

ASSESSMENT WORK
SAM M.C.S I-5 INC.
ALBERNI MINING DIVISION

N.T.S. M92/4E

LAT. $49^{\circ} 6 \frac{1}{2}'$ LONG $125^{\circ} 34'$

12910

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ASSAY RESULTS & SPECTRO ANALYSIS IN POCKET BACK OF
REPORT.

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

12,910



TYPE OF REPORT/SURVEY(S)	TOTAL COST
PROSPECTING	\$968.04

AUTHOR(S) .. MURRAY SWETZ SIGNATURE(S) .. *M. Swetz*

DATE STATEMENT OF EXPLORATION AND DEVELOPMENT FILED .. August 27 YEAR OF WORK 1984

PROPERTY NAME(S) .. SAM

COMMODITIES PRESENT Copper

B.C. MINERAL INVENTORY NUMBER(S), IF KNOWN

MINING DIVISION .. Alberni NTS .. 92F/4E

LATITUDE .. 49° 6½' LONGITUDE .. 125° 34'

NAMES and NUMBERS of all mineral tenures in good standing (when work was done) that form the property [Examples: TAX 1-4, FIRE 2 (12 units); PHOENIX (Lot 1706); Mineral Lease M 123; Mining or Certified Mining Lease ML 12 (claims involved)]:

SAM M.C.s 1-2-3-4; SAM-5 = (4 units)

OWNER(S)
(1) .. Murray Swetz (2)

MAILING ADDRESS
Suite 202 - 1031 Burnaby Street
Vancouver, B.C., V6E 1N9

OPERATOR(S) (that is, Company paying for the work)
(1) .. Murray Swetz (2)

MAILING ADDRESS
Suite 202 - 1031 Burnaby Street
Vancouver, B.C., V6E 1N9

SUMMARY GEOLOGY (lithology, age, structure, alteration, mineralization, size, and attitude):
SAM Claims located over Karmutsen Formation upper Triassic, or older. Andesites, Basalt Flows and Basalt Breccia. No faulting or shearing was observed. Minor Blebs of Chalco Pyrite were located in narrow Quartz veins exposed through overburden in an area .- 2M by 1½ - strike N.S. - Dip vertical.

REFERENCES TO PREVIOUS WORK .. There has been no known previous work done on the property.

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS		COST APPORTIONED
GEOLOGICAL (scale, area)				
Ground
Photo
GEOPHYSICAL (line-kilometres)				
Ground
Magnetic
Electromagnetic
Induced Polarization
Radiometric
Seismic
Other
Airborne
GEOCHEMICAL (number of samples analysed for)				
Soil
Silt
Rock
Other
DRILLING (total metres; number of holes, size)				
Core
Non-core
RELATED TECHNICAL				
Sampling/assaying
Petrographic
Mineralogic
Metallurgic
PROSPECTING (scale, area)	Approximately 70 Hectares	SAM Nos. 1-2-3-4		\$968.04
PREPARATORY/PHYSICAL				
Legal surveys (scale, area)
Topographic (scale, area)
Photogrammetric (scale, area)
Line/grid (kilometres)
Road, local access (kilometres)
Trench (metres)
Underground (metres)
				TOTAL COST
				\$968.04

FOR MINISTRY USE ONLY	NAME OF PAC ACCOUNT	DEBIT	CREDIT	REMARKS:
Value work done (from report)	
Value of work approved	
Value claimed (from statement)	
Value credited to PAC account	
Value debited to PAC account	
Accepted	Date	Rept. No.	Information Class

LOCATION AND ACCESS

The Sam Mineral Claims 1-8 inclusive lie midway between the villages of Tofino and Ucluelet on the west coast of Vancouver Island and approximately 12 km east of Long Beach. The claims straddle a point of land at the junction of Kennedy Lake and Clayoquot Arm. Access from Ucluelet is by 38 km of paved road and 15 km of good logging gravel road, Alberni Mining Division.

N.T.S. M92/4E , IAT. $49^{\circ} 6 \frac{1}{2}'$ long. $125^{\circ} 34'$

GEOLOGY AND MINERALIZATION

The regional geology on the Sam Claims are of the Karmutsen Formation, andesites and basalt flows. A small outcropping of quartz-granite was noted on the extreme north-west part of Sam M.C. No. 2. Outcroppings of chert were also located on Sam M.C. No. 2. Sam M.C. No. 5 is almost entirely in water of Clayoquot Arm.

MINERAL OCCURRANCE

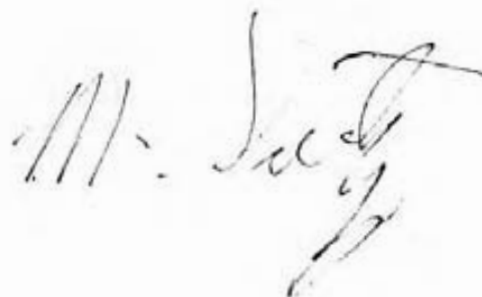
Exposure of quartz was located (2 m by 1½ m) and surrounded by overburden. Samples taken from this zone revealed iron sulphides (pyrite and arsenical pyrite; also fine blebs of chalcopyrite and very minor bornite showings. The samples taken are presently being assayed for Au and Ag results. (WHAT LOOKED LIKE BORNITE IN A FRESH ROCK - BREAK, TURNED OUT TO BE TARNISHED IRON SULPHIDES. FEB. 1985.

ITEMIZED COSTS

Food and Lodging: Six (6) one man days @ \$35.00 per day. . . .	\$ 210.00
Truck expenses, Vancouver to Ucluelet return, and work area = 582 km @ \$0.22 per km	128.04
Wages: Six (6) one man days @ \$100.00 per day.	600.00
Miscellaneous	<u>30.00</u>
TOTAL EXPENSES	<u>\$ 968.04</u>

AUTHOR'S QUALIFICATIONS

I have had thirty-two years of prospecting experience throughout British Columbia and the Yukon and some experience in geophysics and geochem surveys. I presently reside at Suite 202 - 1031 Burnaby St., Vancouver, B.C., V6E 1N9.



SUMMARY OF WORK

ACTUAL PROSPECTING ON SAM CLAIMS REQUIRED FOUR ONE MAN DAYS, NOT INCLUDING TRANSPORTATION TO JOB AREA. NO EXCAVATION OF OVERBURDEN OR ROCK WAS REQUIRED. ALL ROCK SAMPLING WAS DONE WITH A PROSPECTORS HAMMER MATTOCK. SOME OVERBURDEN WAS MUCKED OUT ONLY TO EXPOSE MORE OF THE COPPER SHOWING. TYPE OF TRANSPORTATION USED FROM VANCOUVER TO WORK AREA, 1978 FORD TRUCK. ALL WORK WAS DONE BY THE AUTHOR OF THIS REPORT. AUGUST 1984

PROPERTY DEFINITION

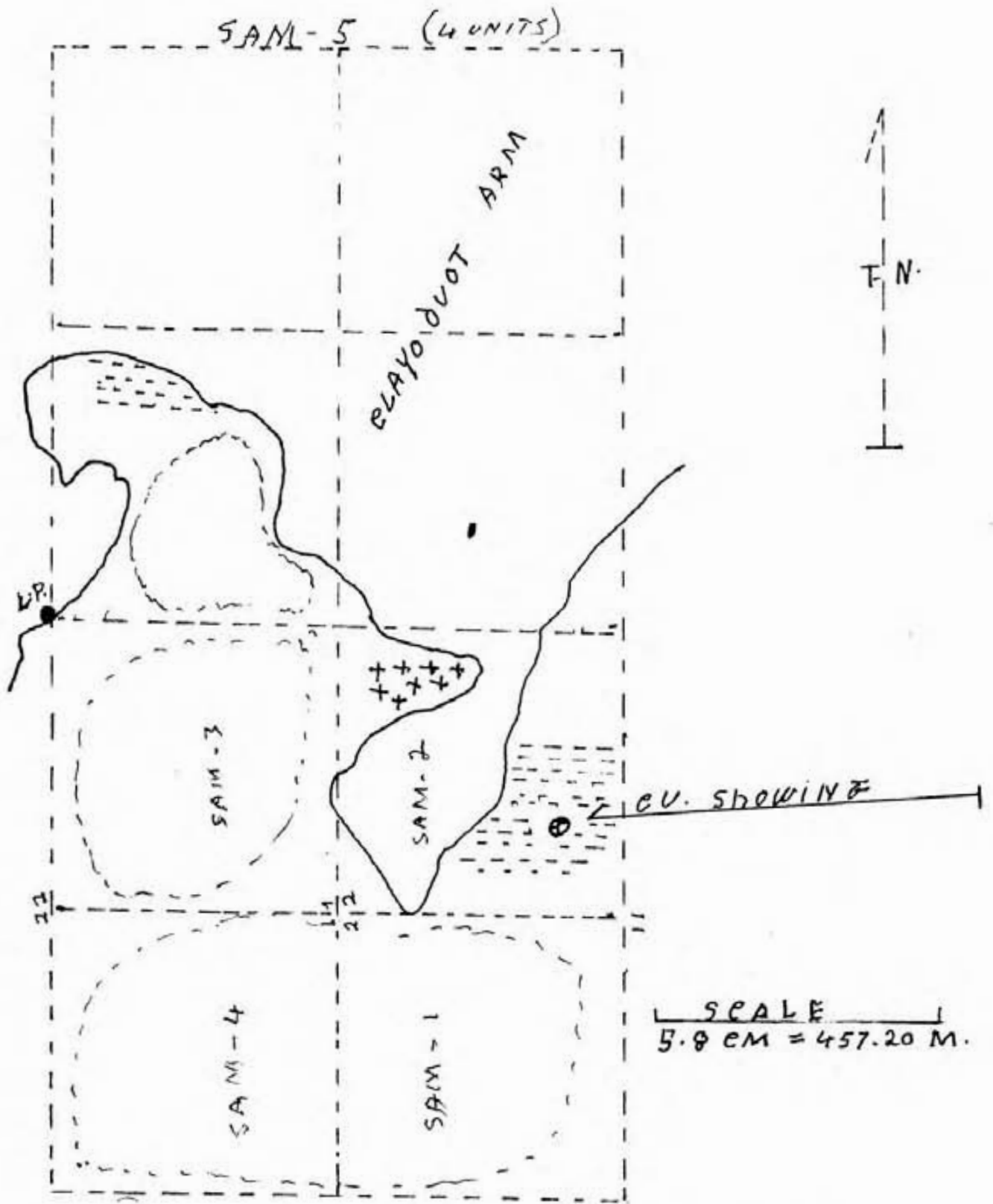
THE AREA COVERED BY THE SAM CLAIMS DOES NOT APPEAR TO HAVE ANY PREVIOUS EXPLORATION WORK DONE ON THEM. NO TRENCHES, OR SHAFTS OR GRIDLINE WERE OBSERVED WHILE PROSPECTING. THERE ARE NO KNOWN MINING REPORTS COVERING THE AREA.

PHYSIOGRAPHY

THE SAM CLAIMS ARE BOUNDED ON THE NORTH & N.W. BY KLAYOQUOT ARM OF KENNEDY LAKE. ELEVATION ON THE LOWEST WESTERN PART OF THE CLAIMS ARE APPROX. TEN METRES A.S.L. GRADUALLY RISE TO APPROX. SIXTY FIVE METRES ON THE EASTERN PORTION OF THE PROPERTY. THE WHOLE AREA OF THE SAM CLAIMS HAS BEEN LOGGED OUT, EXCLUDING THAT PORTION THAT ARE LOCATED OVER WATER, PORTIONS OF THE PROPERTY HAVE SMALL SECOND GROWTH OF CEDAR AND PINE. SOME AREAS ARE COVERED WITH HEAVY GROWTH OF SALAL BRUSH, DEVILS CLUB AND IVY. THERE ARE NO CREEKS OR SMALL LAKES ON THE PROPERTY. A GOOD LOGGING ROAD CROSSES THE PROPERTY ON THE SOUTHERN SIDE OF THE CLAIMS.

GEOLOGICAL MAP SAM M.C.s KENNEDY LAKE AREA

LOVE BEACH - 12 KM



SCALE
5.8 CM = 457.20 M.

LEGEND

CHERT VOLCANICS -----

QUARTZ +++

GRANITE

VOLCANICS: ANDESITES - BASALT

OVERBURDEN

⊕ CU. SHOWING

RUTH 14
2058(4)
25X22

MANDY 3
2091(4)
64X22

VIVA III
1965(3)
45X25W

D.T. 2
2053(4)
58X26W

RUTH
2014(3)
28X26E
25X22

ALSO
RUTH 2
2015(3)
25X26E

D.T. 1
2052(4)
35X26W

SAND
1975
35X24W

ANGORA 1
1653(3)
(44X22E)

ANGORA 4
1656(3)
(44X22W)

HENNY
2145(5)
58X44W

ANGORA 6
1840(9)
38X22W

JACK S1	1561(12)
JACK S2	1562(12)
JACK S3	1563(12)
JACK S4	1564(12)
JACK S5	1565(12)

ANGORA 3
1655(3)
(18X22W)

ANGORA 2
1654(3)
(46X22E)

ANGORA 5
1657(3)
(43X22W)

SAM 5
1839(9)
28X22E

SAM 3
1837(9)

SAM 4
1839(7)

SAM 1
1835(9)

RES. MIN. & PLACER
% 2301, 5-7-1973
NO STAKING

RES. MIN. & PLACER
% 105, 5-7-1973
NO STAKING

SAM 1-5

K e n n e d y

L a k e

A r m

C l a y o q u o t

A g n e s I.

A n g o r a L.

L a y l e e I.

S a n d p u n t

TO EAST SEE MAP 92713W

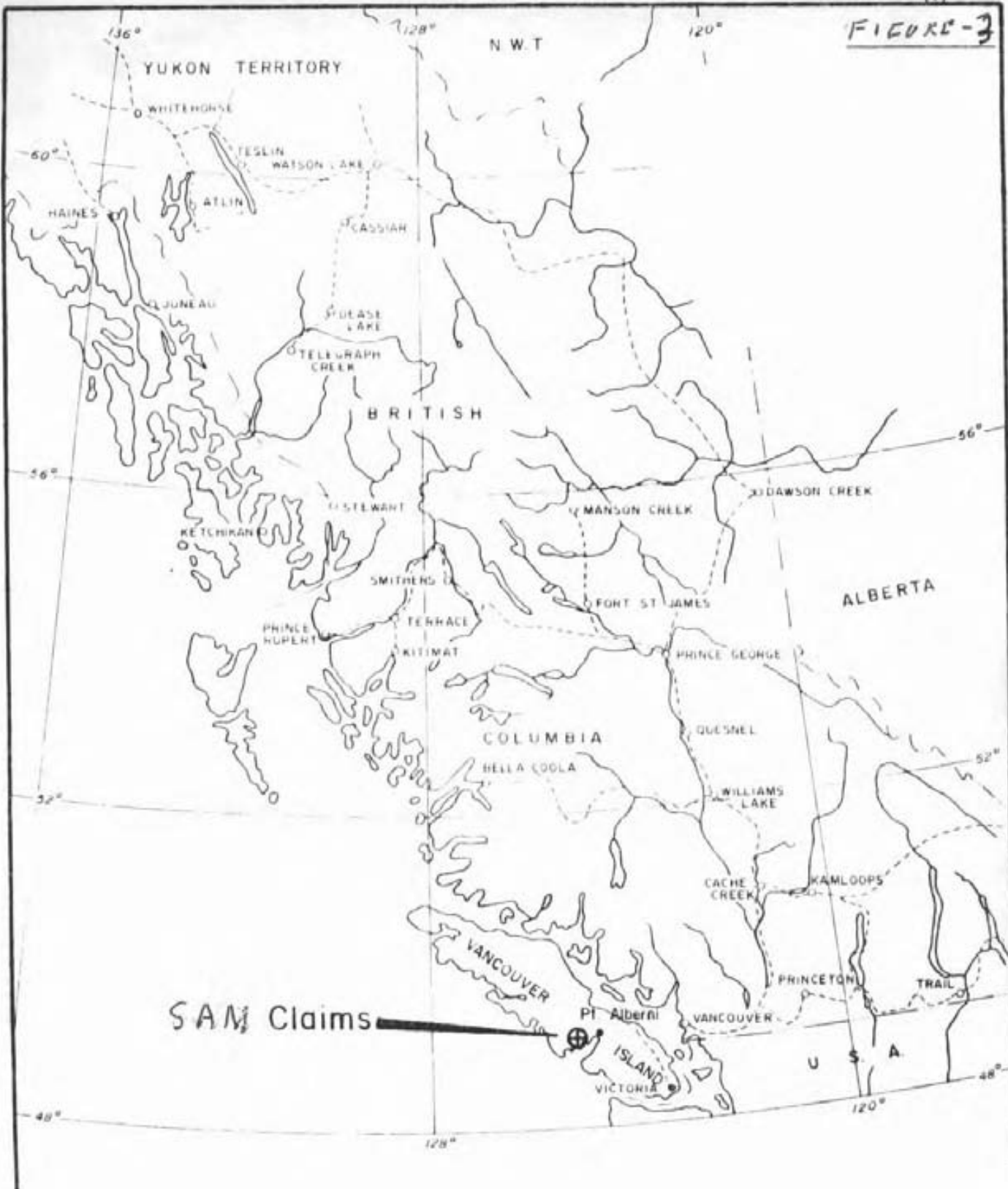
- LEGEND
- CROWN-GRANTED MINERAL CLAIM
 - REVERTED C.G. MINERAL CLAIM
 - FORFEITED MINERAL CLAIM
 - VERIFIED LEGAL CORNER POST
 - LEGAL SURVEY
 - LEGAL CORNER POST & TAG NUMBER QUAS

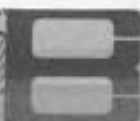
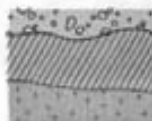


UNLESS VERIFIED
LEGAL CORNER POST IS
THEIR INFORMATION, AP
CONCERNED

DATE OF MICROFILM

MOWGL





REPORT: 424-2523

SAM M.C. 5 1-5

PROJECT: NONE GIVEN

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Ag OPT	NOTES
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R A-1		<0.002	<0.02	
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R A-2		<0.002	<0.02	
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BONDAR-CLEGG & COMPANY LTD.

130 PEMBERTON AVE., NORTH VANCOUVER, B.C. V7P 2R5 PHONE: 985-0681 TELEX: 04-352667

SEMI-QUANTITATIVE ANALYSIS

No: 424-2523

Sample No.: A-1 SAM 1-5 M.C.S

From: SWETZ

Method: XRF and E-SPEC

Date: Sept. 7 1984

No. of Elements: 35

Analyst: _____

TRACE ELEMENTS (%)	< .003	.003-.01	.01-.03	.03-0.1	0.1-0.3	0.3-1.0	1.0-3.0	3.0-10.0	> 10.0	REMARKS
Ag	X									
Cu		X								
Pb	X									
Zn	X									
Mo	X									
Fe								X		
W	X									
Ni	X									
Co	X									
Cr			X							
As		*								* < .01%
Sb	X									
Mn				X						
V			X							
Bi	X									
Sn	X									
Zr			X							
B	X									* > 0.2%
Ba				X						
Be	X									* > 0.1%
La	X									
Nb	X									
Sr			X							
Y	X									
Ce	X									
U	X									
Th	X									
MAJOR ELEMENTS (%)										
CaO							X			
MgO						X				
TiO ₂						X				* > 2%
Na ₂ O							X			* > 7%
K ₂ O							X			* < 0.6%
SiO ₂									X	* < 2%
Al ₂ O ₃								X		* < 0.2%
P ₂ O ₅						*				* < 0.4% * > 4.0%

* Not measured less than or above noted detection limits