

DIAMOND DRILL CORE RECORD

Hole No. ....  
 Drilled by **ASSOCIATED DIAMOND DRILLERS**  
 Core Recovery **53%**  
 Geological Logging by —  
**D. J. PERKIN**

Area of Operation **SAVAGE RIVER, TAS.**  
 Location of Site **103' E ALONG TRAV. B800; 52'S**  
 Date Commenced **16-12-1965**  
 Date Completed **31-12-1965**  
 COORDINATES: **24,160N ; 21,104 E**

Reduced Level of Site **1034.5**  
 Bearing of Hole **270°**  
 Dip of Hole **0°** **180°**  
**-45°** **-45°**  
 Bore Depth **203'** **42 148**

AMG Co-ords: 351230 E 5405564 N.

Ref No 2130

DRILL RECORD				GEOLOGICAL LOG		GEOLOGICAL SECTION		ASSAY RESULTS <i>No Core held.</i>								
1965	From	To	Core Recov.	From	To	Description	Core	Sample	Sample No.	From To Ft.	CRUDE	CONCENTRATE (-325 Mesh)				
											%Fe	Recovery	%Fe	%SiO <sub>2</sub>	%Al	%TiO <sub>2</sub>
16/12	0.0	45.0	20.6	0.0	7.0	<u>OVERBURDEN</u>			0	7	Overburden					
17/12	45.0	91.0	31.2			Amphibolite clay and iron ore scree.			7	13	(Amph)					
18/12	91.0	129.0	29.2	7.0	13.0	<u>AMPHIBOLITE CLAY</u>			13	27	61.99	23.30	68.14	0.60	0.037	0.175
19/12	129.0	145.0	5.7			Fairly fine grained, fairly massive, fairly			27	45	51.93	51.00	67.78	0.57	0.025	0.150
20/12	145.0	160.0	5.0			oxidised, brown in colour. Fairly soft			45	58	63.39	77.97	69.89	<0.5	0.031	0.150
21/12	160.0	164.0	1.2			broken zone 10.0 - 13.0. Oxidised magnetite			58	77	55.75	70.34	70.62	<0.5	0.045	0.205
23/12	164.0	166.0	0.2			zone occurs 12.0 - 12.2. Amphibolite was			77	96	55.35	70.70	70.14	<0.5	0.045	0.215
29/12	166.0	169.2	0.1			moderately altered originally. Oxidised			96	107	(Amph)					
30/12	169.2	193.0	10.6			hematite film along fracture planes.			107	119	54.61	71.24	71.11	<0.5	0.035	0.340
31/12	193.0	203.0	2.9	13.0	45.0	<u>MAGNETITE (MEDIUM)</u>			119	134	60.63	80.24	71.52	<0.5	0.025	0.390
	<u>END OF HOLE.</u>					Zones of fine-medium grained			134	145	48.76	60.63	70.71	<0.5	0.053	0.460
						magnetite alternate with zones of fine			145	166	(Amph)					
						grained amphibolite. Magnetite is massive			166	195	Schist					
						with a pitted surface, quite to moderately			195	203	36.90	33.40	70.38	1.30	0.077	0.487
						oxidised with fair amounts of hematite and			203							
						minor goethite and limonite throughout.										
						Amphibolite clay is fairly oxidised,										
						yellow-brown in colour. Moderately broken										
						in places. Magnetite zones occur 13.0 -										
						23.0, 27.0 - 32.0, 35.0 - 35.4, 43.0 - 45.0.										
				45.0	96.0	<u>MAGNETITE (RICH)</u>										
						From 45.0 to 58.5, magnetite is massive										
						with moderate amounts of hematite and limonite										
						and oxidised tremolite - actinolite										
						disseminated throughout. Moderately sheared										
						and broken oxidised amphibolite zone 57.8 -										

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



