

DIAMOND DRILL CORE RECORD

652  
 943

Hole No. 223  
 Drilled by ASSOCIATED DIAMOND DRILLERS  
 Core Recovery 63%  
 Geological Logging by —  
D. J. PERKIN

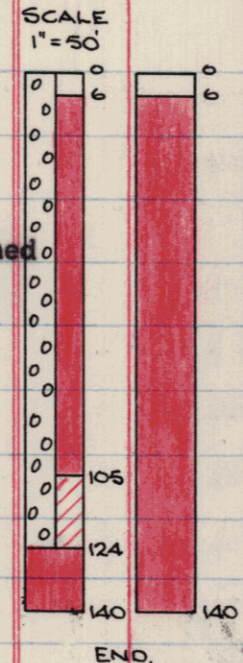
Area of Operation SAVAGE RIVER, Tas.  
 Location of Site 187°E ALONG TRAV. 880; 42°S  
 Date Commenced 7-9-1965  
 Date Completed 13-9-1965  
 COORDINATES 23,716 N; 21,496 E

Reduced Level of Site 1065.9  
 Bearing of Hole 270°  
 Dip of Hole 0° 110°  
-45° -45°30'  
 Bore Depth 140'

AMG Co-ords: 351350E 5405427N.

Ref No 2119. 42 104

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	CRUDE	CONCENTRATE (-325 Mesh)				
1965									From Ft.	To Ft.	%Fe	Recovery	%Fe	%SiO <sub>2</sub>	%Ni	%TiO <sub>2</sub>
7/9	0.0	9.0	2.4	0.0	6.0	<u>OVERBURDEN.</u>			0	6	Overburden					
8/9	9.0	36.0	24.0			Ironstone boulders and scree.			6	23	68.08	65.80	70.18	<0.5	0.019	0.078
9/9	36.0	80.0	30.5	6.0	105.0	<u>MAGNETITE (RICH)</u>			23	36	66.13	35.27	69.86	<0.5	0.010	0.082
10/9	80.0	116.0	19.4			From 6.0 to 23.0, fine to medium - grained			36	54	67.75	69.08	70.18	<0.5	0.020	0.084
11/9	116.0	126.0	1.8			massive with a pitted surface moderately			54	71	66.21	76.90	69.86	<0.5	0.011	0.081
13/9	126.0	140.0	10.2			oxidised with moderate amounts of hematite			71	88	63.86	76.47	69.62	<0.5	0.020	0.100
						and minor limonite and goethite throughout.			88	105	66.94	82.70	69.94	<0.5	0.017	0.120
						Limonite and clay minerals along fracture			105	124	65.32	73.34	69.62	<0.5	0.018	0.080
						planes. Occasional clay minerals and			124	140	61.27	70.92	70.51	0.74	0.019	0.135
						unoxidised tremolite-actinolite in massive										
						zones from 9.0 - 23.0.										
						From 23.0 to 36.0, weakly magnetic, fine										
						to medium - grained, massive with a fairly										
						pitted surface, fairly oxidised with fair										
						amounts of hematite and moderate limonite and										
						goethite disseminated throughout together										
						with occasional clay minerals. Clay and										
						limonite on fracture planes.										
						From 36.0 to 105.0, fine to medium-grained,										
						massive with a pitted surface, moderately to										
						strongly magnetic, moderately oxidised with										
						moderate amounts of hematite and minor										
						limonite, goethite and clay minerals										
						disseminated throughout. Fairly broken										
						zones with moderate amounts of clayey oxidised										
						tremolite - actinolite minerals 36.0 - 38.0,										



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

