

DIAMOND DRILL CORE RECORD

839 043

Hole No. 218  
 Drilled by ASSOCIATED DIAMOND DRILLERS  
 Core Recovery 56.4%  
 Geological Logging by —  
 D. J. PERKIN

Area of Operation SAVAGE RIVER, Tasmania  
 Location of Site 263' W. ALONG TRAV. 500S, 45'S  
 Date Commenced 6 - 8 - 65  
 Date Completed 12 - 8 - 65  
 Co-ordinates 22,270N / 20,559E.

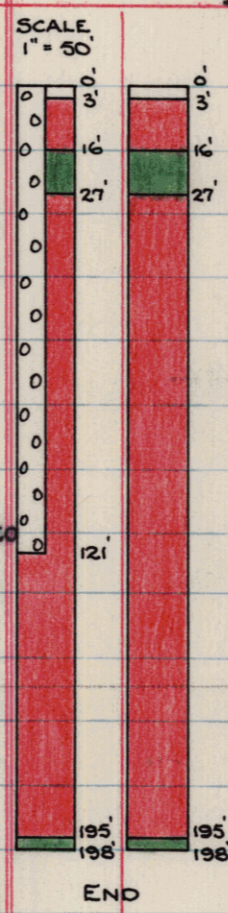
Reduced Level of Site 947.4  
 Bearing of Hole 90°  
 Dip of Hole 45° 0' 170° 43' 30"  
 Bore Depth 198'

42 086

AMG Co-ords: 351069E 5404990N.

Reg No 2114

DRILL RECORD				GEOLOGICAL LOG		GEOLOGICAL SECTION		CRUDE		ASSAY RESULTS					
Date 1965	From	To	Core Recov.	From	To	Description	Core	Sample	Sample No. From Ft. To Ft.	% Fe	Wt. Recovery	% Fe	% SiO2	% Ni	% TiO2
6/8	0.0	16.0	13.3	0.0	3.0	OVERBURDEN, ironstone scree and clay.			0 3 (Overburden)						
7/8	16.0	51.0	27.8			MAGNETITE (RICH), fairly fine grain,			3 16 64.02 5.27						
9/8	51.0	89.0	19.2	3.0	16.0	massive with a quite pitted surface, quite			16 27 (Amph)						
10/8	89.0	114.0	12.5			oxidised with fair amounts of hematite and			27 47 64.18 19.67 69.76				0.046	0.150	
11/8	114.0	159.0	18.9			moderate amounts of limonite and goethite.			47 67 64.83 41.60 68.95				0.039	0.195	
12/8	159.0	198.0	20.1			Extremely weakly magnetic. Limonite and			67 87 61.18 15.00 68.23				0.037	0.175	
						clay along fracture planes.			87 107 64.34 14.20 69.03				0.063	0.080	
				16.0	27.0	AMPHIBOLITE, fine grained, quite oxidised to			107 121 65.07 72.60 68.95				0.075	0.095	
						form a yellow - brown clay, massive and			121 141 63.69 83.43 70.57				0.035	0.066	
						slightly altered with minor oxidised			141 161 58.35 69.65 70.41				0.047	0.100	
						hematite veinlets throughout. - Minor			161 181 62.16 78.40 70.90				0.043	0.073	
						oxidised magnetite zone 25.6 - 261.			181 195 64.66 83.53 71.22				0.031	0.070	
				27.0	195.0	MAGNETITE (RICH); from 27.0 to 121.0,			195 198 (Amph)						
						magnetite is fairly fine grained, massive									
						with a pitted surface, fairly oxidised									
						with fair amounts of hematite and minor									
						limonite and goethite throughout. Minor									
						pyrite throughout from 59.0 - 121.0.									
						- Weakly magnetic. - Clay and limonite									
						along fracture planes.									
						From 121.0 to 195.0, magnetite is									
						fine - medium grained, unoxidised, massive									
						with occasional voids throughout. - Moderate									
						amounts of pyrite and minor tremolite -									
						actinolite and occasional carbonate minerals									
						disseminated throughout with a tendency to									
						alignment (Delta Angle = 30 - 45). -									



LEGEND			
RICH	> 55% Fe	(Red)	MEDIUM LEAN > 22% Fe
MEDIUM RICH	> 44% Fe	(Light Red)	LEAN > 11% Fe
MEDIUM	> 33% Fe	(Green)	AMPHIBOLITE < 11% Fe
		(Dotted)	ZONE OF OXIDATION

DRILL RECORD				GEOLOGICAL LOG			GEOLOGICAL SECTION		ASSAY RESULTS													
Date	From	To	Core Recov.	From	To	Description	Core	Sample	Sample No.	From	To											
				27.0	195.0	* Minor "puggy" green clay zone 168.8 *																
				(Continued)		169.0.																
				195.0	198.0	AMPHIBOLITE, fine grained, very soft and clayey, green in colour, * Minor hard zone 196.0 * 196.4. * Minor carbonate vein at 196.7.																
						END OF HOLE.																

42 087