

J. S. Cummings, Inc.

CC-8

386S, 747W
Dip - Vertical
Depth 231'

<u>From</u>	<u>To</u>	
0	5	<u>Overburden</u>
5	14	<u>Siliceous tuff</u> Massive, grey-green, fine grained and partially altered (sericite-chlorite) to a very fine grained, green with stringers of sulphide (5%) - pyrite and minor sphalerite.
14	43	<u>Welded rhyolite lapilli agglomerate</u> Partially interlocked fragments of quartz, altered feldspar, and fine grained lithic fragments (yellow-green to green) - chlorite-sericite alteration, very fine grained quartz-rich groundmass, 2% sulphide, pyrite and minor sphalerite in stringers. One 2' fine grained dacite layer. Rock is broken with one or more quartz veins, pyrite stringers, calcite, yellow-green to green alteration more pronounced along breaks.
43	47	<u>Siliceous tuff</u> 5% sulphide.
47	132	<u>Rhyolite breccia</u> Grey, fine grained, massive to weakly layered, occasionally lighter layers (1/20" to 3') fragmented with numerous stringers of quartz, calcite, sulphides (pyrite, sphalerite, trace chalcocopyrite and bornite) and a black mineral, especially along breaks. Sulphides may be in zones 1" to 4" massive (>50%) sulphide. The sulphide zones themselves are commonly broken and veined.

J. S. Cummings, Inc.

CC-8 (cont'd)

From To

There is no textural proof of whether the sulphides were deposited syngenetically and later fractured and/or mobilized, or are completely epigenic. The best sulphide section is 47-97' (13%) and from 97-132' the sulphides are 2-5%.

132 141

Rhyolite breccia

Grey, similar to 47-132 but lighter colored (more quartz). Occasional 1' layer of welded rhyolite lapilli agglomerate with quartz and lithic fragments in a quartz-rich groundmass.

141 151

Rhyolite breccia

Grey 2-5% sulphides (Py and Sph).

151 155

Rhyolite breccia

Light grey, with thin veins or laminae (?) of sulphide (2.5% Py and Sph).

155 168

Rhyolite breccia

Grey, 3% sulphides except 158-171, 10% sulphides.

168 212

Rhyolite breccia

Light grey, 2-5% sulphides, 185-191 10% sulphides Py and Sph.

212 231

Welded rhyolite lapilli agglomerate

2-5% sulphides (Py and Sph), welded quartz, angular

J. S. Cummings, Inc.

CC-8 (cont'd)

From To

to rounded lithic fragments and yellow-green altered feldspars.

Sulphides

5 - 47	2-5%
47 - 97	13%
97 - 231	2-5%

J. S. Cummings, Inc.

DDH CC-8 (Assays for Portion of Hole)

<u>DEPTH (FEET)</u> <u>FROM COLLAR</u>	<u>% Zn</u>	<u>% Cu</u>	<u>% Pb</u>	<u>Oz/Ag</u>	<u>Oz/Au</u>	<u>S</u>
47.0- 53.5	1.40	0.151	0.10	0.1	Trace	6.82
53.5- 59.0	Trace	0.056	None	0.1	None	0.21
59.0- 65.5	0.60	0.075	0.15	0.1	None	9.67
65.5- 70.6	1.70	0.037	0.10	0.1	None	2.97
70.6- 74.1	1.65	0.069	Trace	0.1	None	4.95
74.1- 79.2	0.60	0.025	Trace	None	None	2.92
79.2- 84.7	2.60	0.081	None	None	None	9.67
84.7- 87.2	1.70	0.044	None	None	None	5.60
87.2- 93.1	1.30	0.050	None	None	None	10.42
93.1- 97.0	0.85	0.075	Trace	0.1	None	5.08
127.7-132.3	1.10		0.25			3.06
140.3-149.3	1.10		0.10			4.15
158.2-167.0	0.65		0.20			4.14
167.0-172.0	0.60		None			7.58