



# DIAMOND DRILL HOLE RECORD

DRILLED BY: Arctic Diamond Drilling  
 HOLE NUMBER: M-77-1 LENGTH: 155.8 m  
 LOCATION: Mat Creek DIP: -45°  
 LATITUDE: 2810S DEPARTURE: 850E  
 ELEVATION: AZIMUTH: 90°  
 HOLE STARTED: Sept. 2/77 HOLE COMPLETED: Sept. 7/77

## ACID &/OR TRO-PARI TESTS

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

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

INTERVALS METRES				UNIT	DESCRIPTION	SAMPLE				ASSAYS			
FROM	TO	WIDTH	RCVRY			NUMBER	% SULFIDES	FOOTAGE					
								FROM	TO	WIDTH	RCVRY		
0	9.8	9.8	0		Overburden								
9.8	11.3	1.5	100%	5b4	Talcosse green brecciated pyritic rhyolite? minor quartz veining calcite veins.		5						
11.3	12.5	1.2	10%	5b4Z	Muddy, quartz lean graphite zone. 43° angle to core at top 1.2 m in part as above.								
12.5	16.0	3.5	20%	5b4Z	Rubble of siliceous graphitic unit as above and below. Minor green talcosse rhyolitic unit.								
16.0	94.2				Major graphite/quartz unit with minor lentils as below unit +10 graphite throughout becoming predominantly graphite with calcite lentils plus minor talcosse rhyolite shards, lentils and blebs. Foliation parallel to 45° to diamond drill hole but predominantly 48°, pyrite nil to 1%.								
27.1	27.2				Grey green lapilli rhyolite.								
31.3	31.5				Quartz vein								
33.5	34.5		80%		Siliceous talcosse rhyolite.								
34.8	36.0		90%		Siliceous talcosse pyritic rhyolites.		10						
49.1	49.7				Siliceous talcosse pyritic rhyolites.		5						

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SHEET NUMBER 3 OF 3

[illegible]