DRILL HOLE LOG

Hole No. V-6

COORDINATES 700 W, 180 N.
ELEVATION
DIP 50° SW
AZIMUTH 228°
SCALE 1" = 10'

CORE SIZE AQ
HOLE STARTED 16 August, 1974
HOLE COMPLETED 23 August, 1974
LOGGED BY R. CATHRO
FINAL DEPTH - 353'

FOOTAGE	DESCRIPTION	DIP
0'	AX casing to 9.0'	
-7'		
10	SHALE (7'-21') - dark grey, strongly foliated at 90° to core	
3'	15'-18' - quartzitic	
20		
-21'		
7'	QUARTZITE (21'-102') - white to light grey, strongly foliated on 1/4" to 3/4" spaced shaley partings	
30		
4'		
40		
3'		
50		
2'		

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FOOTAGE	DESCRIPTION	DIP
3'		
70 -	70' - foliation at 85° to core	
4.5'		
-77'	77'-87' - Iron formation - 30 to 60 % finely disseminated magnetite and minor pyrite in quartzite. Mineralization occurs in concentrations parallel to foliation. Foliation flattens to 75° at 80'	
80 -		
7'		
-87'		
90 -	90' - foliation at 90° to core	
4'		
100 -		
1'	102'-132.3' - strong fault zone, angular silica cemented quartzite breccia to 122', remainder graphitic gouge with 15 % well rounded quartz fragments.	
110 -		
2'		

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FOOTAGE | DESCRIPTION | DIP

4'
130 -
4'
140 -
4'
150 -
2'
160 -
0.5'
170 -
3.0'

MINERALIZED CHLORITIC SCHIST (132.6' to 173.0') - soft, talcose, well foliated at 80° to 90° to core. Contains minor narrow quartz lenses or boudins. Minor chalcopyrite and sphalerite occur as fine disseminations in narrow bands (1/8" ±) following foliation. Two inches of core at 132.3' contain 20% chalcopyrite and 2% sphalerite in a siliceous matrix. Core assays as follows —

SAMPLE NO.	INTERVAL	CORE REC'D (%)	% Cu	% Zn	oz/ton Ag	oz/ton Au
426	? to 132'6"	2" (?)	8.0	1.14	2.18	TR
427	132'6" - 138.0'	22" (33)	0.33	0.03	NA	NA
428	138.0" - 142'6"	32" (59)	0.14	0.03	NA	NA
429	142'6" - 148.0'	13" (20)	0.23	0.54	NA	NA

148.0 to 163.0 (recovered 38") - traces of sphalerite only, not assayed.

163.0 to 173.0 - no core recovered.

SERICITE, QUARTZ, TALC SCHIST (173' - 235') - soft, light coloured, well foliated. About 5% thin bands quartz parallel to foliation. Foliation angle 90° to core

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FOOTAGE	DESCRIPTION	DIP
180		
5.0'		
190		
7.0'		
200		
3.0'		
210		
1.0'		
220		
5.0'		
230		
3.0'		
233		

CHLORITIC SCHIST (235'-253') - soft, talcose, well foliated at 90° to core

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Hole No
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FOOTAGE		DESCRIPTION	DIP
240			
		241' - 3" shattered vitreous white quartz.	
2.10'			
		244' - possible fault, sandy-clay gouge	
250			
		QUARTZ, SERICITE SCHIST (253'- 343') - soft, talcose, very broken. Foliation at 90° to core	
0.5'			
260			
0'			
		- poor recovery appears to be due to soft bedrock rather than faulting	
270			
0'			
280			
2.10'			
290			
2.0'			

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FOOTAGE	DESCRIPTION	DIP
300		
0'		
310		
0'		
320		
0'		
330		
0'		
340		
	SHALE (343'-353') - dark grey, strongly foliated at 90° to core.	
1.0'		
350		
1.0'		
353		
END		

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FOOTAGE | DESCRIPTION | DIP

sludge samples were collected from 68' to 353'. These were assayed geochemically at Chemex Labs. Ltd., North Vancouver, B.C., by atomic absorption spectometry of a nitric-perchloric digestion of a -80 mesh fraction from a pulverized split. Values in parts-per-million (ppm) are as follows.

SAMPLE No.	INTERVAL (ft)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)
390	68 - 76	363	10	169	< 0.5
391	76 - 89	355	6	140	< 0.5
392	89 - 102	385	88	700	< 0.5
393	102 - 112	190	387	1220	0.5
394	112 - 117	190	46	466	< 0.5
1275	117 - 126	122	56	1644	< 0.5
395	126 - 148	1600	835	3880	2.5
396	148 - 163	295	180	1148	0.5
397	163 - 173	220	172	1388	< 0.5
398	173 - 193	275	680	1704	0.5
399	193 - 222	310	200	552	0.5
400	222 - 300	136	54	550	< 0.5
1273	300 - 320	112	36	450	< 0.5
1274	320 - 353	86	50	482	< 0.5