E. Skeffington
T. Williamson

J.S. Cummings Inc.

LITHOLOGIC LOG

Project Caucomgomoc Hole no. CC-39 Dip Vertical Started 10/29/79 Elev. ____

Job no. 255 Township T7-R15 Coord. B 1600N 900W Direction ____ Completed 10/31/79

Lithotype

0' 6' 50' 88' 100' 148' 182' 200' 250' 270' 278' 284' 300' 350' 400'

Overburden

Mafic Tuff
Green, fine grained laminated (dominantly light green, a few dark green laminae) laminae 45-60° - core long axis
Red shale occurs from 81-81.5 (and in several inch section higher in the hole)

Siliceous Tuff, Locally Agglomeritic
Green-grey, fine to medium grained with fragments of rhyolite, quartz, red chert, quartz eyes, faint layers, good sericite alteration

Calcareous Shale
Grey, fine grained

Siliceous Tuff
Similar to 88' - 148'

Siliceous Agglomerate with good alteration

Bottom

Lithotype

400' 450' 500' 550' 600' 650' 700' 750' 800'

Calcareous Shale
Grey, fine grained, layered, tuffaceous (quartz eyes)

Basalt
Pink feldspar, magnetic
Similar to CC-9, 36, 38

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SULPHIDE LOG

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Project Caucomgomoc Hole no. CC-39 Dip Vertical Started 10/29/79 Elev. _____

Job no. 255 Township T7-R15 Coord. B 1600N 900W Direction _____ Completed 10/31/79

FROM	TO	INTERVAL	EST. % SULPHIDES	EST. METAL (Cu, Pb, Zn)	ALTERATION
6	88'	82'	<1%		
88	117'	33'	<1%	Fine grained dis. pyrite	Good sericite
117	121'	4'	<2%	Fine grained dis. pyrite	Good sericite
121	149	28'	<2%	Fine grained dis. pyrite	Good sericite
149	161'	12'	<2%		
161	176'	15'	±2% - 5%	Very fine grained dis. py	
176	202'	26'	<2%	Sphalerite specks 0.1%zn	Good sericite
202	268'	66'	<2%	Couple sph. spec. 0.1% zn	Good sericite
268	284'	16'	±1%	Fine grained dis. pyrite	
284	300'	16'	<1%	Fine grained dis. pyrite	Good sericite
300		Bottom			

J. S. Cummings, Inc.

DDH CC-39 - (Assays for Portion of Hole)

DEPTH (FEET) FROM COLLAR	% Zn	% Cu	% Pb	Oz/Ag	Oz/Au	S
88 - 98	None		None			0.36
118 - 128	None		None			0.90
148 - 158	Trace		None			0.99
158 - 168	0.10					1.47
168 - 174	0.55					1.78
174 - 180	0.05					1.13
180 - 190	0.30		None			1.47
190 - 200	0.30					1.24
200 - 210	0.15					1.15
210 - 220	Trace		None			0.40
220 - 230	Trace					0.40
230 - 240	0.10					0.44
240 - 250	0.10		None			0.71
250 - 260	Trace					0.39
260 - 270	Trace					0.86
270 - 278	Trace		None			0.80
278 - 284	Trace					0.58
284 - 294	Trace		None			0.89
294 - 300	None		None			1.38

Bottom of Hole: 300'