

DIAMOND DRILL HOLE RECORD

DRILLED BY: Arctic Diamond Drilling Ltd.
 HOLE NUMBER: M-77-3 LENGTH: 118.9 m
 LOCATION: Mat Creek - MAT 4 DIP: - 60°E
 LATITUDE: 2800S DEPARTURE: 700E
 ELEVATION: Grid 270°
 HOLE STARTED: Sept.11/77 HOLE COMPLETED: Sept.12/77

ACID &/OR TRO-PARI TESTS					
FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

SHEET No.1 OF: 2
 HOLE NUMBER: M-77-3
 PROPERTY: MAT
 ACCOUNT No.: 328-03-16
 CORE SIZE: BQ Wireline
 % CORE RECOVERY: 90
 LOGGED BY: F.M. Smith

INTERVALS (METRES)				DESCRIPTION	SAMPLE						ASSAYS			
FROM	TO	WIDTH	RCVRY		NUMBER	% SULFIDES	FOOTAGE				Pb	Zn	Ag	
0.0	1.9	1.9	0	OVERBURDEN							ppm	ppm	ppm	
1.9	8.5	6.6		5c Graphitic argillaceous phyllite, iron stain, banding normal to 60° to diamond drill hole, pyrite chert blebs ubiquitous		2-5								
							10.1				29	182	1.8	
6.6	73.8	67.2	95%	5b4 Talc, grey white siliceous rhyolite (tuff?) with thin lamellae of green (andesitic) tuff intercalated. Banding parallel to normal to diamond drill hole, much folding of beds. Graded and truncated bedding at 10.2 m becoming graphitic 23.4-33.7			18.0				73	96	1.6	
							41.4				184	1050	3.7	
33.7	42.5			Graphitic rich unit of above with 5-10% pyrite angle 80°.	3956		39.4	40.4	1.0	95%	0.01%	0.22%	0.62	ppm
					3957		46.3	47.3			0.01%	0.08%	0.31	ppm
73.8	84.8	11.0		5b4Z Graphitic rich rhyolitic, cherty, pyrite broken ground often-muddy seams occasionally garnet zones 76.3-76.4, 83.6-84.1 angle 65-90°			50.7				220	940	1.4	
					3958		73.8	75.3			0.01%	0.02%	2.2	ppm
							73.9				66	1160	1.4	
							83.6				90	192	1.3	
84.8	103.1			5b4 Talcose rhyolitic zone with variable 5b4Z zones heavily folded 11 - 90° predominantly 60° 5b4V			94.7				163	330	1.4	

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SHEET NUMBER 2 OF 2

[illegible]