

Aaron Mining Ltd. (N.P.L.)

HOLE NO. 4

Depth - 325 ft. Recovery = 94.6%
Bearing - ~~N44°E~~ N35° E Date started - April 27, 1974
Dip - -47° Date completed - May 1, 1974
Claim - D.S. #2 Date logged - 9 May 1974
Location - 22 ft. southwest of P.D.H. #6
Purpose of hole - To core drill for mineralization found in Percussion Drill Hole #6.

- 0 - 31.5 Dark green andesitic agglomerate . --- Most of the fragments are greenish in color and rounded to sub-rounded. Some fragments are slightly pinkish in color and porphyritic in appearance. The section is well mineralized with disseminated, small fracture fillings and blebs of pyrite.
At 18.5' a $\frac{1}{2}$ " fracture containing a grey brownish mineral (sphalerite?) with good chalcopyrite at 50° to core. A similar fracture occurs at 24.5'.
- 31.5 - 33.4 Broken rusty feldspar porphyry with disseminated pyrite.
- 33.4 - 48.0 Predominantly greenish colored porphyry with white to slightly pinkish feldspar phenocrysts --- within porphyry are some rounded fragments of green andesite. Pyrite is heavily disseminated throughout core.
At 25.0' Some rusty slips parallel to core
33.0' $\frac{1}{4}$ " fracture 35° core with sphalerite(?) and chalcopyrite
36.5' $\frac{1}{4}$ " fracture 35° to core with Zn and chalcopyrite
37.0' Two $\frac{1}{4}$ " fractures of Zn and chalcopyrite
45.0' $\frac{1}{4}$ " - $\frac{1}{2}$ " fracture of Zn and chalcopyrite
- 48.0 - 51.0 Light grey to pinkish porphyry --- contact with above section is gradual --- rock appears to have been broken and recemented giving a somewhat brecciated appearance.
At 48.0' $\frac{1}{2}$ " fracture 50° to core containing quartz, Zn and chalcopyrite
48.5 1" - 2" fracture 25° to core with quartz, heavy

chalcopyrite with some Zn

49.5' Good chalcopyrite and Zn

49.0' A 6" patch of granitic intrusive(?)

51.0 - 82.0 Rock appears to be a mixture of andesitic lava and pinkish porphyry and is tentatively classified as an andesitic agglomerate that has been intruded by numerous small fingers of porphyry. Alteration throughout section is moderate. Pyrite is uniformly disseminated throughout core.

82.0 - 85.0 Grey to greenish andesitic agglomerate.

85.0 - 124.0 Similar to section from 51.0 - 82.0'.

Color of rock depends on whether the core is predominately porphyry or agglomerate. Pyrite is still well distributed both as disseminations and blebs throughout the section.

At 97' $\frac{3}{4}$ " fracture at 50° to core filled with quartz, Zn and chalcopyrite

99.5' $\frac{1}{4}$ " fracture at 45° to core containing Zn and chalcopyrite

124 - 177

The contact with the previous section was arbitrarily placed at 124.0 as the rock now has a more agglomeratic look with numerous fragments and patches of greenish andesite, some of which are up to 1" in width. Pyrite is still heavy and well distributed throughout the section both as disseminations and as blebs up to $\frac{1}{2}$ " in width.

At 134 - 135' $\frac{1}{2}$ " fracture filled with calcite and blebs of chalcopyrite

138 - 143' A scattering of small calcite patches with associated chalcopyrite. Visible galena at 139.5'.

150' Minor chalcopyrite

193 - 198' A few patches of grayish colored andesite

177 - 254

Rock type similar to the above section. The section contains only a few coarse crystals of pyrite which were so numerous in the previous section. There also appears to be a decrease in the amount of disseminated pyrite except in the andesitic patches which are heavily pyritized.

At 205.5' Chalcopyrite

231.0' $\frac{1}{2}$ " fracture 50° to core with quartz, Zn and some chalcopyrite

237.0' $\frac{1}{2}$ " - $\frac{3}{4}$ " fracture 30° to core with quartz, Zn and chalcopyrite

C O R E R E C O V E R Y - D.H. #4

<u>FROM</u>	<u>TO</u>	<u>CORE LENGTH (Inches)</u>
0	8	48
8	17	104
17	27	118
27	37	120
37	42	58
42	47	60
47	57	118
57	62	59
62	67	55
67	72	58
72	77	58
77	82	60
82	87	57
87	97	120
97	102	60
102	107	56
107	117	119
117	127	120
127	137	120
137	147	120
147	157	119
157	167	119
167	177	118
177	187	119
187	197	119
197	207	119
207	217	120
217	227	120
227	235	95
235	245	118
245	255	119
255	265	120
265	275	118
275	285	120
285	295	119
295	305	120
305	325	<u>120</u>

$$3690'' = \frac{3690}{12} = 307.5 \text{ ft.}$$

$$\text{Recovery} - \frac{307.5}{325.0} \times 100 = 94.6\%$$

C. J. Recovery

254.0 - 255.0 Broken core --- possibly a minor fault.

255.0 - 325.0 Andesitic agglomerate similar to section 177.0 - 254.0 but with both greenish and brownish colored patches and fragments. The brown patches contain considerable disseminated pyrite. Between 261.0 - 280.0 are some widely scattered small calcite filled fractures. At 299.0 - 300.0' Vuggy fracture 45° to core containing quartz, calcite, pyrite and minor Zn

A study of the core suggests that the hole was collared near an intrusive porphyry contact with an andesitic agglomerate. Between 0 - 124 there are numerous patches of what appears to be a feldspar porphyry suggesting fingers of porphyry penetrating the agglomerate. From 124 ft. to the end of the hole, the rock is classified as an agglomerate containing rounded to sub-rounded andesite fragments and irregular patches. Many of the fragments contain heavily disseminated pyrite. Pyrite is the dominant sulphide varying between 5 - 10%.

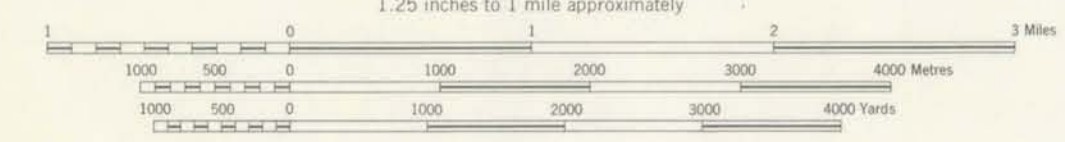
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HARRISON LAKE BRITISH COLUMBIA WEST OF SIXTH MERIDIAN

SCALE 1:50,000
1.25 inches to 1 mile approximately



CONTOUR INTERVAL 100 FEET
Elevations in Feet above Mean Sea Level
North American Datum 1927
Universal Transverse Mercator Projection

CONVERSION SCALE FOR ELEVATIONS
Copies may be obtained from the Map Distribution Office, Department of Mines and Technical Surveys, Ottawa.

GRID ZONE DESIGNATION	100,000 M. SQUARE IDENTIFICATION
10U	EK

TO ONE A REFERENCE TO NEAREST 100 METRES
EXAMPLE: CAMP COVE POINT

EASTING: Read number on grid line immediately to left of point
Estimate tenths of a square from this line eastward to point

NORTHING: Read number on grid line immediately below point
Estimate tenths of a square from this line northward to point

MILITARY GRID REFERENCE 847692
Nearest similar grid reference 100,000 metres (about 63 miles)

ONE THOUSAND METRE
UNIVERSAL TRANSVERSE MERCATOR GRID
ZONE 10

REFERENCE	SYMBOL
Roads: hard surface, all weather	—
hard surface, all weather	—
loose surface, all weather	—
loose surface, dry weather	—
winter, cart track	—
water road	—
trail or portage	—
Railways: normal gauge, multiple track	—
normal gauge, single track	—
narrow gauge, single track	—
abandoned or under construction	—
Bridges: road, railway	—
Boundaries: county or district	—
township surveyed; unsurveyed	—
municipality	—
park, reserve, etc.	—
section line with number	—
Lot number	—
Horizontal control point, with elevation	—
Bench mark, with elevation	—

REFERENCE	SYMBOL
Mine or Open cut	—
Building: Barn	—
Church	—
Built up area	—
Power transmission line	—
Stream: intermittent or dry	—
indefinite	—
Lake: intermittent, indefinite	—
Inundated land, seasonal	—
Marsh or Swamp	—
Foreshore flats	—
Wharf or Pier, Breakwater	—
Rocky reef	—
Small island, rock bare or awash	—
Contours: elevation	—
depression	—
approximate	—
Cliff	—
Cutting, Embankment	—
Forest	—

4977
M2

INDEX TO ADJOINING SHEETS		
92 G/9 STAVE RIVER	92 H/12 MOUNT UNQUHART	92 H/11 SPUZZUM
92 G/8 STAVE LAKE	92 H/5 HARRISON LAKE	92 H/6 HOPE
92 G/1 SUMAS	92 H/4 CHILLIWACK	92 H/3 SKAGIT

HARRISON LAKE
92 H/5 WEST
EDITION 1 ASE

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