

DIAMOND DRILL CORE RECORD

349  
047

Hole No. D.D.H. 36  
 Drilled by ASSOCIATED DRILLERS  
 Core Recovery 1369' = 95%  
 Geological Logging by—  
 T. Hughes and M. Edyvean

Area of Operation SAVAGE RIVER  
 Location of Site On topographical contour 1143', 378 feet south of position 400 feet east, on geophysical traverse E2A.  
 Date Commenced 28th October, 1966  
 Date Completed 18th April, 1967

Reduced Level of Site 1143' 33 046  
 Bearing of Hole 300° (Magnetic Reading)  
 Collar 79° : 200' = 78.5° : 300' = 74.5° : 400' = 71.5°  
 Dip of Hole 500' = 67° : 600' = 65.5° : 700' = 61.5° : 800' = 57.5°  
 850' = 56.25° : 950' = 55.0° : 1050' = 54.0° : 1150' = 52.5°  
 Bore Depth 1441' (1250' = 51.5° : 1400' = 47° : 1441' = 43.5°)

AM6 Co-ords: 335363E 5407800N.

Ref No 2065

DRILL RECORD				GEOLOGICAL LOG			GEOLOGICAL SECTION		ASSAY RESULTS									
Date	From	To	Core Recov.	From	To	Description	Core	Sample	Sample No.	From	To							
28/10/66				0	2	<u>SURFACE SAMPLE</u> Ironstone scree												
31/10/66	2	15	-			Angular fragments 1/4" - 2" across.												
1/11	15	30	12															
2/11	30	60	28	2	25	<u>AMPHIBOLITE</u> - extremely weathered												
3/11	60	85	23			and in clay form												
4/11	85	103	17															
8/11	103	116	12	25	64.0	<u>AMPHIBOLITE</u> - weathered, with												
9/11	116	135	19			some clay and also calcite												
10/11	135	153	13			fragments. Shearing in places at												
11/11	153	203	50			± 75° to "c" axis of core.												
14/11	203	250	47															
15/11	250	295	45	64	91	At 64' = 1' clay → FAULT, followed												
16/11	295	306	11			by 26' slightly weathered fine												
17/11	306	355	49			grained <u>AMPHIBOLITE</u> with some												
18/11	355	389	34			clay and occasional calcite fragments.												
19/11	389	406	17															
21/11	406	439	33	91	105	Slightly weathered friable, sheared												
22/11	439	474	35			<u>AMPHIBOLITE</u> and minor clay.												
23/11	474	519	45															
24/11	519	537	18	105	109	<u>AMPHIBOLITE</u> - sheared and fine												
25/11	537	539	2			grained												
28/11	539	572	33															
29/11	572	616	44	109	112	<u>AMPHIBOLITE</u> - sheared and friable												
30/11	616	648	32			plus clay. SHEAR ZONE?												
1/12	648	655	7															
2/12	655	658	3	112	130	<u>AMPHIBOLITE</u> - fine grained and sheared												
3/12	658	668	10			in places (65°) Pyrite present.												

Core held Plant Room M







353  
Q43

33 050

DRILL RECORD				GEOLOGICAL LOG			GEOLOGICAL SECTION		ASSAY RESULTS									
Date	From	To	Core Recov.	From	To	Description	Core	Sample	Sample No.	From	To	Hcl Sol Fe	Cu	V	Ni %	Ti %	P %	S %
				979'6	992	MAGNETITE - with some serpentine and pyrite				974'6								
				992	1005	MAGNETITE - with talc, serpentine, pyrite			670834	992	1005	43.99%	Tr.	0.14	0.01	1.34	0.04	0.22
				1005	1039	AMPHIBOLITE - fine grained, sheared (60°) altering to serpentine												
				1039	1062	MAGNETITE - hard, with some serpentine and pyrite			670835	1039	1059	38.39%						
				1062	1063	AMPHIBOLITE - fine grained, sheared							Tr	0.12	0.01	1.22	0.02	0.39
				1063	1079	MAGNETITE - hard, massive, some serpentine and talc			670836	1059	1079	42.78%						
				1079	1143	MAGNETITE - with altered amphibolite & pyrite			670837	1079	1099	18.14%	0.01	0.12	Tr	0.44	0.10	1.94
									670838	1099	1119	14.99%						
				1143	1147	MAGNETITE & AMPHIBOLITE - fine grained sheared			670839	1119	1143	23.01%						
										1143	1163	50.65%						
				1147	1180	MAGNETITE - some serpentine and talc				1163	1183	44.31%						
										1183	1203	57.46%	Tr	0.30	0.03	1.60	0.52	0.01
				1180	1183	SERPENTINE - Some magnetite				1203	1223	54.45%						
										1223	1239	55.52%						
				1183	1203	MAGNETITE - massive, with little serpentine and pyrite												
				1203	1239	As above												
				1240	1244	MAGNETITE - with pyrite in serpentine			671023	1240	1261'3	53.90%						
				1244	1249	MAGNETITE & SERPENTINE - altering to talc												
				1249	1251'6	MAGNETITE - in serpentine and talc			671027	1240	1304				0.03	1.17	0.15	1.45
				1251'6	1252'6	SERPENTINE & TALC - with magnetite blebs												

1143 - 1274  
750' FE



