

83-#219

#11176

6

GEOCHEMICAL REPORT
ON
HENRIETTA, MARGARET AND PAT
GROUP OF MINERAL CLAIMS
DONALDSON CREEK AREA, BANKS ISLAND
SKEENA MINING DIVISION, B.C.

N.T.S. 103/8^GE
NORTH LATITUDE 53° 28' 27"
WEST LONGITUDE 130° 03' 05"

FOR
ZERON RESOURCES LTD.
812-409 Granville Street
Vancouver, B.C.

BY
G.C. SINGHAI, M.Tech., P. Eng.

August 26, 1982

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

11,176

I N D E X

<u>CONTENTS</u>	<u>PAGE</u>
SUMMARY.....	(i)
INTRODUCTION.....	1
PROPERTY AND OWNERSHIP.....	1
LOCATION AND ACCESSIBILITY.....	2
TOPOGRAPHY, VEGETATION AND CLIMATE.....	2
PROGRAM.....	3
HISTORY AND PREVIOUS WORK.....	3
GEOLOGY.....	5
MINERALIZATION.....	5
SAMPLING.....	6
GEOCHEMICAL SURVEY.....	8
GEOCHEMICAL PROFILE.....	8
SOIL SAMPLING TECHNIQUE.....	8
CONCLUSIONS.....	9
RECOMMENDATIONS.....	10
COST ESTIMATE.....	12
CERTIFICATION.....	13
BIBLIOGRAPHY.....	14
APPENDIX I. Certificate of Assay for Channel Samples and Soil Samples.	

MAPS

1. Location Map.
2. Claim Map.
3. Regional Geological Map.
4. Geochemical Survey Map with Locations of Channel Samples.

SUMMARY

The twelve Located and two Crown Granted mineral claims reverted to the Crown, of Zeron Resources Ltd. are situated about 96 air kilometers south of Prince Rupert on the northeast coast of Banks Island (in the Patsey cove area) in the Mining Division of Skeena, British Columbia. The history of the property dates back to 1899 when a 50 feet deep shaft was sunk on a mineralized zone of a massive sulphides. Henrietta and Margaret mineral claims were Crown Granted in 1907 to E.J. Smith of Victoria, B.C. However, no production record is available.

The area is underlain by the contact of Coast Range Batholith rocks of unknown age and metasediments of Permian age.

The mineralization occurs as a pod of massive sulphides which is enclosed by a barren milky quartz vein and this vein in turn is enclosed by unmineralized quartz-diorite. This deposit appears to be a replacement of a large inclusion of metasediments in quartz diorite. This massive sulphides is an assemblage of mainly pyrrhotite, lesser chalcopyrite, pyrite and very minor scheelite with actinolite, calcite, and quartz as gangue material. The milky quartz vein which encloses these massive sulphides strike N 28° E with vertical dip is exposed for about 75 meters with a variable width of 5 to 25 meters. It is almost pure silica.

The geochemical survey result is very significant and encouraging. It indicates that the soil sampling program should be extended to the southeast of the present working area to find the extension of the present mineralized zone. The present knowledge of geology and structure indicates that the property has a potential of finding economical ore. The present and previous sampling of exposed mineralized zone are very encouraging, therefore an exploration program of two stages is recommended to cost \$150,000.00.

REPORT ON
HENRIETTA, MARGARET AND PAT
GROUP OF MINERAL CLAIMS
DONALDSON CREEK AREA, BANKS ISLAND
SKEENA MINING DIVISION, B.C.
FOR
ZERON RESOURCES LTD.

INTRODUCTION

This report is on twelve Located and two reverted Crown Grant mineral claims which are located 96 air kilometers south of Prince Rupert and 5 kilometers northeast of Mount Gransell on the northeast coast of Banks Island, in the Mining Division of Skeena, British Columbia. This report is prepared at the request of Mr. Bernard Fitch, the Secretary and Director of the Zeron Resources Ltd. of 812-409 Granville Street, Vancouver, B.C. It is based on a visit by the author on July 30, 1982, and accompanied by Mr. Thor Juvik, one of the directors of the company, and Howard Fitch. The writer of this report had examined the exposed surface and underground mineralized zones on the north bank and bed of Donaldson Creek, and collected few samples. He had also taken a general traverse of the property in order to study general geology of the area. The company also cut about 6 kilometers of grids and collected about 100 soil samples from this grided area. The author also referred all written information supplied by Zeron Resources Ltd. This study was undertaken to evaluate these mineral claims and propose a program of exploration if it warrants.

PROPERTY AND OWNERSHIP

The property consists of two (Henrietta and Margaret) reverted Crown Grant and twelve Located mineral claims.

The Henrietta and Margaret mineral claims were Crown Granted in 1907 and reverted to the Crown, but later

leased by Mrs. Gladys E. Murdoch of 1110-6651 Minoru Boulevard, Richmond, B.C. on June 12, 1981. The Zeron Resources Ltd. has acquired these mineral leases by bill of sale on June 12, 1982.

The Pat Group of 12 units were staked by Mr. Bernard Fitch of 467 Lakeview Street, Coquitlam, B.C. on July 12, 1982 and fastened the metal tag #85240 on the claim post, and recorded on July 28, 1982 in the Mining Recording office at Vancouver, B.C. These claims will be acquired by the company by bill of sale as per Mr. B. Fitch.

The details of these mineral claims are as follows:

Leases:

<u>Name of leases</u>	<u>Lot Nos.</u>	<u>Record Nos.</u>	<u>Recording date</u>	<u>Hectares</u>
Henrietta	109	3124	June 12, 1981	15.46
Margaret	110	3125	June 12, 1981	13.66

Located mineral claims:

<u>Name of claims</u>	<u>Tag Nos.</u>	<u>Date of recording</u>	<u>Date of expiry</u>
Pat 1-12 units	85240	July 28, 1982	July 28, 1983

These mineral claims are in good standing in accordance with the Mineral Act of the province of British Columbia.

LOCATION AND ACCESSIBILITY

The property is located on the Patsey Cove, the northeast coast of Banks Island, about 96 kilometers south of Prince Rupert and 5 kilometers northeast of Mt. Gransell, in the Donaldson Lake area and in the Skeena Mining Division of British Columbia. The property is centred about 53°28'27" north latitude and 130°03'05" west longitude.

The property is accessible by boat or float plane to Donaldson Lake from Prince Rupert, B.C. The supply can be available from Prince Rupert.

TOPOGRAPHY, VEGETATION AND CLIMATE

The property is located on the Patsey Cove, northeast of Banks Island, on Principe Channel, which has an elevation of

sealevel to about 300 meters above sealevel in the southwest corner of the property.

The property is covered by heavy to moderately thick mixed commercial timber, mostly cedar, spruce and alternating with open wet area which has growth of alder.

The area has typical coastal climate with heavy rainfall in the summer months. The winter is moderate to cold and temperature often goes below freezing. The snowfall on higher elevations is fairly heavy compared to that of lower elevations. The exploration and mining can be carried out through out the year.

Fresh water is available for domestic purposes, diamond drilling and mining from Donaldson Lake and Donaldson Creek which runs through the middle of the property.

PROGRAM

During the period of July 15 to 31, 1982 the following program was carried out by the company.

- (1) A north south running 1000 meters length of baseline was established close to the old 50' deep shaft and old showings, and established grids of about 5 kilometers in length, perpendicular to the baseline with station of 25 meters on each line.
- (2) Soil samples were collected from each station of this grided area.
- (3) The writer of the report had a general traverse of the property in order to study general geology of the area and examined the old workings, and sampled the exposed mineralized zones.

HISTORY AND PREVIOUS WORK

The history of Henrietta and Margaret mineral claims goes back to 1899 when these claims were surveyed. The surveyor's sketch had indicated a location of 50' deep shaft which is now

caved in. It is open up to 20' from the surface at present.

The property was reported in the Report of the Minister of Mines 1930, page A68: is consisting of a group of old claims (Henrietta and Margaret) on which a Crown grant was issued in 1907. It was then owned by E.J. Smith, of Victoria. According to the Report of the Minister of Mines, 1930, page A68,

"The ore occurrence consists of irregular masses of pyrrhotite with chalcopyrite and magnetite in what appears to be detached semi-absorbed segments of the Prince Rupert formation in fine-grained quartz diorite of the batholith. White, glassy quartz is widely distributed through the quartz diorite in the vicinity of the deposit in irregular vertical-standing veins and thin horizontal sheets that might be mistaken for domes. Peculiarities of the gangue accompanying the mineralization are the development of actinolite in the gangue and included in a transparent and very vitreous smoky quartz. The deposit has been explored by several pits, trenches, and open-cuts. These show a very discontinuous and patchy development of mineralization. The mode of occurrence and mineral character of the deposit indicate that it was formed under high temperature and rapid cooling conditions in semi-absorbed segments of a pre-existing thin roof of the Prince Rupert formation."

A regional geochemical evaluation of a large area (about 250 kilometers by 128 kilometers) around Granville Channel was initiated by G.J. Woodsworth as a part of B.Sc. thesis in the Geology Department of the University of British Columbia during the period of 1968. This work was published in 1970 indicating significant anomalous molybdenum in stream silts, which extends to the northwest from Donaldson Creek along the gneissic diorite-migmatite complex for about 19 kilometers. He also examined the property at the same time and reported, "that mineralization consists mainly of pyrrhotite and lesser amounts of magnetite, chalcopyrite, and pyrite. A large chip sample collected by Woodsworth yielded 0.58% copper, and traces of gold, silver and nickel," (G.S.C. paper 70-41, page 49).

There has been no work carried out on the property since 1907.

GEOLOGY

The regional geology of the area had been studied by J.G. Souther, A.J. Baer, and W.W. Hutchison in 1963, and by J.A. Roddick, A.J. Baer and W.W. Hutchison in 1965 of Geological Survey of Canada. A geological map #23-70 on a scale of 1:250,000 was compiled by J.A. Roddick to accompany the Geological Survey of Canada paper 70-41, Douglas Channel-Hecate Strait Map Area, B.C. The study of this map suggests that the area is underlain by the contact of Coast Range Plutonic rocks of unknown age or of Mesozoic period and sedimentary rocks of Permian and/or older age.

The plutonic rocks of unknown age consist of Basic complexes of gabbro-diorite-migmatite complex and gneissic diorite migmatite complex. The gneissic diorite migmatite complex (5b) is in contact with large bands of marble and limestone (2d) of Permian age to the northeast of the area and a hornblende quartz-diorite (8b) of unknown age to the south southwest of the area, which crosses the outlet of Donaldson Lake into Donaldson Creek.

The regional geochemical survey work, which was a part of a B.Sc. thesis in the Department of Geology of U.B.C., carried out by G.J. Woodsworth shows significant anomalous molybdenum values, in the northwestern part of the area, suggests that gneissic diorite-migmatite complex has a potential of finding economical ore deposit.

MINERALIZATION

The occurrence of a pocket of massive sulphides, which is about 6 meters by 18 meters enclosed by a barren milky white quartz which in turn is enclosed in quartz diorite. This mineralization is exposed along the northern bank of Donaldson Creek, about a quarter of a mile up from the shore of Patsey Cove, where the bank has sloughed and covering the contacts of quartz vein with this pod of massive sulphides. A shaft of about 16 meters had been sunk in the middle of this mineralized zone at about 5 meters north of the creek. The

creek bottom consists of massive sulphides which are also exposed on the opposite bank where a float of sulphides are found. This location is about 60 meters southeast of the shaft according to Dr. P.H. Sevensma, but the writer did not find any float in the area.

This massive sulphides mineralization is a mineral assemblage of mainly pyrrhotite, and lesser amount of magnetite, chalcopyrite, pyrite and very minor scheelite with actinolite, quartz and calcite as gangue material. These minerals occur in blebs of 1 mm to about 2-3 cms. This mode of occurrence and mineral character of the deposit indicates that it was formed under high temperature and rapid cooling conditions in semi-absorbed segments of metasediments. In other words it appears to be a replacement of a large inclusion of meta-sediments in the quartz diorite.

A milky white, very pure quartz vein of variable width of 4-25 meters with a strike of N 28° E and dipping vertically is irregular in shape and exposed for about 50 meters in length. It disappears under overburden on both ends. This quartz vein is barren and has not been assayed but it is enclosing the pod of above described massive sulphides diorite on the west.

SAMPLING

The exposed mineralized zones along the Donaldson Creek and near the old shaft were sampled during the period of July 30, 1982, and have been assayed by Chemex Labs Ltd. of 212 Brooksbank Avenue, North Vancouver, B.C. The area where samples #82477 and 82478 were collected was heavily oxidized, therefore these samples are not from fresh exposed surface, which means the assay values may not be representative. The locations of these samples are marked on the geochemical survey map. Assay results are as follows (see Appendix # 1).

Sample #82477 was collected (chip sample) over the width of 2 meters, west of shaft. The area is heavily oxidized mineralization of massive sulphides, which consists

mainly of pyrrhotite, magnitite, chalcopyrite, pyrite, assayed 1.18% copper, less than 0.01% zinc, less than 0.001% WO₃, 0.06 oz./ton silver, and less than 0.003 oz./ton gold.

Sample #82478, collected as a chip sample over the width of 2 meters east of shaft. This area is also oxidized as is the area of sample #82477. Mineralization is same. Assay returned 0.22% copper, less than 0.01% zinc, less than 0.001% WO₃, 0.14 oz./ton silver, and less than 0.003 oz/ton gold.

Sample #82479, grab sample collected from the old dump of shaft comprised of rusty quartz material, massive sulphide fragments which carry pyrrhotite, chalcolyrite, pyrite, and magnetite. Assayed 0.36% copper, less than 0.01% zinc, 0.03% WO₃, 0.01 oz./ton silver and 0.003 oz./ton gold.

Sample #82480, collected over 2.3 meters as a chip sample with heavy blebs of sulphides and some quartz. Assay returned 1.05% copper, 0.01% zinc, less than 0.001% WO₃, 0.12 oz./ton silver and less than 0.003 oz./ton gold.

Dr. P.H. Sevensma, Ph.D., P.Eng., collected a large 100 lbs. bulk sample from shaft dump during a period of May 23, 1971. This bulk sample consisted of walnut to fist size pieces of mineralized material over the length of 38 meters both in place and from dump. He divided this sample into three parts with the help of ultraviolet light for selection of sample which showed significant fluorescence for scheelite. The other sample was prepared which carried high percentage of copper, and the remaining part was the third sample with low copper. These samples were analyzed by Crest Laboratories (B.C.) Ltd. of Vancouver. Assay returned as follows:

<u>Sample No.</u>	<u>% Cu</u>	<u>% WO₃</u>	<u>% Sn</u>	<u>% Ni</u>	<u>Remarks</u>
160	0.60	1.12	trace	trace	Selected for scheelite
161	0.92	0.03	trace	nil	Selected for high copper
162	0.55	0.01	trace	nil	Selected for low copper

These assay results, atleast for copper, are confirmed by assay results of samples collected by the writer.

GEOCHEMICAL SURVEY

The soil sampling program was initiated by the company during July 15-31, 1982.

GEOCHEMICAL PROFILE

Three soil profiles were taken at various locations over the property to establish different horizons of soil.

The topsoil or "A" horizon consists of light grayish brown to gray colour with organic material, sand, pebbles, and angular fragments of rocks. A distinct layer of pine needles and organic material of dark brown and black colour of 6 centimeters to 30 centimeters thick was noticed at places, but in swampy areas it was deeper.

The "B" horizon of soil was composed of sandy clay with some organic material. The colour of this layer was brown to dark brown and reddish brown and contained angular rocks but occasionally oxidized material.

The "C" horizon was dark brownish red and consisted of fine sand with varying amount of clay and angular fragments of rocks. There definitely was an intermixing of the "B" and "C" horizons.

SOIL SAMPLING TECHNIQUE

Hundred and ten soil samples were collected from "B" soil horizon by digging a pit to this horizon. The collected soil was kept in Kroft waterproof paper soil bags where they remained until analysed.

The samples were delivered to General Testing Laboratories, 1001 East Pender Street, Vancouver, B.C. where drying, sieving and analysis was carried out under the supervision of a professional chemist. All samples were analysed for copper and silver in part per million by atomic absorption.

The values of copper and silver were plotted on

the grid. The intensity ranged for copper from 2 to 634 ppm and for silver less than 0.2 to 1.0 ppm. These values were plotted on separate sheets of graph papers to construct histograms for each element and find out back ground and threshold which were 47 ppm and 60 ppm for copper, and 0.7 ppm and 0.9 ppm for silver. The overburden varies from 6 centimeters to 4 meters approximately and slope is moderate.

The mobilization of copper ions will be more than silver ions. The interesting geochemically anomalous area for copper is around the shaft, southeast corner of the surveyed area. But most of the work has been in north and northwest parts of the area. This anomaly is significant which indicates that the geochemical work should be carried over in the southeast part of the present working area.

CONCLUSIONS

The property discussed above in this report is located in a favourable geological and structural environment. The area is underlain by contact of Coast Range Batholith rocks of unknown age or of Mesozoic period and sedimentary rocks of Permian and/or older age. The plutonic rocks consist of basic complex of gabbro-diorite-migmatite complex and gneissic-diorite-migmatite complex. These formations are in contact with a large band of limestone to the northeast of area and hornblende-quartz diorite to the southwest of the area.

The mineralization appears to occur as a pod of massive sulphide enclosed by a barren milky quartz which is in turn enclosed in unmineralized quartz diorite. It seems to be a replacement of a large inclusion of metasediments in quartz diorite. This pod of massive sulphides is a mineral assemblage of mainly pyrrhotite and lesser amount of chalcopyrite, pyrite and very minor scheelite with actinolite, quartz and calcite as gangue material.

The geochemical survey is very significant and indicates that the soil sampling program should be extended to the southeast of the shaft area to find the extension of mineralized zone.

The barren quartz vein should be blasted and sampled for silica. The present sampled area is badly oxidized but in spite of it the assay values are very significant and are encouraging but could be better if fresh exposed mineralization is sampled. The present study indicates that the property has a potential to find more mineralized zones and extension of the present known mineralized zone which could be of economic value. Therefore, a further program of exploration should be undertaken.

RECOMMENDATIONS

As a result of the above studies the following program of exploration is recommended.

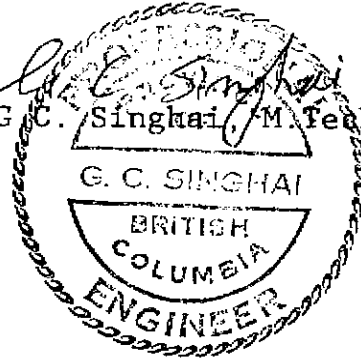
- (1) The present grid should be extended in the southeast of the shaft area and this grided area should be covered by soil sampling. These samples should be analyzed for copper and silver in ppm.
- (2) The new and old grided area should be covered by magnetic survey.
- (3) Area should be mapped geologically.
- (4) The anomalous zones should be tested by trenching, bulldozing and diamond drilling.
- (5) The present exposed mineralized zone should be trenched to expose fresh mineralization for systematic channel sampling.
- (6) Old shaft should be rehabilitated and exposed mineralized zones should be systematically channel sampled.

This program can be implemented in two stages.

Respectfully Submitted,

Dated at
5620 Clearwater Drive
Richmond, B.C.
August 26, 1982

G. C. Singhai
G. C. Singhai, M. Tech., P. Eng.



COST ESTIMATESTAGE I

1.	Rehabilitation of old shaft	\$ 2,000.00
2.	10 kilometers of line cutting @ \$200.00/kilometer	\$ 2,000.00
3.	Soil sampling and analysis	\$ 3,500.00
4.	20 kilometers of magnetometer survey @ \$150.00/kilometer	\$ 3,000.00
5.	Geological mapping	\$ 6,000.00
6.	Trenching and bulldozing	\$ 7,000.00
7.	Sampling of trenches and underground working	\$ 2,000.00
8.	Assaying channel samples for Cu, Au, Ag, and WO ₃	\$ 2,500.00
9.	Camp, transportation and food	\$ 6,000.00
10.	Engineering and supervision	\$ 6,000.00
	Total	\$40,000.00
	Contingencies 15%	6,000.00
	<u>Net Total</u>	\$46,000.00

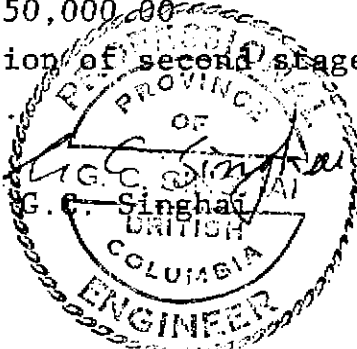
STAGE II

1.	500 meters of diamond drilling @ \$150.00/meter	\$60,000.00
2.	Sampling and assaying	\$ 5,000.00
3.	Engineering and supervision	\$ 8,000.00
	Total	\$73,000.00
	Contingencies 15%	10,950.00
	<u>Net Total</u>	\$83,950.00

Say \$ 84,000.00

Summary: Stage I \$46,000.00
 Stage II \$84,000.00
 Net Total \$150,000.00

The implementation of second stage depends on the success of the first stage.

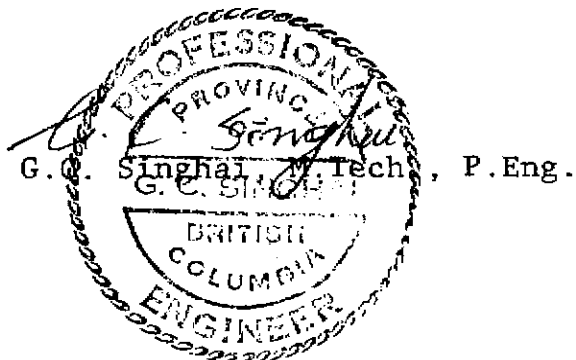


CERTIFICATION

I, Gyan Chand Singhai of 5620 Clearwater Drive,
Richmond, B.C., do hereby certify:

- (1) I am a member of the Association of Professional Engineers of British Columbia since 1969, and member of the Canadian Institute of Mining & Metallurgy.
- (2) I am a post-graduate in Applied Geology (1959) from the University of Saugor, Sagar, Madhya Pradesh, India, and have been practising my profession since that time.
- (3) I was teaching in the University fo Saugor, Sagar, and Ravishankar University, Raipur in India, and practised my profession in India, Canada, West Indies, Mexico, Peru and U.S.A.
- (4) This report is based as a result of the work carried out during July 30, 1982, and visits of Mr. Thor Juvik, and Mr. Howard Fitch, and supplemented by written information supplied by Zeron Resources Ltd.
- (5) I have no interest directly or indirectly in the property described herein nor any other properties, nor in the securities of Zeron Resources Ltd.
- (6) This report may be used for the purpose of a prospectus if so desired.

Dated at
5620 Clearwater Drive
Richmond, B.C.
August 26, 1982



BIBLIOGRAPHY

1. Hutchison, W.W. Prince Rupert and Skeena Map area, British Columbia, Geological Survey of Canada, Paper 66-63, 1967.
2. Roddick, J.A., Baer A.J., and Hutchison, W.W. Coast Mountains Project; Geological Survey of Canada, Paper 66-1, 1966.
3. Roddick, J.A. Douglas Channel-Hecate Strait Map Area, British Columbia, Geological Survey of Canada, Paper 70-41, (pp. 19, 20, 48, and 49), 1970.
4. Sevensma, P. H., Dr. Henrietta and Margaret. 103-6-9 Skeena Mining Division, B.C. for Bankisle Resources Ltd. (N.P.L.), November 14, 1979.
5. Annual Report of the Minister of Mines of the Province of British Columbia, 1930. (page A 68).



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1

TELEPHONE: (604) 984-0221
TELEX: 043-52597

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

CERTIFICATE OF ASSAY

TO : SINGHAI ENGINEERING

#901-675 WEST HASTINGS STREET
VANCOUVER, B.C.
V5Y 3E1

CERT. # : A8212455-001-
INVOICE # : I8212455
DATE : 13-AUG-82
P.O. # : NONE

Sample description	Prep code	Cu %	Zn %	WO3 NAA %	Ag FA oz/t	Au FA oz/t	
82477	207	1.18	<0.01	<0.001	0.06	<0.003	--
82478	207	0.22	<0.01	<0.001	0.14	<0.003	--
82479	207	0.36	<0.01	0.030	0.01	<0.003	--
82480	207	1.05	0.01	<0.001	0.12	<0.003	--

R. Swaine

.....
Registered Assayer, Province of British Columbia



MEMBER
CANADIAN TESTING
ASSOCIATION



General Testing Laboratories

A Division of SGS Supervision Services Inc.

1001 EAST PENDER ST., VANCOUVER, B.C., CANADA, V6A 1W2
 PHONE (604) 254-1647 TELEX 04-507514 CABLE SUPERVISE

TO:
ZENON RESOURCES LTD.
 409 Granville Street
 Vancouver, B.C.

CERTIFICATE OF ASSAY

No.: 8208-0353 DATE: Aug. 8/72

We hereby certify that the following are the results of assays on:

Soil samples

MARKED	SILVER	SILVER	Copper	XXX	XXX	Sample Marked	SILVER	Copper
	Ag (ppm)		Cu (ppm)				Ag (ppm)	Cu (ppm)
00 + .25E	0.3		32			<u>.5N +</u>		
.41E	0.5		634			.75W	<0.2	4
.25W	0.3		36			1.0W	0.5	4
<u>.25S +</u>						1.25W	<0.2	8
.25E	0.5		521			1.50W	0.3	6
Base Line	0.5		59			1.75W	0.5	11
.25W	<0.2		14			2.0W	<0.2	3
.50W	<0.2		6			2.5W	0.5	8
.75W	0.3		10			3.0W	0.8	11
1.0W	<0.2		5			<u>.75N +</u>		
1.24W	0.3		2			Base Line	0.3	4
1.5 W	<0.2		4			00	0.3	5
1.75W	<0.2		8			.25W	0.5	7
2.0W	0.3		5			.50W	0.3	4
<u>.25N +</u>						1W	<0.2	3
.43E	<0.2		5			1.25W	<0.2	3
Base Line	<0.2		5			1.5W	0.3	8
.25W	0.3		7			1.75W	0.3	10
.50W	<0.2		7			2.0W	<0.2	5
.75W	0.3		3			2.5W	0.3	3
1.0W	0.5		10			.50E	<0.2	2
1.25W	0.3		17			<u>1.0N +</u>		
1.50W	<0.2		2			.75E	<0.2	10
1.75W	<0.2		3			.5E	0.3	3
2.0W	0.3		4			.25E	0.3	3
2.5W	0.8		8			.25W	0.3	3
3.0W	<0.2		6			.75W	<0.2	2
<u>0.5N +</u>						1.0W	<0.2	2
.5E	0.5		15			1.25W	1.0	33
.25E	0.5		12			1.50W	<0.2	3
Base Line	<0.2		2			1.75W	0.5	10
.25W	<0.2		2			2.0W	<0.2	3
.50W	<0.2		2			2.5W	0.3	6
						3.0W	0.3	8

TE: REJECTS RETAINED ONE MONTH. PULPS RETAINED THREE MONTHS. ON REQUEST PULPS AND REJECTS WILL BE STORE FOR A MAXIMUM OF ONE YEAR.

ALL REPORTS ARE THE CONFIDENTIAL PROPERTY OF CLIENTS. PUBLICATION OF STATEMENTS, CONCLUSION OR EXTRACTS FROM OR REGARDING OUR REPORTS IS NOT PERMITTED WITHOUT OUR WRITTEN APPROVAL. ANY LIABILITY ATTACHED THERETO IS LIMITED TO THE FEE CHARGED.

P. Buschlen, Chemist

~~XXXXXXXXXXXX~~

Analytical and Consulting Chemists, Bulk Cargo Specialists, Surveyors, Inspectors, Samplers, Weighers

MEMBER: American Society For Testing Materials • The American Oil Chemists Society • Canadian Testing Association
 REFEREE AND OR OFFICIAL CHEMISTS FOR: National Institute of Oilseed Products • The American Oil Chemists' Society
 OFFICIAL WEIGHMASTERS FOR: Vancouver Board Of Trade



General Testing Laboratories

A Division of SGS Supervision Services Inc.

1001 EAST PENDER ST., VANCOUVER, B.C., CANADA, V6A 1W2
 PHONE (604) 254-1847 TELEX 04-507514 CABLE SUPERVISE

TO:
ZERON RESOURCES LTD.

..... page 2

CERTIFICATE OF ASSAY

No.: 8208-0353 DATE: Aug. 9/82

We hereby certify that the following are the results of assays on: **Soil samples**

MARKED	SILVER	ISIBEXX	Copper	XXX	XXX	Sample Marked:	SILVER	Copper
	Ag (ppm)		Cu (ppm)				Ag (ppm)	Cu (ppm)
<u>1.5N +</u>						<u>3.0N +</u>		
1.36E	0.3		5			1.25E	0.3	12
0.50E	0.3		8			.5E	0.3	3
Base Line	0.3		5			B.L.	0.3	3
0.50W	0.3		5			.5W	0.3	5
1.0W	0.8		17			1.0W	0.3	8
2.0W	1.0		13			1.5W	0.3	3
2.5W (A)	0.8		11			2.0W	<0.2	4
2.5W (B)	0.3		22			2.5W	0.3	5
3.0W	0.3		3			3.0W	0.3	5
<u>2.0N +</u>						<u>3.5N +</u>		
1.20E	0.5		16			1.25E	0.3	7
.5E	0.3		4			.5E	0.3	4
B.L.	0.3		3			B.L.	0.3	6
00	0.8		10			.5W	0.5	3
.5W	0.5		3			1.0W	0.5	4
1.0W	<0.2		3			1.5W	<0.2	3
1.5W	0.5		10			2.0W	<0.2	3
2W	<0.2		4			2.5W	0.5	6
3.0W	0.3		3			3.0W	<0.2	4
<u>2.5N +</u>						<u>00 +</u>		
1.25E	0.5		15			1.0W	0.5	10
1E	0.5		8			1.5W	0.3	7
.4E	0.3		6			1.75W	0.3	3
B.L.	0.3		11					
.5W	0.5		7					
1.0W	0.3		3					
1.5W	0.3		5					
2.0W	0.3		9					
2.5W	0.3		10					
3.0W	0.5		11					

NOTE: REJECTS RETAINED ONE MONTH. PULPS RETAINED THREE MONTHS. ON REQUEST PULPS AND REJECTS WILL BE STORE FOR A MAXIMUM OF ONE YEAR.

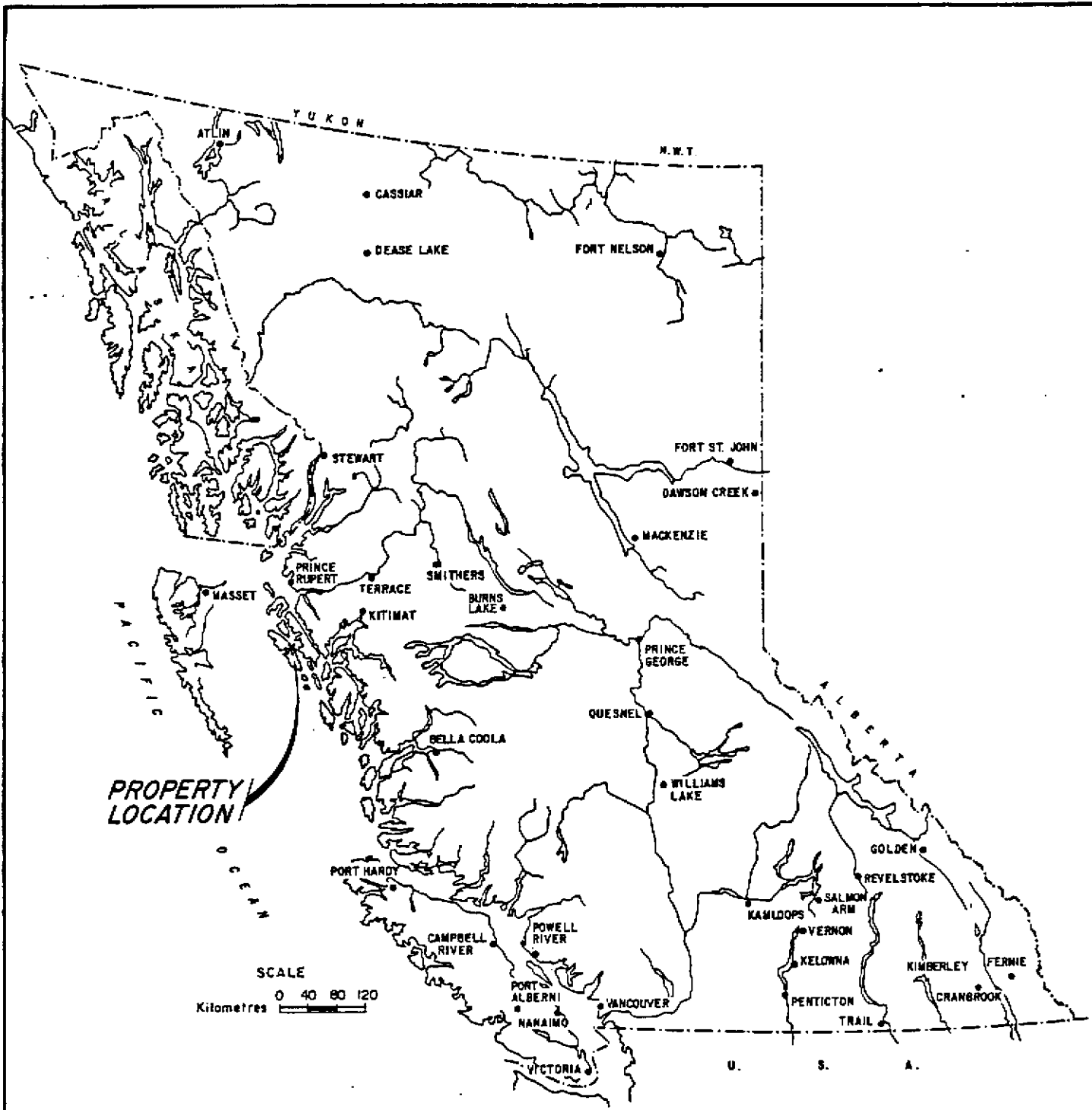
ALL REPORTS ARE THE CONFIDENTIAL PROPERTY OF CLIENTS. PUBLICATION OF STATEMENTS, CONCLUSION OR EXTRACTS FROM OR REGARDING OUR REPORTS IS NOT PERMITTED WITHOUT OUR WRITTEN APPROVAL. ANY LIABILITY ATTACHED THERETO IS LIMITED TO THE FEE CHARGED.

P. Buschlen
P. Buschlen, Chemist

PROVINCIAL ASSAYER

Analytical and Consulting Chemists, Bulk Cargo Specialists, Surveyors, Inspectors, Samplers, Weighers

MEMBER: American Society For Testing Materials • The American Oil Chemists Society • Canadian Testing Association
 REFEREE AND OR OFFICIAL CHEMISTS FOR: National Institute of Oilseed Products • The American Oil Chemists' Society
 OFFICIAL WEIGHMASTERS FOR: Vancouver Board Of Trade

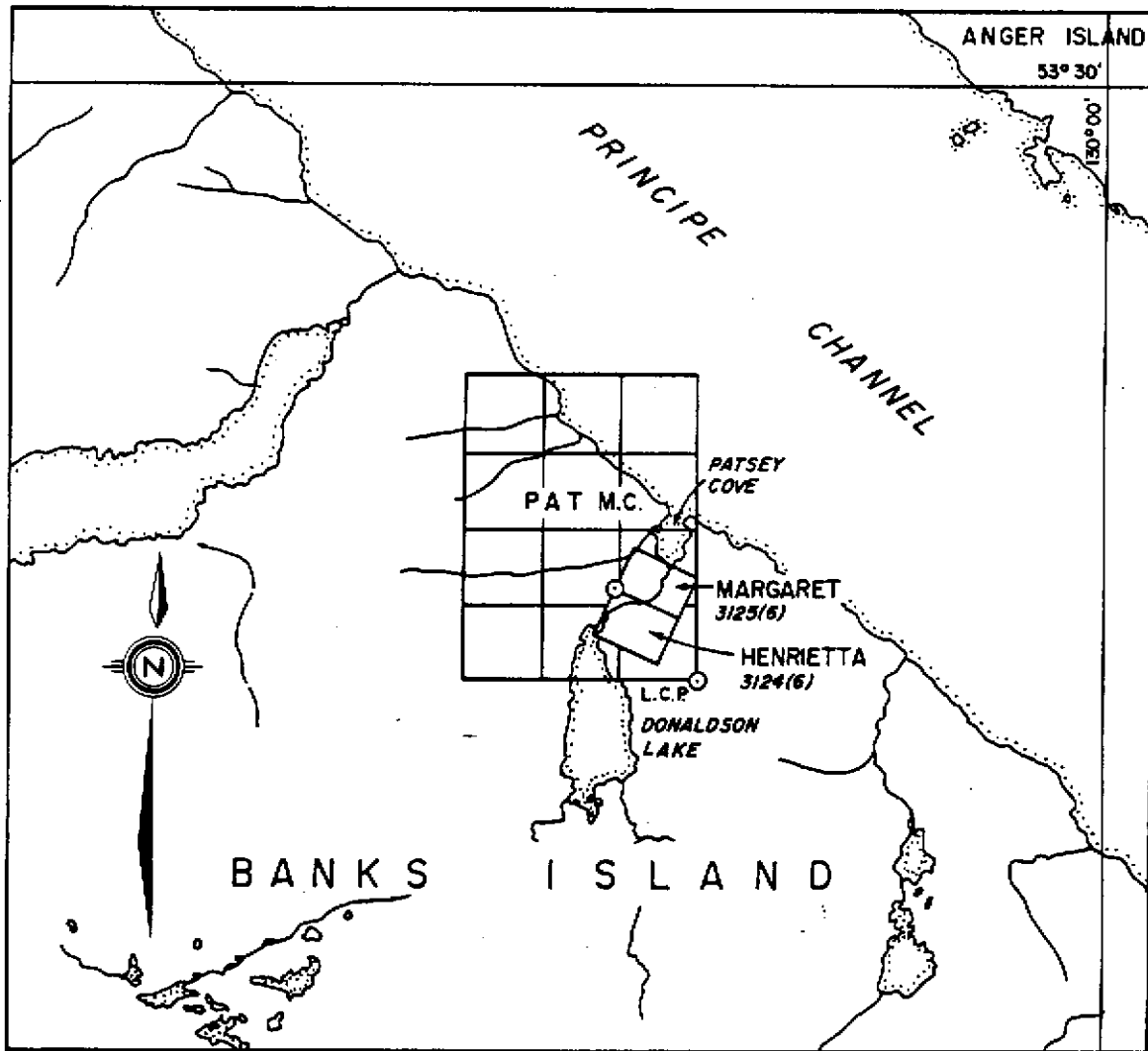


ZERON RESOURCES LTD.

**HENRIETTA, MARGARET AND PAT
MINERAL CLAIMS**

SKEENA MD, B.C.

LOCATION MAP



ZERON RESOURCES LTD.

**HENRIETTA, MARGARET AND PAT
MINERAL CLAIMS**

SKEENA M.D., B.C.

CLAIM MAP

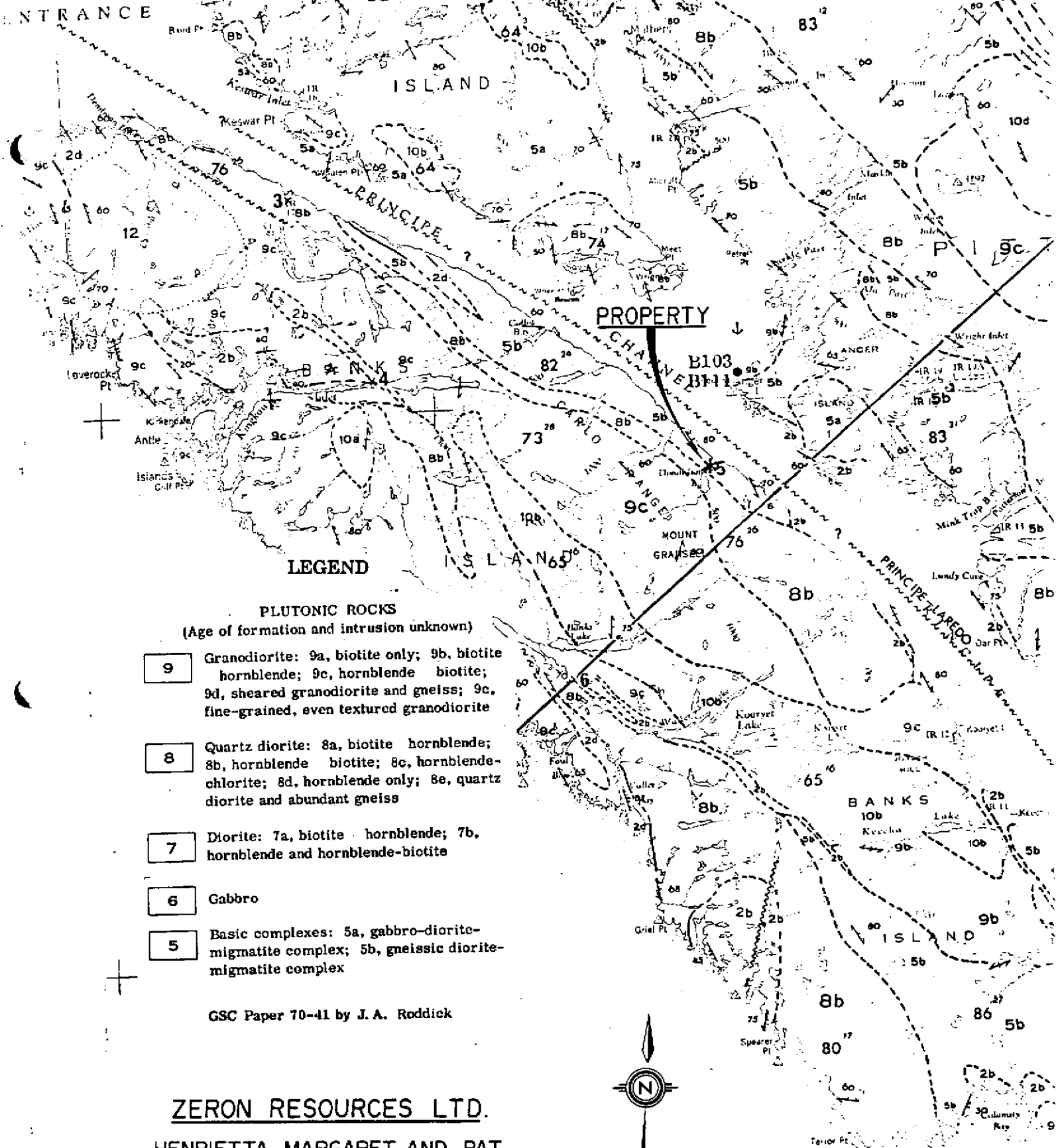
SCALE 1: 50,000

METRES 0 500 1000 1500 2000 METRES



SINGHAI ENGINEERING INTERNATIONAL LTD.





LEGEND

PLUTONIC ROCKS
(Age of formation and intrusion unknown)

- 9** Granodiorite: 9a, biotite only; 9b, biotite hornblende; 9c, hornblende biotite; 9d, sheared granodiorite and gneiss; 9e, fine-grained, even textured granodiorite
- 8** Quartz diorite: 8a, biotite hornblende; 8b, hornblende biotite; 8c, hornblende-chlorite; 8d, hornblende only; 8e, quartz diorite and abundant gneiss
- 7** Diorite: 7a, biotite hornblende; 7b, hornblende and hornblende-biotite
- 6** Gabbro
- 5** Basic complexes: 5a, gabbro-diorite-migmatite complex; 5b, gneissic diorite-migmatite complex

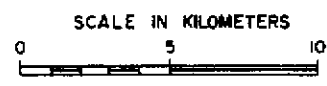
GSC Paper 70-41 by J. A. Roddick

ZERON RESOURCES LTD.

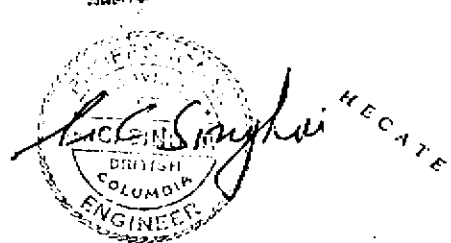
HENRIETTA, MARGARET AND PAT
MINERAL CLAIMS

SKEENA MD, BC.

REGIONAL GEOLOGY



SINGHAI ENGINEERING INTERNATIONAL LTD



GEOCHEMICAL SURVEY

HENRIETTA, MARGARET, PAT MINERAL CLAIMS ON BANKS ISLAND

STATEMENT OF EXPENDITURES FOR ASSESSMENT

PERIOD OF WORK - July 15 to July 31, 1982

WAGES

16 days @ \$ 100.00	\$ 1,600.00	
7 days @ 100.00	700.00	
14 days @ 80.00	1,200.00	
	<hr/>	
	3,420.00	3,420.00

ASSAYING

110 samples assayed for copper, silver	701.00
--	--------

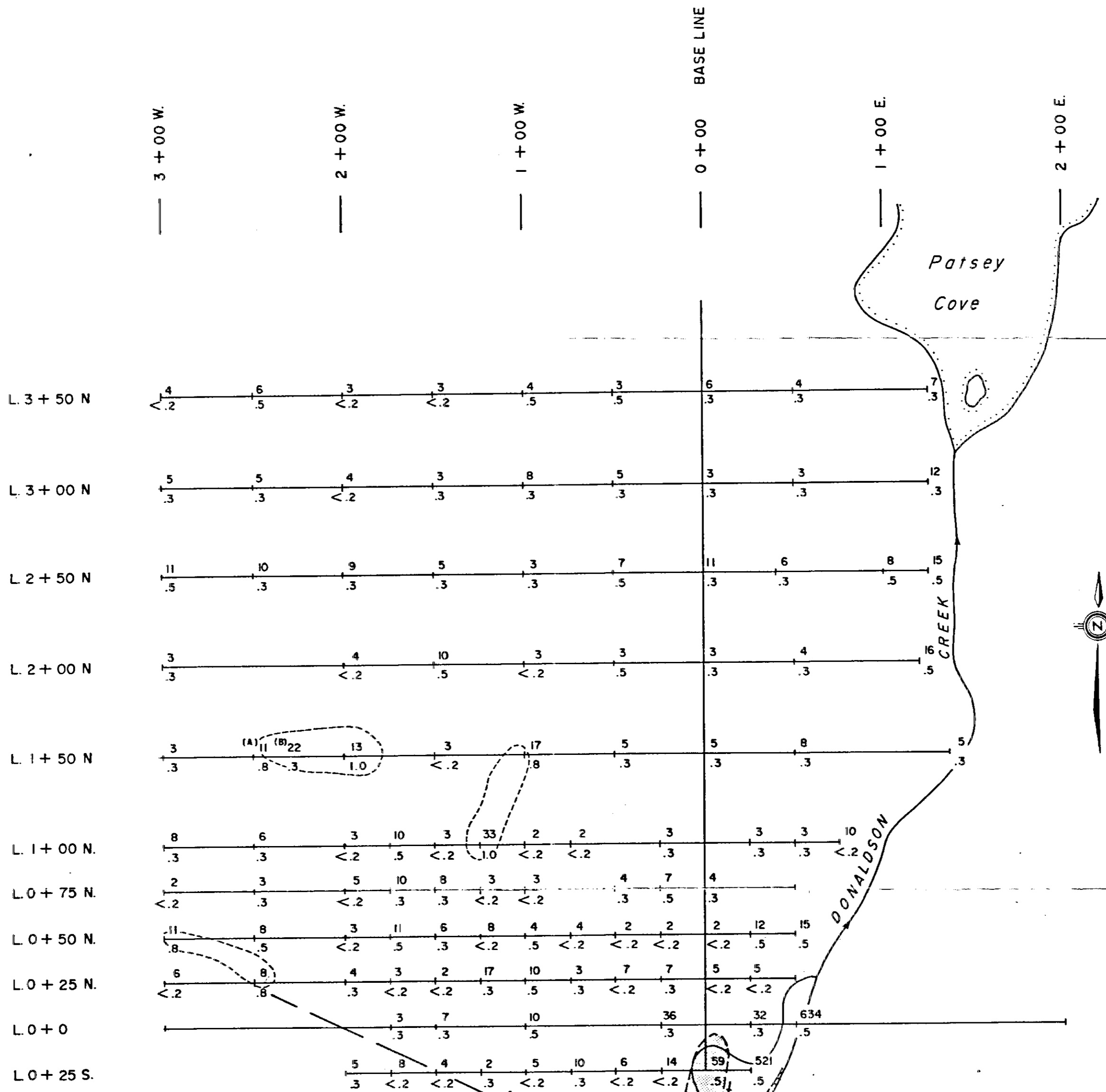
CAMP SUPPLIES

Food, equipment, camp gear	727.00
----------------------------	--------

\$ 4,848.00

B. Fitch

Bernard Fitch, Field Supervisor



SAMPLE No.	Cu %	Zn %	WO3 % (NAA)	Ag oz/t (FA)	Au oz/t (FA)
82477	1.18	<0.01	<0.001	0.06	<0.003
82478	0.22	<0.01	<0.001	0.14	<0.003
82479	0.36	<0.01	0.030	0.01	<0.003
82480	1.05	0.01	<0.001	0.12	<0.003

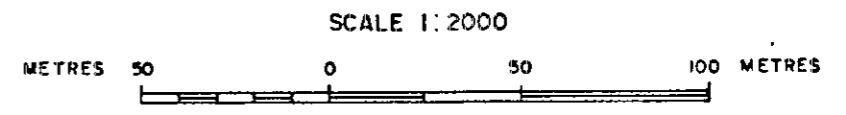
LEGEND

- $\frac{7}{5}$ Cu value in ppm
Ag value in ppm
- Cu Anomaly
- Ag Anomaly
- Strike (vertical)

ZERON RESOURCES LTD.
GEOLOGICAL BRANCH
ASSESSMENT REPORT

11,176

GEOCHEMICAL SURVEY
COPPER AND SILVER IN PPM.
SHOWING LOCATIONS OF ROCK SAMPLES



SINGHAI ENGINEERING INTERNATIONAL LTD.