

## DIAMOND DRILL CORE RECORD

719 Q43

Hole No. 245  
 Drilled by GLINDEMANN & KITCHING  
 Core Recovery 68%  
 Geological Logging by —  
T. MUNRO

Area of Operation SAVAGE RIVER, TAS.  
 Location of Site 23261 N ; 21062 E  
 Date Commenced 12 - 9 - 1966  
 Date Completed 19 - 9 - 1966

Reduced Level of Site 1075.4  
 Bearing of Hole 90°  
 Dip of Hole 0° 120° 240°  
-45° -45° -46° 30'  
 Bore Depth 301.0 42 193

A 22375

AMG Co-ords: 351219E 5405290N.

Reg No 2141.

DRILL RECORD				GEOLOGICAL LOG			GEOLOGICAL SECTION		ASSAY RESULTS <i>No. Core held.</i>									
Date	From	To	Core Recov.	From	To	Description	Core	Sample	Sample No.	From Ft.	To Ft.	CRUDE %Fe %S	CONCENTRATE -325 Mesh					
									From Ft.	To Ft.		%Fe	%SiO <sub>2</sub>	%Ni	%TiO <sub>2</sub>	%V		
12/9	0.0	17.0	13.4	0.0	10.0	OVERBURDEN			10	26	65.52	0.96	27.53	69.18	0.14	0.038	0.16	0.57
13/9	17.0	18.0	1.0			Ironstone scree.			26	43	65.31	0.96	27.93	69.18	0.15	0.028	0.13	0.49
14/9	18.0	75.7	47.6	10.0	43.0	MAGNETITE (RICH)			43	49	(Amphibole)							
15/9	75.7	140.0	32.9			Fairly fine-grained, quite to moderately			49	63	57.02	3.28	68.27	69.83	0.53	0.054	0.10	0.44
16/9	140.0	237.8	74.1			oxidised, massive, with fair amounts of			63	77	58.58	3.84	77.20	69.34	0.42	0.028	0.17	0.44
17/9	237.8	277.5	23.4			hematite and minor pyrite and clay. Many			77	90	59.56	4.00	78.73	69.67	0.41	0.041	0.23	0.45
19/9	277.5	301.0	12.0			elongated voids aligned along foliation			90	140	(Amphibole)							
	END OF HOLE					(Delta Angle = 40°). Moderately to weakly			140	155	41.43	4.86	50.30	69.99	0.71	0.047	0.20	0.44
				43.0	49.0	AMPHIBOLITE			155	171	43.73	3.20	58.00	68.20	1.35	0.049	0.14	0.40
						Brown to green decomposed plastic clay.			171	175	(Amphibole)							
						contacts sharp.			175	194	57.95	4.88	74.13	69.41	0.64	0.034	0.17	0.52
				49.0	90.0	MAGNETITE (RICH)			194	213	56.81	4.75	72.78	69.97	0.57	0.044	0.21	0.50
						Fairly fine-grained, fairly massive except			213	232	57.62	4.22	72.49	70.54	0.68	0.027	0.24	0.48
						for minor decomposed clayey zones with			232	265	(Amphibole)							
						moderate pyrite in thin blebs and stringers			265	275	41.12	4.88	50.42	69.16	1.50	0.063	0.30	0.42
						(Delta Angle = 70°) slightly oxidised,			275	301	(Amphibole)							
						disaggregated in minor patches with												
				90.0	140.0	AMPHIBOLITE												
						limonite and clay on fracture planes.												
						From 90.0 to 110.0 medium grained, broken,												
						with clay zones and hematite on fracture												
						planes.												
						From 110.0 to 112.8 rich magnetite - slightly												
						oxidised with moderate talc and pyrite.												
						From 112.8 to 140.0 amphibolite is fairly												

## LEGEND

RICH	> 55%Fe	MEDIUM LEAN	> 22%Fe
MEDIUM RICH	> 44%Fe	LEAN	> 11%Fe
MEDIUM	> 33%Fe	AMPHIBOLITE	< 11%Fe
		ZONE OF OXIDATION	

