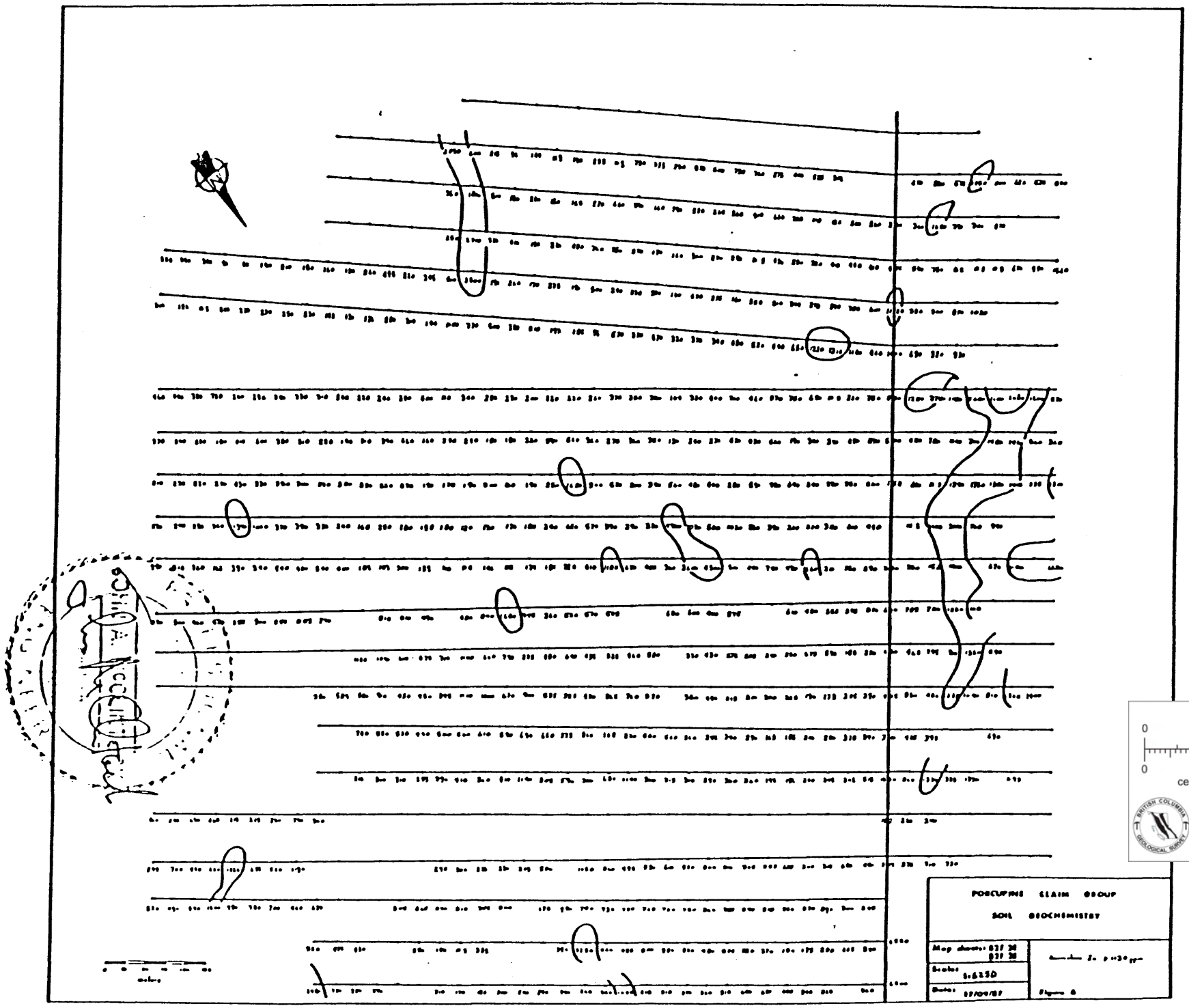
The Fraser Filter is essentially a 4-point difference operator which transforms zero crossings into peaks, and a low pass smoothing operator which reduces the inherent high frequency noise in the data. Therefore, the noisy, non-contourable data are transformed into less noisy, contourable data. Another advantage of this filter is that a conductor that does not show up as a crossover on the unfiltered data will quite often show up on the filtered data.

Instrumentation and Theory

A standard Geonics VLF EM 16 receiver was used for this survey. This instrument is designed to measure the magnetic component of a very low frequency (VLF) electromagnetic field. The U.S. Navy submarine transmitter located in Seattle and transmitting at 24.8 KHz was used.

In all electromagnetic exploration, a transmitter produces an alternating magnetic field (primary) with a strong alternating current usually through a wire coil. If a conductive mass such as a sulphide body is within this magnetic field, a secondary alternating current is induced which in turn induces a secondary magnetic field that distorts the primary magnetic field. It is this distortion that the VLF EM receiver measures. The VLF EM uses a frequency range from 16 to 24 KHz, whereas most EM instruments use frequencies ranging from a few hundred to a few thousand Hz. Because of its relatively high frequency, the VLF EM can pick up bodies of low conductivity and therefore is more susceptible to clay beds, electrolyte-filling fault, shear zones and porous horizons, graphite, carbonaceous sediments, lithological contacts, as well as sulphide bodies of too low a conductivity for the other EM methods to pick up. Also, since the signal derives from an infinite source, faults of great horizontal and vertical extent give particularly strong anomalous responses.

Consequently, the VLF EM has additional uses in mapping structure and in detecting sulphide bodies of too low a conductivity for conventional EM methods and too small for induced polarization. However, its susceptibility to lower conductive bodies results in a number of anomalies, many of these difficult to explain and, thus, VLF EM preferably should not be interpreted without good geological knowledge of the property and/or other geophysical and geochemical surveys.



Interpretation of Results

The contoured Fraser Filter data revealed numerous conductors (figure 7). Two prominent trends are recognized. The dominant trend is a northeasterly oriented series of conductors passing diagonally through the centre grid area. These northeasterly oriented conductors do not correspond to the known strike of the sedimentary rocks, intrusive-sedimentary contacts or any of the known gold-silver-bearing veins. The trend of these conductors does correspond to the direction of a series of step-like bluffs noted during the survey. It is possible that the northeasterly oriented conductors are caused by northeasterly trending fault shear zones. More detailed geological mapping is required to confirm the source of these conductors.

The second, less prominent conductor orientation is northerly. These conductors are less intense and of more limited extent than the northeasterly trending conductors. These northerly trending conductors parallel the direction of bedding in the sedimentary rock, the intrusive-sedimentary contacts and the known orientation of the gold-silver mineralization. One of these conductors is coincident with a prominent silver-lead soil anomaly and an area of caved workings suggesting this conductor is caused by a mineralized shear zone. The cause of the remaining conductors requires further geological evaluation.

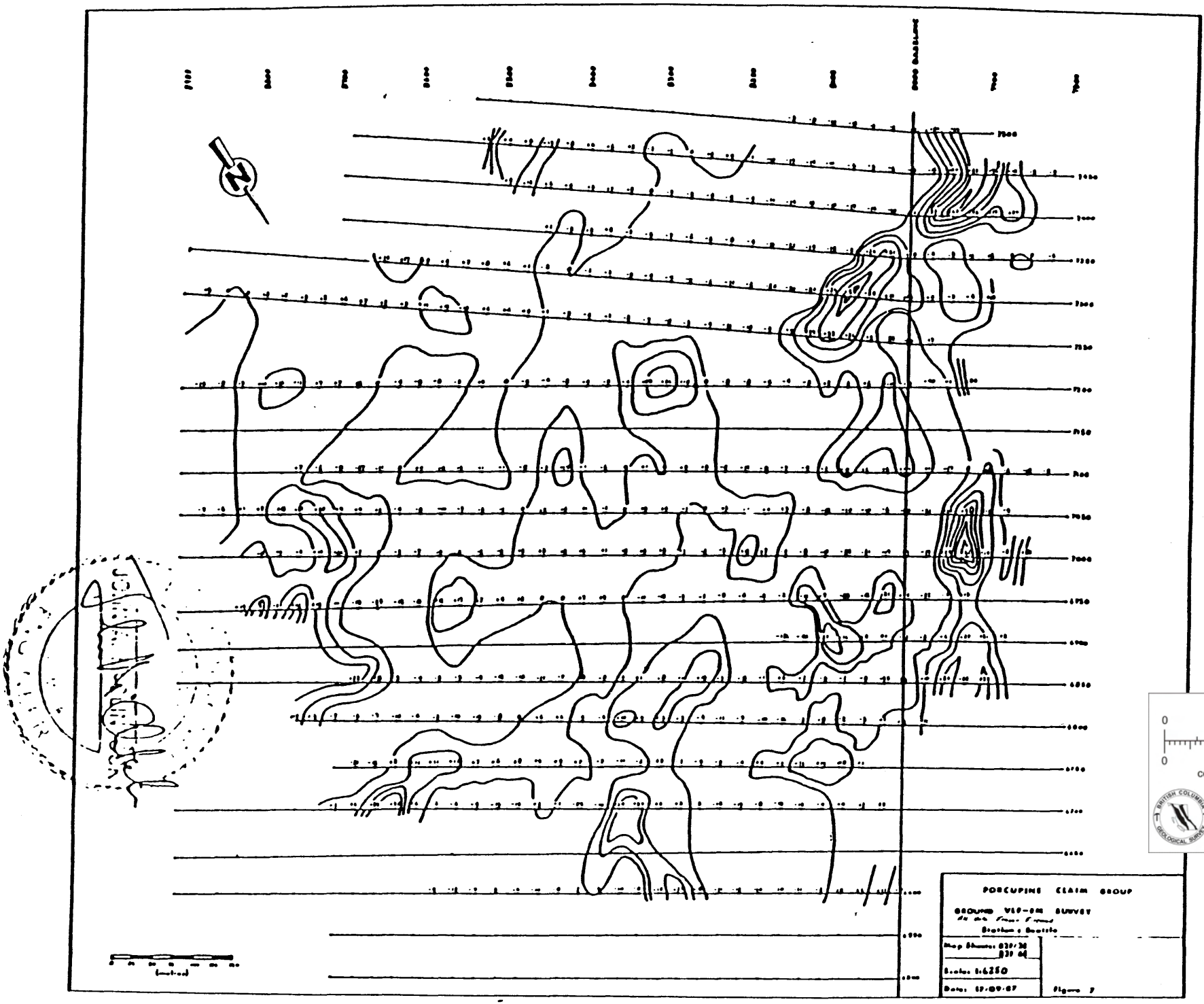
6.2 Magnetometer Survey

Survey Procedure

A Scintrex MP2 proton precision magnetometer was used for the survey. Readings were taken at 25 metre intervals along the geochemical grid lines. Corrections for diurnal drift were made by looping traverses. On each loop the time and magnetic reading of the starting station and each subsequent station on the traverse were recorded. At the end of the traverse, the initial station was re-read and the diurnal variation noted. A correction for the diurnal drift was then applied to each station read during the traverse.

Theory

A magnetometer measures the magnetic component of rock and is affected by magnetic minerals such as magnetite and pyrrhotite. Variations in the content of magnetic minerals between different rock types can be measured by magnetometer surveys. This makes magnetometer surveys helpful in mapping rock types in areas of poor rock exposures. Also, if an ore body contains a high percentage of magnetic minerals, the magnetometer survey is useful in the detection of such bodies. Interpretation of



magnetic surveys requires adequate understanding of the geology.

Results

The corrected magnetometer readings are plotted on the accompanying figure 8. Magnetic relief on the claims is in the order of 1000 gammas. Generally, the readings are elevated over the intrusive rocks and lower over the argillites; however, this is not true in all parts of the survey area. The contrast between the two rock types does not appear to be great enough to be used to map the contacts.

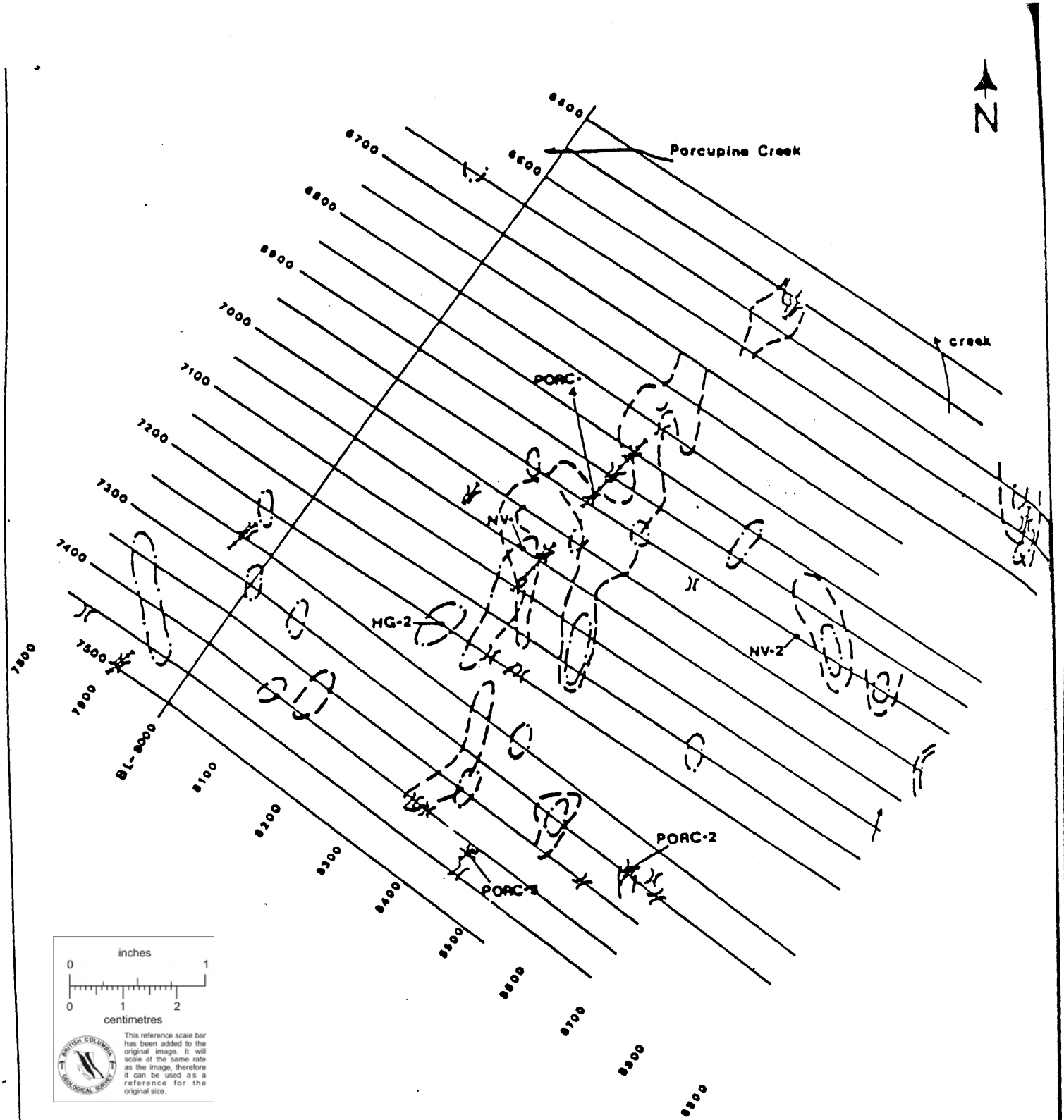
Magnetic lows occur over two of the known sulphide-bearing shear zones noted during mapping, but not others. The exact cause of this discrepancy requires further study. A prominent magnetic low at 73+50S and 85+00E is coincident with a gold, silver, lead and zinc anomaly on its edges. This magnetic low may indicate a shear zone mineralized with base and precious minerals and thus warrants ongoing investigation.

A second area of magnetic lows occurs in a northeasterly trending zone centred at 73+00S and 80+50E. This series of lows is coincident with a prominent VLF EM conductor. The cause of these magnetic lows is unexplained.

7. DISCUSSION

Exploration carried out to date has demonstrated potential for the Porcupine Claim Group to host a gold-silver deposit similar to those previously mined on the nearby Ymir and Yankee Girl properties from which over 233,400 ounces of gold and 1,200,000 ounces of silver were produced from vein-type deposits.

Several gold-silver veins and replacement zones are known to exist on the Porcupine Group Claims. The geological setting and style of mineralization present on the Porcupine Claims is very similar to that on the Ymir and Yankee Girl properties. Because of the poor documentation of previous exploration and the inaccessibility of many of the abandoned workings, little is known of the gold and silver grades of the mineralization on the Porcupine claims. A proper evaluation of these workings will require systematic chip and channel sampling. Although many of the opencuts observed by the writer were inaccessible nearly all could be reopened in a few hours by two men with shovels.



Scale

0 50 100 150 200 250

metres

PORCUPINE PROPERTY GRID

GEOCHEMICAL & PHYSICAL COMPILATION

FIG. 12

Scale
1:7500

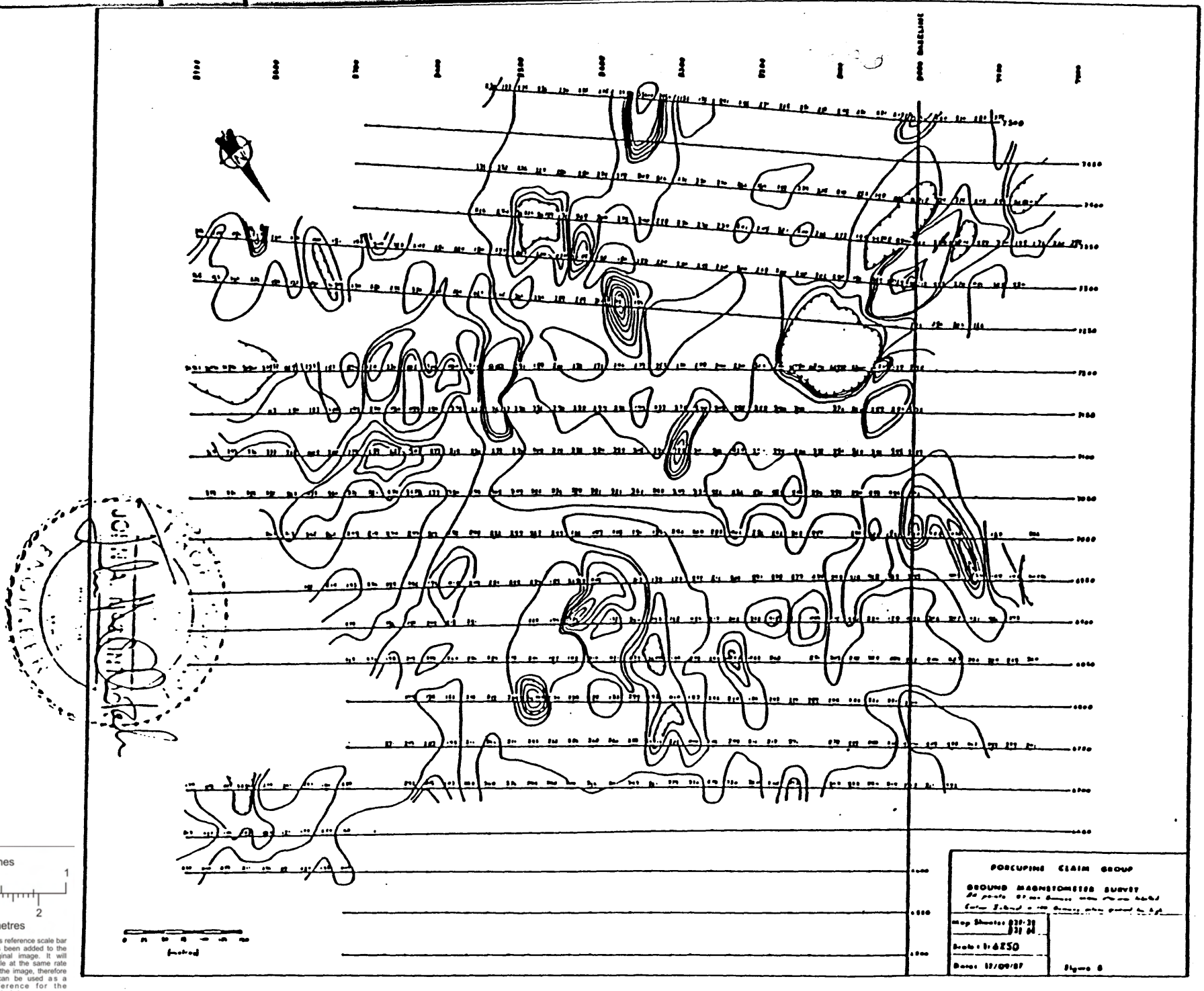
Map Sheets
82F/3E & 6E

Date
28/03/88

- Silver soil +3.0 ppm
- Lead soil + 150 ppm
- NV-1→ Sample location
- Adit
- Trench or pit
- Shaft
- Vein trend

JOHN A. GOLLINTOCK

REVISED:
22-06-88



Soil sampling has outlined several coincident gold, silver and lead anomalies on the claim block. Several of these anomalies occur in overburden covered areas not known to be mineralized. Some of these anomalies lie on strike with the trend of mineralization exposed in old workings. These anomalies possibly indicate additional veins concealed beneath overburden or extensions to the known mineralization. Evaluation of the geochemical anomalies will require further grid soil sampling, systematic prospecting and rock sampling.

The known mineralization at one location was detected by the VLF electromagnetic survey while other zones were not. The VLF electromagnetic survey highlighted strong northeasterly oriented conductors the causes of which require further investigation. The magnetometer survey showed one of the known vein systems to be a magnetic low while other mineralized zones were not detected. The contrasting magnetics between the granodiorite and sedimentary rocks appear to be too low to allow mapping of their contacts by a magnetometer survey.

8. RECOMMENDATIONS

A two-phase exploration program is recommended for the Porcupine Claim Group. The initial phase is designed to further define the surface extent and grade of the currently known mineral occurrences and to locate the source of the various unexplained gold, silver and lead anomalies. Phase II, which is contingent upon favorable results of Phase I, is designed to test the subsurface extent of mineralization found by the Phase I program.

Phase I

The Phase I work program will encompass the following:

1) detailed 1:1000 scale geological mapping of the entire grid area and thorough prospecting and chip or channel sampling of any mineralization found:

2) locate, clean-out, geologically map and sample old adits, pits and trenches.

3) complete fill-in soil lines within anomalous zones to establish a 25 by 25 metre sampling grid;

4) extend soil grid to the south and east maintaining a 50 by 25 metre spacing.

NOTE: Underground rehabilitation is reserved for Phase II to allow prioritization of underground targets based on the results of Phase I geology and rock sampling.

PROPOSED BUDGET: PHASE I

Cleanup & sampling adits, pits, trenches	$6,000
Geochemical Sample Collection and Analysis	10,000
Travel and Accommodation	4,000
Prospecting and Geological Mapping	6,000
Rock Sample Analysis	3,000
Report Preparation and Drafting	2,500
Administration	2,500
Contingency @ 10%	3,400
TOTAL PHASE I	**$37,400**

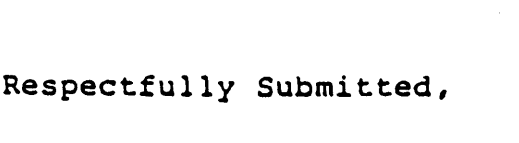
PHASE II

Contingent on favorable results from the Phase I program and a clear definition of targets, further exploration on the Porcupine Group Claims by way of trenching, rehabilitation of workings and diamond drilling will be warranted.

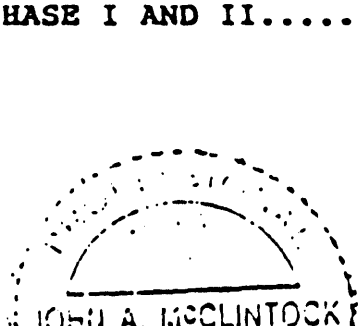
PROPOSED BUDGET

Trenching and rehab of workings (all in)	$20,000
NQ wireline: 600 metres @ $100/metre (all in)	60,000
Contingencies	8,000
TOTAL PHASE II	**$88,000**
TOTAL RECOMMENDED PROGRAM, PHASE I AND II	**$125,400.00**

Respectfully Submitted,



John A. McClintock, P.Eng.



October 5, 1987
Revised: June 20, 1988

REFERENCES

1) Cockfield, W.E., (1936) "Lode Gold Deposits of Ymir-Nelson Area, British Columbia" Canada Department of Mines, Geological Survey Memoir 191.

2) Cochrane, D.R., 1978 Assessment Report.

3) Drysdale, C.W., (1917) "Ymir Mining Camp, British Colubia". Canada Department of Mines, Geological Survey Memoir 94.

4) Little, H.W. (1960) "Nelson Map Area, West Half, British Columbia (82FW 1/2)" G.S.C. Memoir 308

5) Geology, Exploration, Mining, 1976, p. E36, 1978 p. E56, 1979 p. 62.

6) Minister of Mines, B.C., Annual Reports: 1925, p.249; 1930, p.273; 1939, p.81; 1944, p.61; 1948, p.133.

7) Richardson, Paul, W. 1982 Assessment Report.

APPENDIX I

RECORD OF MINERAL CLAIMS

October 5, 1987

MAP NO. 82F/6E

Province of British Columbia
Ministry of Energy, Mines and Petroleum Resources

RECORD OF MINERAL CLAIM
Mineral Act
Form A

MINING RECEIPT NO. 670405E

RECORD NO. 4706

RECORDED AT NELSON, B.C., THIS 1ST DAY OF JUNE 19 87

DO NOT WRITE IN SHADED AREAS
FOR OFFICE USE ONLY

GOLD COMMISSIONER

NELSON
MINING DIVISION

APPLICATION FOR REVERTED CROWN-GRANTED 2 POST CLAIM
(Mineral Act)

I, Anton Nijhuis (NAME) AGENT FOR _____ (NAME)

#1- 1449 Arrow Lakes Dr Castlegar (ADDRESS) _____ (ADDRESS)

VALID SUBSISTING F.M.C. No. VIN 159 NIJHA VALID SUBSISTING F.M.C. No. _____

make application for a record of mineral claim of the following reverted Crown-granted 2 Post claim (s).

If more than one claim appears in this application, the applicant(s) hereby certifies (certify) that the claims all adjoin and do not collectively exceed 25 hectares.

Name of Claim	Lot No.	Mining Division	Land District	Area in Hectares
Gorging	5130	Nelson	Kootenay	13.65
Sandsulphur	4639	Nelson	Kootenay	2.48

O.P. 314181

Total 16.13

The prescribed fee, in the amount of $ 50.00, is submitted herewith.

A.N. Signature

OFFICE USE ONLY
Time A.M. 8 30
P.M. _____

GOLD COMMISSIONER
RECEIVED and RECORDED
JUN - 1 1987
M.R. $100.00
STAMP NELSON, B.C.

Work No.'s	Recorded	M.R.	Date of Expiry	Transfers (Bills of Sale, Assignments, Conveyances)

MAP NO. 82F/6E

Province of British Columbia
Ministry of Energy, Mines and Petroleum Resources

MINING RECEIPT NO. 670405H

RECORD OF MINERAL CLAIM
Mineral Act
Form A

RECORD NO. 4705

RECORDED AT NELSON, B.C., THIS 1ST DAY OF JUNE 19 87

DO NOT WRITE IN SHADED AREAS FOR OFFICE USE ONLY

GOLD COMMISSIONER — NELSON MINING DIVISION

APPLICATION FOR REVERTED CROWN-GRANTED 2 POST CLAIM
(Mineral Act)

I, Anton Nijhuis (NAME) AGENT FOR _____ (NAME)

#1- 1469 Arrowhead Dr. Castlegar (ADDRESS) _____ (ADDRESS)

VALID SUBSISTING F.M.C. No. VIN 139 N1JHA VALID SUBSISTING F.M.C. No. _____

make application for a record of mineral claim of the following reverted Crown-granted 2 Post claim (s).

If more than one claim appears in this application, the applicant(s) hereby certifies (certify) that the claims all adjoin and do not collectively exceed 25 hectares.

Name of Claim	Lot No.	Mining Division	Land District	Area in hectares
Imperial	3025	Nelson	Kootenay	15.15
			Total	15.15

The prescribed fee, in the amount of $ 50.00, is submitted herewith.

A. Nijhuis
Signature

OFFICE USE ONLY
Time A.M. 8:30
P.M. _____

GOLD COMMISSIONER
RECEIVED and RECORDED
JUN - 1 1987
M.R. 670405H $100
G.C. ST NELSON, B.C.

Claim No.'s	Recorded	M.R.	Date of Expiry	Transfers (Bills of Sale, Assignments, Conveyances)

RECORD OF MINERAL CLAIM - MINERAL ACT

FORM G

NO. 82F/3E & 6E

RECORD NO. 4850

RECEIPT NO. 987745H RECORDED AT NELSON B.C. THIS 24 DAY OF AUG. 19 87

NOT WRITE IN SHADED AREA

NELSON

MINING DIVISION

APPLICATION TO RECORD A MINERAL CLAIM

I, BEN NYHUIS (NAME) AGENT FOR ______ (NAME)

1124 STANLY ST (ADDRESS)

NELSON B.C (CITY) V1L 1P5 (POSTAL CODE)

VALID SUBSISTING F.M.C. NO. 273211 VALID SUBSISTING F.M.C. NO. ______

MINING DIVISION NELSON MAP NO 82F/6E + 3E

STATE THAT I COMMENCED LOCATING THE PORKY MINERAL CLAIM

ON THE 15 DAY OF AUG 19 87 AT 10:00 AM AND COMPLETED THE LOCATION

ON THE 21 DAY OF AUG 19 87 AT 12:01 AM CONSISTING OF

5 (NUMBER) UNIT LENGTHS N (DIRECTION) AND 4 (NUMBER) UNIT LENGTHS W (DIRECTION) AND I HAVE IMPRESSED ALL THE REQUIRED INFORMATION

METAL TAGS NO. 100156 WHICH HAS BEEN SECURELY FASTENED TO THE POSTS AS REQUIRED UNDER THE REGULATIONS

IDENTIFICATION POST(S) NOT PLACED WERE ______

APPLICABLE SQUARE ☑ THE LEGAL CORNER POST ☐ THE WITNESS POST FOR THE LEGAL CORNER POST IS SITUATED

EAST ALONG THE PORCUPINE CREEK ROAD FROM THE SALMO-NELSON HIGHWAY, THE POST IS LOCATED 4M NORTH OF THE ROAD 2000 M AT 102° S.E. OF THE MOUTH OF PORCUPINE CREEK ON LOT # 5380

BEARING AND DISTANCE TO TRUE POSITION OF LEGAL CORNER POST FROM THE WITNESS POST ______

BEARING AND DISTANCE FROM IDENTIFICATION POST TO WITNESS POST ______

I HAVE COMPLIED WITH ALL THE TERMS OF THE MINERAL ACT AND REGULATIONS PERTAINING TO THE STAKING OF MINERAL CLAIMS AND HAVE ATTACHED A PLAN, ACCEPTABLE TO THE GOLD COMMISSIONER OF THE LOCATION

Ben Nyhuis

SIGNATURE

GOLD COMMISSIONER
RECEIVED and RECORDED
AUG 24 1987
M.R. 987745H $100.00
NELSON, B.C.

UNITS 20

YEAR	CLM	MINING RECEIPT AND DATE RECORDED	TYPE OF WORK	DATE OF EXPIRY	CREDIT WORK		TRANSFERS (BILLS, ASSIGNMENTS, CONVEYANCES)

ENT CONT SEC8(2) L 4484/85, 16036, 16130/32, L1533/84 ...

ORIGINAL

MAP NO. 62F/6E

Province of British Columbia
Ministry of Energy, Mines and Petroleum Resources

RECORD OF MINERAL CLAIM

4909

Mineral Act

Form A

MINING RECEIPT NO. 688600H

RECORD NO. 4909

RECORDED AT NELSON B.C., THIS 12th DAY OF November 1987

DO NOT WRITE IN SHADED AREAS FOR OFFICE USE ONLY

[signature] GOLD COMMISSIONER

NELSON MINING DIVISION

APPLICATION FOR REVERTED CROWN-GRANTED 2 POST CLAIM

(Mineral Act)

I, MIKE HUDOCK (NAME) AGENT FOR ________ (NAME)

923 CEDAR ST. NELSON, B.C. V1L 2C9 (ADDRESS) ________ (ADDRESS)

VALID SUBSISTING F.M.C. No. 273198 VALID SUBSISTING F.M.C. No. ________

make application for a record of mineral claim of the following reverted Crown-granted 2 Post claim (s).

If more than one claim appears in this application, the applicant(s) hereby certifies (certify) that the claims all adjoin and do not collectively exceed 25 hectares.

Name of Claim	Lot No.	Mining Division	Land District	Area in hectares
Occupant	4634	Nelson	Kootenay	[illegible] 20.90
			Total	20.90

The prescribed fee, in the amount of $ 50.00, is submitted herewith.

[signature] Signature

OFFICE USE ONLY

Time A.M. 8:30

P.M. ____

GOLD COMMISSIONER
RECEIVED and RECORDED
NOV 12 1987
M.R. 688600H $100.00
G.C. STAMP NELSON, B.C.

Tag No.'s	Recorded	M.R.	Date of Expiry	Transfers (Bills of Sale, Assignments, Conveyances)

MAP NO. 82F/3E

Province of British Columbia
Ministry of Energy, Mines and Petroleum Resources

MINING RECEIPT NO. 987516H

RECORD OF MINERAL CLAIM
Mineral Act
Form A

RECORD NO. 4629

RECORDED AT NELSON, B.C., THIS 30 DAY OF MAR. 19 87

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GOLD COMMISSIONER — NELSON MINING DIVISION

APPLICATION FOR REVERTED CROWN-GRANTED 2 POST CLAIM
(Mineral Act)

MIKE HUDOCK (NAME) — AGENT FOR — CATHARINA HYHUIS (NAME)

23 CEDAR ST NELSON BC V1L 2C9 (ADDRESS)

1124 - STANLEY ST NELSON, B.C. V1L 1A5 (ADDRESS)

VALID SUBSISTING F.M.C. No. 273198

VALID SUBSISTING F.M.C. No. 273182

make application for a record of mineral claim of the following reverted Crown-granted 2 Post claim (s).

If more than one claim appears in this application, the applicant(s) hereby certifies (certify) that the claims all adjoin and do not collectively exceed 25 hectares.

Name of Claim	Lot No.	Mining Division	Land District	Area in hectares
SUNRISE	4385	NELSON	KOOTENAY	38.17

Total 38.17

The prescribed fee, in the amount of $ 50.00, is submitted herewith.

M Mudock
Signature

OFFICE USE ONLY — Time A.M. 9:30 P.M.

Mining Recorder's Office
NELSON, B.C.
RECEIVED FOR RECORD
MAR 30 1987
Mining Receipt No 987516H
G.C. STAMP FEE $ 50.00

Claim No.'s	Recorded	M.R.	Date of Expiry	Transfers (Bills of Sale, Assignments, Conveyances)

MAP NO. 82F/3E

Province of British Columbia
Ministry of Energy, Mines and Petroleum Resources

RECORD OF MINERAL CLAIM
Mineral Act
Form A

MINING RECEIPT NO. 987516E

RECORD NO. 4628

RECORDED AT NELSON, B.C., THIS 30 DAY OF MAR. 19 87

DO NOT WRITE IN SHADED AREAS
FOR OFFICE USE ONLY

GOLD COMMISSIONER

NELSON
MINING DIVISION

APPLICATION FOR REVERTED CROWN-GRANTED 2 POST CLAIM
(Mineral Act)

I, MIKE HUDOCK (NAME) AGENT FOR CATHARINA HYHUIS (NAME)

933 OAK ST, NELSON BC V1L2C9 (ADDRESS) 1124 - STANLEY ST NELSON B.C. V1L 1P5 (ADDRESS)

VALID SUBSISTING F.M.C. No. 273198 VALID SUBSISTING F.M.C. No. 273182

make application for a record of mineral claim of the following reverted Crown-granted 2 Post claim (s).

If more than one claim appears in this application, the applicant(s) hereby certifies (certify) that the claims all adjoin and do not collectively exceed 25 hectares.

Name of Claim	Lot No.	Mining Division	Land District	Area in hectares
PORCUPINE	2908	NELSON	KOOTENAY	42.24
G.P. 31 (1/87)			Total	

The prescribed fee, in the amount of $ 50.00, is submitted herewith.

M Hudock
Signature

OFFICE USE ONLY
Time A.M. 8:30
P.M.

Mining Recorder's Office
NELSON, B.C.
RECEIVED FOR RECORD
MAR 30 1987
Mining Receipt No. 987516E
G.C. STAMP FEE $ 50.00

Claim No.'s	Assessed	M.R.	Date of Expiry	Transfers (Bills of Sale, Assignments, Conveyances)

MAP NO. 82F/3E

Province of British Columbia
Ministry of Energy, Mines and Petroleum Resources
RECORD OF MINERAL CLAIM
Mineral Act
Form A

MINING RECEIPT NO. 987516H

RECORD NO. 4627

RECORDED AT NELSON B.C., THIS 30 DAY OF MAR. 19 87

DO NOT WRITE IN SHADED AREAS FOR OFFICE USE ONLY

GOLD COMMISSIONER

NELSON
MINING DIVISION

APPLICATION FOR REVERTED CROWN-GRANTED 2 POST CLAIM
(Mineral Act)

MIKE HUDOCK (NAME) AGENT FOR CATHARINA HYHUIS (NAME)

23 CEDAR ST NELSON BC V1L 2C9 (ADDRESS)

1124 - STANLEY ST NELSON B.C. V1L 4P5 (ADDRESS)

OLD SUBSISTING F.M.C. No. 273198 VALID SUBSISTING F.M.C. No. 273182

We make application for a record of mineral claim of the following reverted Crown-granted 2 Post claim (s).

If more than one claim appears in this application, the applicant(s) hereby certifies (certify) that the claims all adjoin and do not collectively exceed 25 hectares.

Name of Claim	Lot No.	Mining Division	Land District	Area in hectares
GERALD	2907	NELSON	KOOTENAY	30.76
			Total	

The prescribed fee, in the amount of $ 50.00, is submitted herewith.

Signature

OFFICE USE ONLY

Time A.M. 2:30 P.M.

Mining Recorder's Office
NELSON, B.C.
RECEIVED FOR RECORD
MAR 30 1987
Mining Receipt No. 987516H
G.C. STAMP FEE $ 50.00

	Recorded	M.R.	Date of Expiry	Transfers (Bills of Sale, Assignments, Conveyances)

MAP NO. 82F/3E

Province of British Columbia
Ministry of Energy, Mines and Petroleum Resources

MINING RECEIPT NO. 9875164

RECORD OF MINERAL CLAIM
Mineral Act
Form A

RECORD NO. 4626

RECORDED AT NELSON B.C., THIS 30 DAY OF MAR. 1987

DO NOT WRITE IN SHADED AREAS FOR OFFICE USE ONLY

GOLD COMMISSIONER

NELSON
MINING DIVISION

APPLICATION FOR REVERTED CROWN-GRANTED 2 POST CLAIM
(Mineral Act)

MIKE HUDOCK
(NAME)
923 CEDAR ST NELSON, BC V1L2C9
(ADDRESS)

AGENT FOR

CATHARINA (HYHUIS) HYHUIS
(NAME)
112 V STANLEY ST NELSON, B.C. V1L 1A5
(ADDRESS)

VALID SUBSISTING F.M.C. No. 273198

VALID SUBSISTING F.M.C. No. 273182

make application for a record of mineral claim of the following reverted Crown-granted 2 Post claim (s).

If more than one claim appears in this application, the applicant(s) hereby certifies (certify) that the claims all adjoin and do not collectively exceed 25 hectares.

Name of Claim	Lot No.	Mining Division	Land District	Area in hectares
VICTOR	2906	NELSON	KOOTENAY	50.00
			Total	

The prescribed fee, in the amount of $ 50.00, is submitted herewith.

M Hudock
Signature

OFFICE USE ONLY
Time A.M. 8:30
P.M.

Mining Recorder's Office
NELSON, B.C.
RECEIVED FOR RECORD
MAR 30 1987
Mining Receipt No. 9875164
G.C. STAMP FEE $ 50.00

	Recorded	M.R.	Date of Expiry	Transfers (Bills of Sale, Assignments, Conveyances)

MAP NO _____

Province of British Columbia
Ministry of Energy, Mines and Petroleum Resources

MINING RECEIPT NO. 987532H

RECORD OF MINERAL CLAIM
Mineral Act
Form A

RECORD NO. 4652

RECORDED AT NELSON, B.C., THIS 13 DAY OF APR. 19 87

DO NOT WRITE IN SHADED AREAS FOR OFFICE USE ONLY

GOLD COMMISSIONER — NELSON MINING DIVISION

APPLICATION FOR REVERTED CROWN-GRANTED 2 POST CLAIM
(Mineral Act)

I, MIKE HUDOCK (NAME) AGENT FOR _____ (NAME)

923 CEDAR ST NELSON, B.C. V1L 2C9 (ADDRESS) _____ (ADDRESS)

VALID SUBSISTING F.M.C. No. 273198 VALID SUBSISTING F.M.C. No _____

make application for a record of mineral claim of the following reverted Crown-granted 2 Post claim (s).

If more than one claim appears in this application, the applicant(s) hereby certifies (certify) that the claims all adjoin and do not collectively exceed 25 hectares.

Name of Claim	Lot No.	Mining Division	Land District	Area in Hectares
NEVADA	3504	NELSON	KOOTENAY	48.50

CP 31618

Total 48.50

The prescribed fee, in the amount of $ 50.00, is submitted herewith.

Signature

OFFICE USE ONLY

Time A.M. 8:30 P.M. ____

Mining Recorder's Office
NELSON, B.C.
RECEIVED FOR RECORD
APR 13 1987
Mining Receipt No. 987532H
G.C. STAMP FEE $ 50.00

Work No.'s	Recorded	M.R.	Date of Expiry	Transfers (Bills of Sale, Assignments, Conveyances)

APPENDIX II

GEOCHEMICAL AND ASSAY CERTIFICATES,

V.L.F. DATA

October 5, 1987
Revised: June 20, 1988

Specialists in Mineral Environments
705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

PHONE: (604)980-5814 OR (604)988-4524 TELEX: VIA USA 7601067 UC

Certificate of ASSAY

Company: J. PAUL STEVENSON
Project: P.C.
Attention: J.P. STEVENSON

File: 7-1008/P1
Date: AUGUST 20/87
Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	AG G/TONNE	AG OZ/TON	AU G/TONNE	AU OZ/TON	PB %	ZN %
6.6.2	14.3	0.42	0.22	0.006	.19	.49
V 1			2.17	0.063		
V 2			0.89	0.026		

N.B. These samples collected by J. Paul Stevenson & Associates

Certified by _____

MIN-EN LABORATORIES LTD.

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

DATE RECEIVED: FEB 22 1988
DATE REPORT MAILED: Feb 26/88

ASSAY CERTIFICATE

- SAMPLE TYPE: ROCK

ASSAYER: C. Leong. D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

J. PAUL STEVENSON File # 88-0494

SAMPLE#	AG OZ/T	AU OZ/T
PORC #2	.03	.002
PORC #3	.88	.026
PORC #4	7.90	.011

N.B. These samples were collected by J. McClintock

SOIL SAMPLE RESULTS

FOR

THE PORCUPINE CLAIM GROUP

October 5, 1987
Revised: June 20, 1988

MIN-EN LABORATORIES LTD.
Specialists in Mineral Environments
705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

P (604)980-5814 OR (604)988-4524 TELEX:VIA USA 7601067 UC

Certificate of GEOCHEM

Company: J PAUL STEVENSON
Project: PC
Attention: J. PAUL STEVENSON

File: 7-1293/P1
Date: SEPT 19/87
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	PB PPM	ZN PPM	AG PPM	AU-WET PPB
6550S 8025E	69	340	1.2	5
6550S 8050E	102	665	0.9	15
6550S 8075E	70	280	0.8	5
6550S 8100E	50	175	0.6	10
6550S 8125E	54	154	0.6	5
6550S 8150E	48	370	1.0	5
6550S 8175E	53	320	0.8	5
6550S 8200E	95	535	1.6	10
6550S 8225E	57	480	0.8	10
6550S 8250E	195	820	1.2	5
6550S 8275E	116	880	1.0	20
6550S 8300E	70	560	0.8	5
6550S 8325E	110	455	0.6	5
6550S 8350E	82	560	1.0	10
6550S 8375E	6750	3250	22.0	730
6550S 8400E	109	390	0.8	5
6550S 8500E	71	335	0.6	5
6550S 8525E	NO SAMPLE			
6550S 8550E	41	180	1.0	10
6550S 8575E	57	250	0.5	5
6550S 8650E	115	430	1.1	5
6550S 8675E	124	425	1.6	40
6550S 8700E	116	520	1.5	10
6600S 8025E	82	245	0.7	5
6600S 8050E	60	300	0.6	15
6600S 8075E	57	290	0.8	5
6600S 8100E	61	370	0.7	5
6600S 8125E	76	320	0.7	10
6600S 8150E	60	210	0.6	15
6600S 8175E	58	240	0.8	5

Certified by

MIN-EN LABORATORIES LTD.

MIN- N LABORATORIE LTD.
Spec..lists in Mineral Environme..ts
705 west 15th Street North Vancouver, B.C. Canada V7M 1T2

':(604)980-5814 OR (604)988-4524 TELEI:VIA USA 7601067 UC

Certificate of GEOCHEM

mpany:J PAUL STEVENSON
oject:PC
tention:J.PAUL STEVENSON

File:7-1293/P2
Date:SEPT 19/87
Type:SOIL GEOCHEM

I hereby certify the following results for samples submitted.

mple mber	PB PPM	ZN PPM	AG PPM	AU-WET PPB
600S 8200E	86	325	0.9	5
600S 8225E	84	360	0.6	10
600S 8250E	73	750	0.7	5
600S 8275E	71	760	0.8	5
600S 8300E	138	765	0.6	5
600S 8325E	160	735	0.9	5
600S 8350E	235	930	2.6	5
600S 8375E	270	750	1.0	5
600S 8400E	255	430	1.0	10
600S 8425E	40	175	0.9	5
0S 8475E	61	500	0.6	5
600S 8500E	53	325	0.6	5
600S 8525E	42	215	0.8	5
600S 8550E	47	240	0.9	5
600S 8575E	60	265	1.0	10
600S 8600E	69	305	0.6	5
600S 8700E	108	670	1.4	5
600S 8725E	78	460	0.9	10
600S 8750E	110	700	1.0	5
600S 8775E	300	780	1.8	5
600S 8800E	715	980	5.7	25
600S 8825E	255	1200	2.0	5
600S 8850E	106	440	0.8	5
600S 8875E	53	490	1.0	5
600S 8900E	76	520	1.1	5
650S 7925E	54	730	3.6	10
650S 7950E	58	910	1.2	5
650S 7975E	43	375	0.8	5
650S 8000E	46	345	1.0	5
50S 8025E	54	450	0.8	5

Certified by _____

MIN-EN LABORATORIES LTD.

MIN EN LABORATORIES LTD.
Specialists in Mineral Environme
705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

PHONE: (604) 980-5814 OR (604) 988-4524 TELEX: VIA USA 7601067

Certificate of GEOCHEM

Company: J PAUL STEVENSON
Project: PC
Attention: J. PAUL STEVENSON

File: 7-1293/P3
Date: SEPT. 19/87
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	PB PPM	ZN PPM	AG PPM	AU-WET PPB
6650S 8050E	39	680	1.2	5
6650S 8075E	62	315	0.9	5
6650S 8100E	61	260	0.9	10
6650S 8125E	68	225	0.8	280
6650S 8150E	74	255	1.0	6
6650S 8175E	70	305	1.0	5
6650S 8200E	67	310	1.0	5
6650S 8225E	46	500	1.4	5
6650S 8250E	128	520	0.7	5
6650S 8275E	126	610	1.1	5
6650S 8300E	150	830	1.4	10
6650S 8325E	116	495	1.3	5
6650S 8350E	114	560	1.1	5
6650S 8375E	760	1050	2.4	5
6650S 8425E	140	580	1.2	5
6650S 8500E	75	265	0.8	10
6650S 8525E	47	230	1.2	5
6650S 8550E	42	235	1.2	5
6650S 8575E	68	300	1.3	5
6650S 8600E	72	290	0.9	5
6650S 8725E	180	1150	3.6	5
6650S 8750E	78	560	1.4	5
6650S 8775E	67	635	1.0	5
6650S 8800E	215	1420	1.9	5
6650S 8825E	1050	660	2.8	10
6650S 8850E	910	940	9.2	30
6650S 8875E	157	700	2.4	5
6650S 8900E	49	395	1.2	5
6700S 7950E	37	240	0.7	5
6700S 7975E	43	270	0.7	5

Certified by _____

MIN-EN LABORATORIES LTD.

MIN-EN LABORATORIES LTD.
Specialists in Mineral Environme
705 West 15th Street North Vancouver, B.C. Canada V7M ..2

PHONE: (604) 980-5814 OR (604) 988-4524 TELEX: VIA USA 7601067 UC

UC

Certificate of GEOCHEM

Company: J PAUL STEVENSON
Project: PC
Attention: J. PAUL STEVENSON

File: 7-1293/P4
Date: SEPT 19/87
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	PB PPM	ZN PPM	AG PPM	AU-WET PPB
6700S 8000E	36	152	0.5	5
6700S 8700E	66	560	2.0	10
6700S 8725E	130	790	1.1	30
6700S 8750E	43	250	1.9	5
6700S 8775E	50	225	1.2	5
6700S 8800E	87	215	1.2	10
6700S 8825E	66	260	1.5	5
6700S 8850E	127	650	2.9	15
6700S 8875E	170	240	1.2	5
6700S 8900E	78	460	0.9	10
6750S 7850E	83	695	1.0	5
6750S 7900E	50	1350	1.5	5
6750S 7925E	51	325	0.7	5
6750S 7950E	58	1370	1.4	10
6750S 7975E	126	560	0.9	5
6750S 8000E	114	1520	1.1	25
6750S 8025E	75	515	1.0	30
6750S 8050E	47	245	1.0	5
6750S 8075E	29	245	1.0	5
6750S 8100E	26	240	0.7	10
6750S 8125E	45	185	0.9	5
6750S 8150E	37	195	1.0	5
6750S 8175E	48	260	2.5	5
6750S 8200E	52	300	1.7	5
6750S 8225E	93	290	1.0	25
6750S 8250E	67	310	1.2	10
6750S 8275E	100	315	0.8	5
6750S 8300E	94	305	0.8	5
6750S 8325E	1320	1140	2.9	60
6750S 8350E	210	660	1.6	5

Certified by _____

MIN-EN LABORATORIES LTD.

MIN-EN LABORATORIES LTD.
Specialists in Mineral Environments
705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

TELEPHONE:(604)980-5814 OR (604)988-4524 TELEX:VIA USA 7601067 U

Certificate of GEOCHEM

Company:J PAUL STEVENSON
Project:PC
Attention:J. PAUL STEVENSON

File:7-1293/PS
Date:SEPT 19/87
Type:SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	PB PPM	ZN PPM	AG PPM	AU-WET PPB
6750S 8375E	132	300	1.1	15
6750S 8400E	64	590	1.1	35
6750S 8425E	47	205	1.2	10
6750S 8450E	97	1140	1.8	5
6750S 8475E	110	810	1.3	15
6750S 8500E	81	360	1.0	10
6750S 8525E	68	410	1.0	10
6750S 8550E	66	390	1.2	25
6750S 8575E	70	285	0.9	5
6750S 8600E	59	710	1.0	5
6750S 8625E	72	300	1.1	5
6750S 8650E	80	810	1.1	20
6800S 7875E	66	690	2.3	15
6800S 7950E	54	395	0.7	5
6800S 7975E	49	425	1.2	5
6800S 8000E	45	340	1.3	5
6800S 8025E	52	390	1.0	5
6800S 8050E	54	375	1.1	10
6800S 8075E	44	280	0.9	5
6800S 8100E	50	200	0.9	5
6800S 8125E	53	185	0.7	5
6800S 8150E	42	163	1.0	5
6800S 8175E	61	290	1.0	10
6800S 8200E	62	340	1.0	5
6800S 8225E	76	245	1.2	5
6800S 8250E	60	260	0.7	5
6800S 8275E	108	560	1.2	5
6800S 8300E	400	580	1.0	15
6800S 8325E	132	220	0.5	20
6800S 8350E	168	168	0.6	5

Certified by _____

MIN-EN LABORATORIES LTD.

MIN-E I LABORATORIES LTD.
Specialists in Mineral Environmen.
705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

P (604)980-5814 OR (604)988-4524 TELEX VIA USA 7601067 UC

Certificate of GEOCHEM

Company: J PAUL STEVENSON
Project: PC
Attention: J. PAUL STEVENSON

File: 7-1293/P6
Date: SEPT 19/87
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	PB PPM	ZN PPM	AG PPM	AU-WET PPB
6800S 8375E	325	860	1.0	40
6800S 8400E	79	375	0.6	5
6800S 8425E	74	660	0.9	10
6800S 8450E	66	690	0.8	50
6800S 8475E	61	590	1.0	5
6800S 8500E	96	610	0.8	5
6800S 8525E	93	560	1.2	5
6800S 8550E	106	500	0.7	10
6800S 8575E	68	440	0.6	5
6800S 8600E	80	530	1.4	15
6800S 8625E	81	550	1.5	5
6800S 8650E	83	740	1.0	10
6850S 7825E	100	1400	4.8	5
6850S 7850E	40	1360	1.0	5
6850S 7875E	41	810	1.4	5
6850S 7900E	52	1040	1.0	10
6850S 7925E	38	1335	1.4	5
6850S 7950E	60	480	0.8	5
6850S 7975E	72	850	0.8	5
6850S 8000E	71	405	1.1	10
6850S 8025E	68	290	0.7	5
6850S 8050E	42	285	0.5	5
6850S 8075E	34	173	0.6	5
6850S 8100E	31	190	0.5	5
6850S 8125E	38	325	1.2	5
6850S 8150E	49	300	0.9	5
6850S 8175E	60	210	1.0	10
6850S 8200E	72	215	1.4	5
6850S 8225E	156	440	0.8	5
6850S 8250E	124	380	0.6	5

Certified by _____

MIN-EN LABORATORIES LTD.

MIN-I J LABORATORIE' LTD.
Specialists in Mineral Environments
705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

P' (604)980-5814 OR (604)988-4524 TELEX:VIA USA 7601067 UC

Certificate of GEOCHEM

Company:J PAUL STEVENSON
Project:PC
Attention:J. PAUL STEVENSON

File:7-1293/P7
Date:SEPT 19/87
Type:SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	PB PPM	ZN PPM	AG PPM	AU-WET PPB
6850S 8300E	245	570	1.4	5
6850S 8325E	265	760	1.0	5
6850S 8350E	250	865	1.2	5
6850S 8375E	152	430	0.5	5
6850S 8400E	118	325	0.8	10
6850S 8425E	84	535	1.2	5
6850S 8450E	67	900	1.1	5
6850S 8475E	52	670	0.8	10
6850S 8500E	160	1000	2.8	15
6850S 8525E	171	1100	3.0	35
[illegible]S 8550E	63	395	0.7	5
[illegible]50S 8575E	58	450	0.8	5
6850S 8600E	61	420	0.6	5
6850S 8625E	140	910	1.3	25
6850S 8650E	73	500	1.6	10
6850S 8675E	54	585	1.2	5
6850S 8700E	56	580	1.1	5
6900S 7875E	50	590	1.0	5
6900S 7900E	72	1320	1.4	10
6900S 7925E	48	900	1.0	5
6900S 7950E	160	795	1.3	5
6900S 7975E	39	465	1.0	5
6900S 8000E	105	650	1.4	5
6900S 8025E	37	270	0.8	10
6900S 8050E	41	185	0.6	5
6900S 8075E	50	590	0.8	5
6900S 8100E	76	275	0.7	5
6900S 8125E	58	220	0.5	5
6900S 8150E	67	240	0.8	10
6900S 8175E	63	225	0.9	5

Certified by _____

MIN-EN LABORATORIES LTD.

MIN-[ ] LABORATORIE' LTD.
Specialists in Mineral Environmen..s
705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

UC] :(604)980-5814 OR (604)988-4524 TELEX:VIA USA 7601067 UC

Certificate of GEOCHEM

Company: J PAUL STEVENSON
Project: PC
Attention: J. PAUL STEVENSON

File: 7-1293/PB
Date: SEPT 19/87
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	PB PPM	ZN PPM	AG PPM	AU-WET PPB
6900S 8200E	76	275	1.1	5
6900S 8225E	62	430	1.4	5
6900S 8250E	90	370	1.3	10
6900S 8300E	152	580	1.3	5
6900S 8325E	135	460	1.4	5
6900S 8350E	174	325	1.5	15
6900S 8375E	240	435	1.7	5
6900S 8400E	180	640	1.0	5
6900S 8425E	79	480	0.8	5
6900S 8450E	84	225	0.8	5
OS 8475E	72	790	1.3	10
6900S 8500E	71	660	1.2	5
6900S 8525E	150	1100	3.2	5
6900S 8550E	168	710	0.9	5
6900S 8575E	127	475	0.9	250
6900S 8600E	117	610	0.7	5
6900S 8625E	210	1090	1.1	40
6900S 8650E	250	1120	1.7	5
6950S 7900E	30	1110	1.5	5
6950S 7925E	56	1220	2.0	5
6950S 7950E	93	780	1.4	5
6950S 7975E	48	785	1.4	5
6950S 8000E	47	610	1.3	5
6950S 8025E	115	870	1.2	10
6950S 8050E	38	235	1.5	5
6950S 8075E	39	255	1.1	5
6950S 8100E	37	480	1.3	5
6950S 8125E	59	610	1.5	5
6950S 8200E	48	295	1.1	10
6950S 8225E	74	400	2.8	15

Certified by _____

MIN-EN LABORATORIES LTD.

MIN-EN LABORATORIES LTD.
Specialists in Mineral Environments
705 West 15th Street North Vancouver, B.C. Canada V7M 1T2
PHONE:(604)980-5814 OR (604)988-4524 TELEX:VIA USA 7601067

Certificate of GEOCHEM

Company: J PAUL STEVENSON
Project: PC
Attention: J. PAUL STEVENSON

File: 7-1293/P9
Date: SEPT 19/87
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	PB PPM	ZN PPM	AG PPM	AU-WET PPB
6950S 8250E	210	600	1.7	5
6950S 8275E	185	680	1.3	10
6950S 8350E	215	525	0.8	5
6950S 8375E	210	570	2.6	20
6950S 8400E	154	520	10.3	35
6950S 8425E	68	260	1.4	5
6950S 8450E	61	345	1.1	5
6950S 8475E	137	1650	2.4	10
6950S 8500E	110	840	0.9	5
6950S 8525E	118	480	1.2	5
6950S 8575E	98	490	1.0	5
6950S 8600E	112	610	0.9	5
6950S 8625E	74	510	1.1	10
6950S 8700E	430	790	6.0	25
6950S 8725E	205	885	2.1	5
6950S 8750E	60	295	1.0	5
6950S 8775E	690	900	2.1	10
6950S 8800E	350	255	3.4	5
6950S 8825E	71	530	1.1	5
6950S 8850E	59	460	1.7	10
6950S 8875E	78	300	1.6	5
6950S 8900E	60	330	1.1	5
7000S 7800E	59	1230	1.2	5
7000S 7850E	54	1150	1.4	5
7000S 7875E	46	670	2.1	5
7000S 7925E	58	1500	1.6	10
7000S 7950E	31	158	0.5	5
7000S 7975E	36	350	1.1	5
7000S 8000E	38	350	0.9	5
7050S 7850E	39	1310	1.9	5

Certified by _____

MIN-EN LABORATORIES LTD.

MIN-EN LABORATORIES LTD.
Specialists in Mineral Environme
705 West 15th Street North Vancouver, B.C. Canada V7M

PHONE:(604)980-5814 OR (604)988-4524 TELEX:VIA USA 7601067 UC

Certificate of GEOCHEM

Company:J PAUL STEVENSON
Project:PC
Attention:J. PAUL STEVENSON

File:7-1293/P10
Date:SEPT 19/87
Type:SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	PB PPM	ZN PPM	AG PPM	AU-WET PPB
7050S 7875E	116	990	2.1	5
7050S 7900E	47	760	1.2	10
7050S 7925E	39	3100	1.0	10
7050S 7950E	133	4000	2.0	5
7050S 7975E	NO SAMPLE			
7050S 8000E	28	350	1.0	5
7100S 7800E	34	1210	2.2	15
7100S 7825E	38	735	1.4	10
7100S 7850E	41	1400	1.8	5
7100S 7875E	42	1380	1.6	5
7100S 7900E	42	1750	1.3	10
7100S 7925E	48	1390	1.2	5
7100S 7950E	NO SAMPLE			
7100S 7975E	37	620	1.5	5
7100S 8000E	38	158	1.6	5
7050S 8575E	43	158	1.0	10

Certified by _____

MIN-EN LABORATORIES LTD.

Specialists in Mineral Environments
705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

PHONE: (604)980-5814 OR (604)988-4524 TELEX: VIA USA 76

Certificate of GEOCHEM

Company: J PAUL STEVENSON
Project: P.C.
Attention: PAUL STEVENSON

File: 7-1058/P1
Date: AUGUST 2
Type: SOIL GEOC

We hereby certify the following results for samples submitted.

Sample Number	PB PPM	ZN PPM	AG PPM	AU-WET PPB
PC 70+00S-80+25E	30	290	0.7	5
PC 70+00S-80+50E	42	320	0.5	5
PC 70+00S-80+75E	26	210	1.2	10
PC 70+00S-81+00E	64	1660	2.5	5
PC 70+00S-81+25E	45	430	0.6	5
PC 70+00S-81+50E	30	740	1.0	5
PC 70+00S-81+75E	96	440	2.1	5
PC 70+00S-82+00E	63	500	1.4	5
PC 70+00S-82+25E	220	4500	0.9	10
PC 70+00S-82+50E	134	2600	0.8	5
PC 70+00S-82+75E	66	360	1.0	10
PC 70+00S-83+00E	46	400	1.5	5
PC 70+00S-83+25E	128	670	3.2	5
PC 70+00S-83+50E	300	1180	1.7	10
PC 70+00S-83+75E	220	410	1.3	20
PC 70+00S-84+00E	200	320	1.8	10
PC 70+00S-84+25E	43	184	1.4	10
PC 70+00S-84+50E	30	174	0.9	35
PC 70+00S-84+75E	16	110	1.0	25
PC 70+00S-85+00E	35	146	0.7	10
PC 70+00S-85+25E	25	114	0.8	30
PC 70+00S-85+50E	87	110	0.7	15
PC 70+00S-85+75E	24	139	1.2	10
PC 70+00S-86+00E	31	300	1.1	15
PC 70+00S-86+25E	34	183	1.4	10
PC 70+00S-86+50E	42	185	1.3	5
PC 70+00S-86+75E	51	400	1.4	10
PC 70+00S-87+00E	66	540	1.0	325
PC 70+00S-87+25E	64	400	1.1	15
PC 70+00S-87+50E	82	440	0.7	10

Certified by _____

MIN-EN LABORATORIES LTD.

MIN-EN LABORATORIES LTD.
Specialists in Mineral Environments
705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

USA 76

E:(604)980-5814 OR (604)988-4524 TELEX:VIA USA 7601067 UC

Certificate of GEOCHEM

Company: J PAUL STEVENSON
Project: P.C.
Attention: PAUL STEVENSON

File: 7-1050/P2
Date: AUGUST 22/87
Type: SOIL GEOCHEM

hereby certify the following results for samples submitted.

Sample Number	PB PPM	ZN PPM	AG PPM	AU-WET PPB
70+00S-87+75E	76	340	0.7	10
70+00S-88+00E	60	390	0.7	10
70+00S-88+25E	64	162	0.5	15
70+00S-88+50E	66	360	0.9	15
70+00S-88+75E	104	510	1.3	5
70+00S-89+00E	300	590	39.0	5
70+50S-87+00E	64	190	1.8	5
70+50S-87+25E	54	175	1.1	5
70+50S-87+50E	59	170	1.0	5
70+50S-87+75E	118	520	1.2	15
70+50S-88+00E	79	480	1.2	5
70+50S-88+25E	63	430	0.8	5
70+50S-88+50E	36	98	0.7	5
70+50S-88+75E	71	320	1.2	5
70+50S-89+00E	290	410	1.5	10
72+00S-80+25E	37	750	1.4	5
72+00S-80+50E	52	260	1.6	5
72+00S-80+75E	NO SAMPLE			
72+00S-81+00E	46	690	2.2	15
72+00S-81+25E	45	750	1.0	10
72+00S-81+50E	51	570	1.1	5
72+00S-81+75E	42	460	1.3	15
72+00S-82+00E	55	310	2.7	5
72+00S-82+25E	137	400	14.5	5
72+00S-82+50E	186	320	14.0	160
72+00S-82+75E	126	109	2.3	25
72+00S-83+00E	143	300	4.5	10
72+00S-83+25E	147	250	2.1	5
72+00S-83+50E	125	370	2.6	5
72+00S-83+75E	107	260	2.5	15

Certified by _____

MIN-EN LABORATORIES LTD.

MIN-EN LABORATORIES LTD.
Specialists in Mineral Environments
705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

PHONE: (604)980-5814 OR (604)938-4524 TELEX: VIA USA 7601067

Certificate of GEOCHEM

Company: J PAUL STEVENSON
Project: P.C.
Attention: PAUL STEVENSON

File: 7-1058/P3
Date: AUGUST 22/8
Type: SOIL GEOCHE

We hereby certify the following results for samples submitted.

Sample Number	PB PPM	ZN PPM	AG PPM	AU-WET PPB
PC 72+00S-84+00E	98	220	2.7	10
PC 72+00S-84+25E	136	220	2.8	5
PC 72+00S-84+50E	107	200	1.3	5
PC 72+00S-84+75E	81	230	1.9	5
PC 72+00S-85+00E	67	280	1.4	10
PC 72+00S-85+25E	77	340	1.2	5
PC 72+00S-85+50E	52	110	0.8	5
PC 72+00S-85+75E	72	400	1.0	10
PC 72+00S-86+00E	53	240	0.7	5
PC 72+00S-86+25E	69	240	1.1	5
PC 72+00S-86+50E	53	220	1.1	5
PC 72+00S-86+75E	54	240	0.9	5
PC 72+00S-87+00E	66	310	1.0	10
PC 72+50S-79+25E	30	930	2.1	15
PC 72+50S-79+50E	53	320	1.3	10
PC 72+50S-79+75E	21	690	1.4	20
PC 72+50S-80+00E	118	1000	2.3	5
PC 72+50S-80+25E	43	460	1.2	5
PC 72+50S-80+50E	31	1140	1.3	5
PC 72+50S-80+75E	53	1210	1.2	10
PC 72+50S-81+00E	111	1220	1.6	5
PC 72+50S-81+25E	63	650	0.9	5
PC 72+50S-81+50E	38	440	1.0	10
PC 72+50S-81+75E	74	520	1.4	5
PC 72+50S-82+00E	73	490	0.9	5
PC 72+50S-82+25E	162	340	2.6	10
PC 72+50S-82+50E	153	370	0.9	5
PC 72+50S-82+75E	75	320	0.6	5
PC 72+50S-83+00E	56	420	1.0	5
PC 72+50S-83+25E	69	370	1.4	10

Certified by _____

MIN-EN LABORATORIES LTD.

MIN-EN LABORATORIES LTD.
Specialists in Mineral Environments
705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

PHONE:(604)980-5814 OR (604)988-4524 TELEX:VIA USA 7601067 UC

Certificate of GEOCHEM

Company: J PAUL STEVENSON
Project: P.C.
Attention: PAUL STEVENSON

File: 7-1050/P4
Date: AUGUST 22/1987
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	PB PPM	ZN PPM	AG PPM	AU-WET PPB
72+50S-83+50E	230	570	2.3	10
72+50S-83+75E	79	95	0.9	5
72+50S-84+00E	55	185	1.9	5
72+50S-84+25E	73	192	6.4	115
72+50S-84+50E	68	210	1.5	15
72+50S-84+75E	80	380	1.3	15
72+50S-85+00E	67	500	0.4	10
72+50S-85+25E	108	770	1.7	265
72+50S-85+50E	148	1100	1.4	40
72+50S-85+75E	49	140	0.8	5
72+50S-86+00E	60	310	1.5	5
72+50S-86+25E	59	280	1.1	5
72+50S-86+50E	64	176	0.7	15
72+50S-86+75E	52	131	0.6	10
72+50S-87+00E	39	143	0.9	15
72+50S-87+25E	42	230	2.2	10
72+50S-87+50E	59	250	1.7	15
72+50S-87+75E	55	220	1.0	25
72+50S-88+00E	54	230	0.6	15
72+50S-88+25E	66	200	0.9	10
72+50S-88+50E		NO SAMPLE		
72+50S-88+75E	54	186	0.5	5
72+50S-89+00E	50	310	1.0	20
73+00S-79+00E	61	1020	1.3	10
73+00S-79+25E	34	870	1.2	10
73+00S-79+50E	22	300	1.9	10
73+00S-79+75E	20	380	2.2	5
73+00S-80+00E	45	1100	5.6	15
73+00S-80+25E	43	600	1.3	10
73+00S-80+50E	49	720	1.4	10

Certified by _____

MIN-EN LABORATORIES LTD.

Specialists in Mineral Environments
795 West 15th Street North Vancouver, B.C. Canada V7M 1T2

PHONE: (604) 980-5814 OR (604) 980-4521 TELEX: VIA USA 7601067

Certificate of GEOCHEM

Company: J PAUL STEVENSON
Project: P.C.
Attention: PAUL STEVENSON

File: 7-1050/PS
Date: AUGUST 24/8
Type: SOIL GEOCHE

We hereby certify the following results for samples submitted.

Sample Number	PB PPM	ZN PPM	AG PPM	AU-WET PPB
PC 73+00S-80+75E	74	890	4.2	5
PC 73+00S-81+00E	38	295	1.2	5
PC 73+00S-81+25E	39	345	0.8	10
PC 73+00S-81+50E	75	510	1.0	5
PC 73+00S-81+75E	90	350	0.9	5
PC 73+00S-82+00E	69	160	0.9	10
PC 73+00S-82+25E	49	235	0.3	5
PC 73+00S-82+50E	91	470	0.7	5
PC 73+00S-82+75E	63	140	0.4	10
PC 73+00S-83+00E	67	330	1.0	5
PC 73+00S-83+25E	71	220	1.1	5
PC 73+00S-83+50E	49	240	0.8	5
PC 73+00S-83+75E	180	500	1.6	20
PC 73+00S-84+00E	72	190	1.7	30
PC 73+00S-84+25E	54	235	0.5	15
PC 73+00S-84+50E	91	170	0.8	5
PC 73+00S-84+75E	114	260	1.0	10
PC 73+00S-85+00E	460	190	2.2	30
PC 73+00S-85+25E	470	3500	3.1	10
PC 73+00S-85+50E	139	510	2.3	10
PC 73+00S-85+75E	120	345	1.4	5
PC 73+00S-86+00E	78	220	1.2	5
PC 73+00S-86+25E	70	495	2.5	5
PC 73+00S-86+50E	64	260	3.4	10
PC 73+00S-86+75E	57	130	2.4	5
PC 73+00S-87+00E	90	160	1.7	5
PC 73+00S-87+25E	38	100	1.6	5
PC 73+00S-87+50E	47	210	1.4	10
PC 73+00S-87+75E	106	190	1.1	5
PC 73+00S-88+00E	37	140	1.0	5

Certified by _____

MIN-EN LABORATORIES LTD.

[illegible] LABORATORIES LTD.
Specialists in Mineral Environments
705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

7601067
PHONE: (604)980-5814 OR (604)938-1524 TELEX: VIA USA 7601067 UC

Certificate of GEOCHEM

5
Company: J PAUL STEVENSON
Project: P.C.
Location: PAUL STEVENSON

File: 7-1058/P6
Date: AUGUST 24/87
Type: SOIL GEOCHEM

I hereby certify the following results for samples submitted.

Sample Number	PB PPM	ZN PPM	AG PPM	AU-WET PPB
73+00S-68+25E	30	90	1.5	5
73+00S-68+50E	194	330	2.0	5
73+00S-68+75E	115	340	1.5	10
73+00S-69+00E	108	330	2.2	5
73+00S-78+00E	35	1360	1.9	5
73+50S-78+25E	63	990	2.2	10
73+50S-78+50E	66	670	3.0	5
73+50S-78+75E	NO SAMPLE			
73+50S-79+00E	NO SAMPLE			
73+50S-79+25E	NO SAMPLE			
73+50S-79+50E	19	780	2.8	5
73+50S-79+75E	37	940	1.7	15
73+50S-80+00E	24	475	1.5	5
73+50S-80+25E	23	410	1.6	5
73+50S-80+50E	32	490	2.1	5
73+50S-80+75E	51	410	1.0	5
73+50S-81+00E	51	320	1.4	10
73+50S-81+25E	50	280	1.9	5
73+50S-81+50E	107	430	1.8	5
73+50S-81+75E	NO SAMPLE			
73+50S-82+00E	43	290	0.8	5
73+50S-82+25E	49	270	1.4	10
73+50S-82+50E	60	360	1.2	5
73+50S-82+75E	33	160	1.0	5
73+50S-83+00E	43	170	0.6	10
73+50S-83+25E	57	270	0.8	5
73+50S-83+50E	46	350	1.1	15
73+50S-83+75E	220	740	2.5	5
73+50S-84+00E	83	490	1.4	5
73+50S-84+25E	60	270	2.0	10

Certified by [signature]

[illegible] LABORATORIES LTD.

MIN-EN LABORATORIES LTD.
Specialists in Mineral Environments
705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

PHONE: (604)980-5814 OR (604)988-4524 TELEX VIA USA 7601

Certificate of GEOCHEM

Company: J PAUL STEVENSON
Project: P.C.
Attention: PAUL STEVENSON

File: 7-1058/P7
Date: AUGUST 24/8
Type: SOIL GEOCHE

We hereby certify the following results for samples submitted.

Sample Number	PB PPM	ZN PPM	AG PPM	AU-WET PPB
PC 73+50S-84+50E	62	130	2.0	5
PC 73+50S-84+75E	43	410	0.6	5
PC 73+50S-85+00E	87	370	2.4	5
PC 73+50S-85+25E	440	2700	2.2	50
PC 73+50S-85+50E	81	250	1.4	45
PC 74+00S-78+75E	37	470	1.0	5
PC 74+00S-79+00E	20	300	3.7	10
PC 74+00S-79+25E	45	390	1.5	5
PC 74+00S-79+50E	34	1680	1.4	30
PC 74+00S-79+75E	30	360	1.0	10
PC 74+00S-80+00E	35	230	1.0	5
PC 74+00S-80+25E	46	260	0.9	70
PC 74+00S-80+50E	26	200	0.5	10
PC 74+00S-80+75E	28	120	0.7	5
PC 74+00S-81+00E	200	110	0.9	65
PC 74+00S-81+25E	60	725	0.8	10
PC 74+00S-81+50E	186	620	0.9	5
PC 74+00S-81+75E	112	410	1.0	15
PC 74+00S-82+00E	91	260	0.6	5
PC 74+00S-82+25E	129	265	1.5	5
PC 74+00S-82+50E	57	320	0.6	5
PC 74+00S-82+75E	190	790	0.9	5
PC 74+00S-83+00E	102	160	1.0	5
PC 74+00S-83+25E	70	390	0.9	10
PC 74+00S-83+50E	1860	660	2.1	5
PC 74+00S-83+75E	59	370	0.7	30
PC 74+00S-84+00E	61	160	1.4	5
PC 74+00S-84+25E	47	170	0.9	10
PC 74+00S-84+50E	74	230	1.0	5
PC 74+00S-84+75E	55	150	1.4	5

Certified by _____

MIN-EN LABORATORIES LTD.

MIN-EN LABORATORIES LTD.
Specialists in Mineral Environments
705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

NE:(604)980-5814 OR (604)988-4524 TELEX:VIA USA 7601067 UC

Certificate of GEOCHEM

mpany:J PAUL STEVENSON
oject:P.C.
tention:PAUL STEVENSON

File:7-1058/PO
Date:AUGUST 24/87
Type:SOIL GEOCHEM

hereby certify the following results for samples submitted.

mple mber	PB PPM	ZN PPM	AG PPM	AU-WET PPB
74+00S-85+00E	78	510	1.1	5
74+00S-85+25E	103	1800	1.9	5
74+00S-85+50E	96	360	1.2	10
74+50S-78+00E	99	590	1.9	5
74+50S-78+25E	48	335	1.0	5
74+50S-78+50E	47	630	1.5	10
74+50S-78+75E	51	860	1.2	5
74+50S-79+00E	50	1450	1.2	5
74+50S-79+25E	73	575	1.6	5
74+50S-79+50E	91	830	3.9	10
74+50S-79+75E	43	470	0.8	5
74+50S-80+75E	44	305	0.8	10
74+50S-81+00E	68	585	1.0	15
74+50S-81+25E	57	400	0.6	5
74+50S-81+50E	47	275	0.5	5
74+50S-81+75E	54	760	0.4	10
74+50S-82+00E	63	730	1.2	5
74+50S-82+25E	90	500	0.5	5
74+50S-82+50E	122	570	1.0	10
74+50S-82+75E	97	250	0.3	5
74+50S-83+00E	71	335	1.0	15
74+50S-83+25E	110	780	0.8	10
74+50S-83+50E	NO SAMPLE			
74+50S-83+75E	62	755	1.1	10
74+50S-84+00E	64	190	0.4	5
74+50S-84+25E	NO SAMPLE			
74+50S-84+50E	32	143	0.4	5
74+50S-84+75E	51	96	1.3	5
74+50S-85+00E	93	315	0.5	5
74+50S-85+25E	40	600	0.8	5

Certified by _____

MIN-EN LABORATORIES LTD.

PLIN-LIN LABORATORIES LTD.
Specialists in Mineral Environments
705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

PHONE: (604)980-5814 OR (604)938-4524 TELEX: VIA USA 7601067

Certificate of GEOCHEM

Company: J PAUL STEVENSON
Project: P.C.
Attention: PAUL STEVENSON

File: 7-1058/P9
Date: AUGUST 24/8
Type: SOIL GEOCHE

We hereby certify the following results for samples submitted.

Sample Number	PB PPM	ZN PPM	AG PPM	AU-WET PPB
PC 74+50S-65+50E	132	2050	10.1	5
PC 75+00S-79+00E	36	525	2.0	5
PC 75+00S-79+25E	31	590	2.2	5
PC 75+00S-79+50E	40	740	1.2	5
PC 75+00S-79+75E	34	395	1.5	5
PC 75+00S-80+00E	38	405	0.4	5
PC 75+00S-80+25E	39	250	1.0	5
PC 75+00S-80+50E	46	400	1.2	10
PC 75+00S-80+75E	41	680	3.0	5
PC 75+00S-81+00E	156	690	1.9	5
PC 75+00S-81+25E	50	315	1.4	5
PC 75+00S-81+50E	62	335	1.5	10
PC 75+00S-81+75E	88	390	1.6	5
PC 75+00S-82+00E	109	520	1.8	5
PC 65+00S-80+25E	47	360	1.2	5
PC 65+00S-80+75E	78	265	1.4	5

Certified by,

PLIN-LIN LABORATORIES LTD.

MIN-EN LABORATORIES LTD.
Specialists in Mineral Environments
705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

PHONE: (604)980-5814 OR (604)988-4524 TELEX: VIA USA 7601067 UC

Certificate of GEOCHEM

Company: J.P. STEVENSON
Project: P.C.
Attention: PAUL STEVENSON

File: 7-1147/P1
Date: SEPT 3/87
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	PB PPM	ZN PPM	AG PPM	AU-WET PPB
65+00S-81+00E	32	340	1.8	5
65+00S-81+25E	50	440	1.0	10
65+00S-81+50E	52	630	2.4	10
65+00S-81+75E	48	640	1.0	5
65+00S-82+00E	175	510	2.3	5
65+00S-82+25E	68	360	1.1	10
65+00S-82+50E	64	370	1.2	5
65+00S-82+75E	65	310	1.9	5
65+00S-83+00E	63	410	0.8	5
65+00S-83+25E	81	1640	1.3	10
65+00S-83+50E	82	540	1.1	5
65+00S-83+75E	78	560	1.3	5
65+00S-84+00E	77	340	1.2	50
65+00S-84+25E	50	290	1.5	5
65+00S-84+50E	51	240	1.0	5
65+00S-84+75E	34	200	1.1	10
65+00S-85+00E	62	120	0.8	5
65+00S-85+25E	79	170	1.9	5
65+00S-85+50E	76	310	1.9	5
65+00S-86+25E	72	590	3.0	5
65+00S-86+50E	58	380	1.5	10
65+00S-86+75E	160	730	2.7	5
65+00S-87+00E	152	1480	2.0	5
70+50S-80+25E	26	440	0.6	5
70+50S-80+50E	52	610	1.4	10
70+50S-80+75E	24	380	0.7	5
70+50S-81+00E	35	220	0.8	5
70+50S-81+25E	36	220	1.0	5
70+50S-81+50E	58	390	1.7	5
70+50S-81+75E	51	720	1.7	10

Certified by ....

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Attention:PAUL STEVENSON

File:7-1147/P2
Date:SEPT 3/87
Type:SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	PB PPM	ZN PPM	AG PPM	AU-WET PPB
PC 70+50S-82+00E	67	1020	2.3	5
PC 70+50S-82+25E	95	590	1.2	5
PC 70+50S-82+50E	310	1030	1.5	10
PC 70+50S-82+75E	17500	4900	22.0	490
PC 70+50S-83+00E	121	330	1.8	5
PC 70+50S-83+25E	120	290	2.7	5
PC 70+50S-83+50E	50	290	1.8	10
PC 70+50S-83+75E	290	570	1.7	10
PC 70+50S-84+00E	174	620	2.0	5
PC 70+50S-84+25E	57	240	1.5	5
PC 70+50S-84+50E	53	180	1.3	5
PC 70+50S-84+75E	61	170	0.5	10
PC 70+50S-85+00E	66	130	1.1	5
PC 70+50S-85+25E	136	120	1.2	5
PC 70+50S-85+50E	66	100	1.0	5
PC 70+50S-86+00E	64	190	1.4	10
PC 70+50S-86+25E	90	250	1.8	5
PC 70+50S-86+50E	47	160	0.6	5
PC 70+50S-86+75E	48	240	1.0	5
PC 70+50S-87+00E	124	330	0.8	5
PC 70+50S-87+25E	78	390	0.6	5
PC 70+50S-87+50E	94	370	1.1	10
PC 70+50S-87+75E	240	1000	0.4	5
PC 70+50S-88+00E	162	1390	2.7	5
PC 70+50S-88+25E	59	360	1.1	5
PC 70+50S-88+50E	53	250	1.4	15
PC 70+50S-88+75E	55	290	0.7	5
PC 70+50S-89+00E	51	270	0.4	10
PC 71+00S-80+25E	32	260	1.6	5
PC 71+00S-80+50E	41	320	0.5	5

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Certificate of GEOCHEM

Company: J.P. STEVENSON
Project: P.C.
Attention: PAUL STEVENSON

File: 7-1147/P3
Date: SEPT 2/87
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	PB PPM	ZN PPM	AG PPM	AU-WET PPB
71+00S-80+75E	42	350	1.2	5
71+00S-81+00E	32	240	1.1	5
71+00S-81+25E	45	640	1.8	5
71+00S-81+50E	65	950	1.5	5
71+00S-81+75E	70	590	0.7	5
71+00S-82+00E	96	280	1.3	5
71+00S-82+25E	165	440	1.4	5
71+00S-82+50E	100	440	1.2	10
71+00S-82+75E	124	360	3.8	5
71+00S-83+00E	500	390	5.5	5
71+00S-83+25E	120	300	2.6	5
71+00S-83+50E	85	530	2.1	5
71+00S-83+75E	240	560	1.4	15
71+00S-84+00E	9000	1680	23.0	10
71+00S-84+25E	90	250	1.3	5
71+00S-84+50E	70	190	1.2	10
71+00S-84+75E	52	160	1.2	5
71+00S-85+00E	84	200	1.1	5
71+00S-85+25E	75	190	1.3	5
71+00S-85+50E	72	170	1.4	5
71+00S-85+75E	73	190	2.1	5
71+00S-86+00E	81	370	1.6	15
71+00S-86+25E	70	220	1.0	15
71+00S-86+50E	61	250	1.9	10
71+00S-86+75E	91	280	1.7	5
71+00S-87+00E	62	220	1.4	5
71+00S-87+25E	104	300	2.5	10
71+00S-87+50E	115	350	1.7	5
71+00S-87+75E	51	330	1.7	5
71+00S-88+00E	66	430	1.2	5

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Certificate of GEOCHEM

Company: J.P. STEVENSON
Project: P.C.
Attention: PAUL STEVENSON

File: 7-1147/P4
Date: SEPT 3/87
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	PB PPM	ZN PPM	AG PPM	AU-WET PPB
P4 71+00S-80+25W	51	270	1.2	5
P4 71+00S-88+50E	105	320	0.9	20
P4 71+00S-83+75E	43	230	2.0	5
P4 71+00S-85+00E	45	210	2.2	5
P4 71+50S-78+00E	64	360	2.9	5
P4 71+50S-78+25E	50	560	1.4	5
P4 71+50S-78+50E	40	1460	1.0	5
P4 71+50S-78+75E	42	1980	1.8	5
P4 71+50S-79+00E	36	700	1.3	5
P4 71+50S-79+25E	64	1100	1.8	10
P4 71+50S-79+50E	34	780	2.1	5
P4 71+50S-79+75E	42	480	1.7	5
P4 71+50S-80+00E	46	500	2.4	5
P4 71+50S-80+25E	30	830	1.7	10
P4 71+50S-80+50E	50	400	1.9	5
P4 71+50S-80+75E	18	290	1.4	5
P4 71+50S-81+00E	53	340	0.7	5
P4 71+50S-81+25E	24	190	1.1	10
P4 71+50S-81+50E	36	420	1.1	5
P4 71+50S-81+75E	81	430	1.9	10
P4 71+50S-82+00E	46	470	1.7	5
P4 71+50S-82+25E	108	270	1.6	5
P4 71+50S-82+50E	58	240	2.7	5
P4 71+50S-82+75E	78	150	1.4	5
P4 71+50S-83+00E	152	950	7.8	10
P4 71+50S-83+25E	102	360	1.3	5
P4 71+50S-83+50E	72	270	1.2	10
P4 71+50S-83+75E	124	360	1.0	10
P4 71+50S-84+00E	118	960	1.1	5
P4 71+50S-84+25E	800	570	4.6	40

Certified by .....

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Certificate of GEOCHEM

Company: J.P. STEVENSON
Project: P.C.
Attention: PAUL STEVENSON

File: 7-1147/PG
Date: SEPT 4/87
Type: SOIL GEOCHEM

I hereby certify the following results for samples submitted.

Sample Number	Pb PPM	Zn PPM	Ag PPM	Au-Wet PPB
71+50S-84+50E	65	220	1.4	5
71+50S-84+75E	57	180	2.5	130
71+50S-85+00E	66	180	1.2	10
71+50S-85+25E	67	240	1.5	5
71+50S-85+50E	93	240	0.9	45
71+50S-85+75E	51	160	1.0	5
71+50S-86+00E	88	460	1.1	5
71+50S-86+25E	48	390	3.6	5
71+50S-86+50E	46	210	1.0	5
71+50S-86+75E	61	190	1.1	10
71+50S-87+00E	68	220	1.7	10
71+50S-87+25E	61	310	1.6	15
71+50S-87+50E	128	380	1.8	5
71+50S-87+75E	67	600	1.6	5
71+50S-88+00E	68	410	1.5	5
71+50S-88+25E	41	180	1.6	5
71+50S-88+50E	40	220	1.2	5
71+50S-88+75E	41	290	1.6	10
71+50S-89+00E	67	270	1.0	5
72+00S-78+00E	33	570	2.6	5
72+00S-78+25E	53	1300	1.7	10
72+00S-78+50E	41	1080	1.8	5
72+00S-78+75E	40	1100	2.1	5
72+00S-79+00E	95	2650	1.9	5
72+00S-79+25E	89	1080	2.3	5
72+00S-79+50E	50	3750	6.1	10
72+00S-79+75E	30	1290	1.6	5
72+00S-80+00E	83	680	1.0	5
72+00S-87+25E	47	330	1.4	5
72+00S-87+50E	60	340	1.5	25

Certified by: _____

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Certificate of GEOCHEM

Company: J.P. STEVENSON
Project: P.C.
Attention: PAUL STEVENSON

File: 7-1147/P6
Date: SEPT 4/87
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	PB PPM	ZN PPM	AG PPM	AU-WET PPB
PC 72+00S-82+75E	45	230	1.2	5
PC 72+00S-82+00E	28	260	1.4	5
PC 72+00S-80+25E	43	720	1.0	10
PC 72+00S-80+50E	37	300	0.9	5
PC 72+00S-80+75E	34	490	0.9	5
PC 72+00S-89+00E	62	460	1.4	5

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MIN-EN LABORATORIES LTD.

V.L.F. E.M. RESULTS

FOR

THE PORCUPINE CLAIM GROUP

October 5, 1987
Revised: June 20, 1988

LINE 6600S 8000E - 8750E

STATION	FIELD	STRENGTH	DIP	QUADERATURE	FRASER FILTER		
6600S	8000E	85	+18		+26		
	8000E	93	+ 8		+16	+ 9	
	8000E	83	+ 8	12	+17	+ 2	
	8000E	83	+ 9	13	14	+ 4	
	8100E	80	+ 5		+13	- 4	
	8100E	70	+ 8			+18	-13
	8100E	65	+10			+26	-12
	8100E	60	+16		+30	- 8	
	8200E	55	+14			+34	-13
	8200E	54	+20			+43	-15
	8200E	55	+23	12	+49	- 3	
	8200E	64	+26	12	+46	+ 3	
	8300E	70	+20		+46	+ 6	
	8300E	70	+26	18		+40	+24
	8300E	92	+14			+22	+24
	8300E	76	+ 8			+16	-10
	8400E	78	+ 8			+32	-25
	8400E	64	+24		+41	- 1	
	8400E	62	+17		+33	+ 2	
	8400E	55	+16			+39	-15
	8500E	61	+23			+48	-13
	8500E	58	+25		52	- 9	
	8500E	58	+27		+57	- 6	
	8500E	68	+30		+58	- 6	
	8600E	57	+28		+63	+ 6	
	8600E	61	+35	18		+52	+38
	8600E	90	+17			+25	+33
	8600E	87	+ 8	12	+19	+ 6	
	8700E	77	+11	17	+19	+ 1	
	8700E	77	+ 8	12	+18		
	8700E	73	+10	11			

LINE 6700S 8600E - 7950E

STATION	FIELD	STRENGTH	DIP	QUADERATURE	FRASER FILTER		
6700S	8600E	58	32		65		
	8600E	57	+33		63	- 9	
	8600E	58	+30		56		-12
	8600E	62	26		51	- 7	
	8500E	60	25		49	- 3	
	8500E	65	24		48	- 5	
	8500E	62	24		44		-10
	8425E	60	20		38	- 8	
	8425E	66	18		36	- 2	
	8425E	66	18		36	- 0	
	8425E	68	18		36		-10
	8325E	61	18		26	- 5	
	8300E	77	+ 8		31	+15	
	8300E	78	23		41		+23
	8300E	63	28		54	+ 8	
	8300E	58	26		49		-11
	8200E	55	23		43		-12
	8200E	58	20		37		-10
	8200E	64	17		33		-10
	8200E	70	16		27		-11
	8100E	64	11		22	- 2	
	8100E	72	11		25	+ 5	
	8100E	84	14	16	27	+ 6	
	8100E	76	13	17	31		+11
	8000E	86	18	17	38	+ 8	
	8000E	82	20		39		
	7950E	72	19				

LINE 7500S 7925E - 8200E

STATION	FIELD	STRENGTH	DIP	QUADERATURE	FRASER FILTER		
7500S	7925E	>100	+24		+48		
	7950E	>100	+24		+23		49
	7975E	>100	- 1	12	- 1	20	
	8000E	>100	0	15	+ 3	- 7	
	8025E	>100	+ 3	17	+ 6	- 6	
	8050E	>100	+ 3	17	+ 9	- 6	
	8075E	90	+ 6	18		+12	-13
	8100E	86	+ 6	18		+19	-13
	8125E	89	+13	16	+25	- 8	
	8150E	87	+12	15	+27	- 3	
	8175E	87	+15	16	+28		
	8200E	95	+13	13			
	8225E						

LINE 7450S 7800E - 8550E

STATION	FIELD	STRENGTH	DIP	QUADERATURE	FRASER FILTER	
7450S	7800E	90	+23		48	4
	7825E	>100	+25	13	48	5
	7825E	>100	+23	21	52	12
	7825E	>100	+29		53	46
	7900E	>100	+24		40	57
	7900E	>100	+16	18	7	20
	7900E	>100	- 9		17	16
	7900E	>100	- 8		13	18
	8000E	>100	- 5	11	1	6
	8000E	>100	+ 4	10	5	3
	8000E	>100	+ 1	12	5	6
	8000E	>100	+ 4	18	8	11
	8100E	>100	+ 4	19	11	19
	8100E	>100	+ 7	19	19	19
	8100E	100	+12	18	30	10
	8100E	95	+18	13	38	1
	8200E	95	+20	10	40	4
	8200E	98	+20		39	4
	8200E	97	+19		36	0
	8200E	100	+17		35	1
	8300E	>100	+18		36	1
	8300E	>100	+18		36	2
	8300E	>100	+18		37	6
	8300E	>100	+19		34	4
	8400E	>100	+15		31	8
	8400E	100	+16		30	13
	8400E	100	+14		23	8
	8400E	100	+ 9		17	4
	8500E	100	+ 8		15	32
	8500E	100	+ 7		13	
	8550E	100	+ 6			