E. Skeffington
T. Williamson

J.S. Cummings Inc.

LITHOLOGIC LOG

Project Caucomgomoc Hole no. CC-36 Dip -60° Started 10/10/79 Elev. ____

Job no. 255 Township T7-R15 Coord. B 1600N 350W Direction S84°W Completed 10/17/79

Lithotype

0' 4'

Overburden

Rhyolite
Grey, fine grained, with sericite-calcite and fine pyrite in upper portion, Locally agglomeritic and locally a rhyolite breccia

50'

100'

200'

250'

266'

276'

Rhyolite-Dacite
Dark grey, fine grained, weak to moderately calcareous, Locally agglomeratic with fragments of quartz and rhyolite. Faint layering at 373' at very low angle to core long axis

300'

350'

400'

Lithotype

400'

Continued from 276'

426'

Dacite Tuff
Grey-green, fine grained, weak to moderately calcareous. Weakly laminated, 1' of grey shale with ovoids

450'

455'

BOTTOM

500'

550'

600'

650'

Basalt Dike
Weathered with pink feldspar and magnetite

700'

750'

800'

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SULPHIDE LOG

Project Caucomgomoc Hole no. CC-36 Dip -60° Started 10/10/79 Elev. _____

Job no. 255 Township T7-R15 Coord. B 1600N 350W Direction S84°W Completed 10/17/79

FROM	TO	INTERVAL	EST. % SULPHIDES	EST. METAL (Cu, Pb, Zn)	ALTERATION
0	4'		Overburden		
4	34'	30'	<2%	Fine gr. disseminated py	
34	49'	15'	<1%		
49	50'	1'	25 - 30%	Trace sphalerite	
50	82'	32'	<1%		
82	92'	10'	2%	Trace sphalerite	
92	102'	10'	2%	Trace sphalerite	
102	112'	10'	<2%		
112	122'	10'	<2%	±1% sphal.or ±0.4-0.6% Zn	
122	132'	10'	±2%	±0.2% to 0.4% Zn	
132	142'	10'	<2%	Trace sphalerite	
142	152'	10'	<1%		
152	162'	10'	<1%		
162	166'	4'	±5%	±1% sphal. or ±0.6% Zn	
166	176'	10'	±5%	±2% sphal. or ±1-1.5% Zn	
176	186'	10'	±5%	±3% sphal. or 1.8% Zn	
186	196'	10'	<2%	Fine grained stringers of sphalerite- +or- 0.5% Zn	
196	206'	10'	±1%	Fine grained stringers of sphal. ±.5-1.5% Zn	
206	216'	10'	±2%	Fine grained stringers of sphal. ±.8-1.2% Zn	
216	226'	10'	±1%	Fine grained stringers of sphal. ±.2-0.4% Zn	
226	236'	10'	±2 - 5%	±4% sphal or ±1.8-2.5% Zn	
236	266'	30'	<1%		
266	286'	20'	<1%	Trace	
286	296'	10'	±2%	1% sphalerite????	
296	300'	4'	<1%	Sphal.blebs ±1% or 0.5% Zn	
300	316'	16'	<1%		
316	326'	10'	±10% overall (all sul. lost 1')	±1% sphal. or .6% Zn	
326	336'	10'	±2 - 5%	±3% sphal. or ±1.8% Zn	
336	346'	10'	<1%	None	
346	356'	10'	±2%	±1-2% sphalerite 0.6-1.2% Zn	
356	366'	10'	±5%	±4% sphal. or ±2.0-2.4% Zn	
366	376'	10'	±5-7%	±5% sphal. or ±3.0% Zn	
376	386'	10'	<1%		
386	455'	69'	<1%		

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DDH CC-36 - (Assays for Portion of Hole)

DEPTH (FEET) FROM COLLAR	% Zn	% Cu	% Pb	Oz/Ag	Oz/Au	S
4 - 11	None					0.43
11 - 21	None					0.70
21 - 31	None					0.97
31 - 41	None					0.61
41 - 51	Trace					5.15
51 - 61	None					1.08
61 - 71	None					0.71
71 - 81	None					0.70
81 - 91	None					0.87
91 - 101	None					0.67
101 - 111	Trace					0.62
111 - 121	0.05		None			0.62
121 - 131	Trace					0.98
131 - 141	None					0.46
141 - 151	None					0.41
151 - 161	None					0.18
161 - 171	None		None			0.66
171 - 181	0.10		0.10			1.68
181 - 191	Trace		None			0.41
191 - 201	Trace					0.29
201 - 211	None					0.08
211 - 221	Trace					0.53
221 - 231	0.20		None			1.29
231 - 241	None					0.01
241 - 251	None					0.16
251 - 261	Trace					0.05
261 - 271	None					None
271 - 281	None					Trace
281 - 291	0.75		None			0.59
291 - 301	0.05		None			0.26
301 - 311	None					None
311 - 321	None					0.02
321 - 331	0.95		None			1.96
331 - 341	None					0.21
341 - 351	0.60					0.59
351 - 359	None		None			0.31
359 - 371	1.65		None			2.08
371 - 381	Trace		None			0.15

Bottom of Hole: 455'