J.S. Cummings Inc.

LITHOLOGIC LOG

C. Mattson

TCW

Project Spectacle Grid Hole no. SPL-8 Dip -45° Started 9/26/80 Elev.

Job no. 264.5 Township T10-R8 Coord. 86800N 16900E Direction West 291° Mag Completed 9/28/80

Lithotype

0' Overburden

23' Fragmental Andesite-Dacite - *

40' Felsic Fragmental - **

50'

63' Mixed Massive Greenish Rhyolite-Dacite and Fragmental andesite-dacite which shows andesite fragments and felsic matrix (vent breccia?).

100'

127' Massive-Greenish Rhyolite-Dacite and Fine grained, massive, greenish colored, minor calcite in veins.

150'

160' Mixed Massive Rhyolite and Dacite Fragmental - Similar section to 63'-127'. Also some lapilli fragmental with fuzzy fragments.

200'

205' Bottom of Hole

250'

Acid Test

Depth	Apparent ∢	Actual ∢
190'	53°	46°

300'

*Fragmental Andesite-Dacite - Highly weathered and broken, fragments dacite to basalt up to 3" in size, some smaller ones chloritized. Matrix cream colored and more felsic.

350'

**Felsic Fragmental - Some wavy layering visible, 40°-50° to core axis. Many quartz fragments visible, in sections seem to be floating in a chloritic matrix. Other sections wavy layering but silicified, weak sericite.

400'

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SULPHIDE LOG

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FROM	TO	INTERVAL	EST. % SULPHIDES	EST. METAL (Cu, Pb, Zn)	ALTERATION
23'	178'	155'	< 1%		Chlorite
178'	178.5'	0.5'	5%		Chlorite
178.5'	205'	26.5'	1%-2%		Chlorite
	Bottom of Hole				