

636 Q47

# DIAMOND DRILL CORE RECORD

Hole No. 217  
 Drilled by ASSOCIATED DIAMOND DRILLERS  
 Core Recovery 70.9%  
 Geological Logging by —  
D. J. PERKIN

Area of Operation SAVAGE RIVER, Tasmania  
 Location of Site 146°W ALONG TRAV. 500S; 48°S  
 Date Commenced 27 - 7 - 65  
 Date Completed 4 - 8 - 65

Reduced Level of Site 973.6  
 Bearing of Hole 90°  
 Dip of Hole 0° 45° 150° 46°  
 Bore Depth 171'

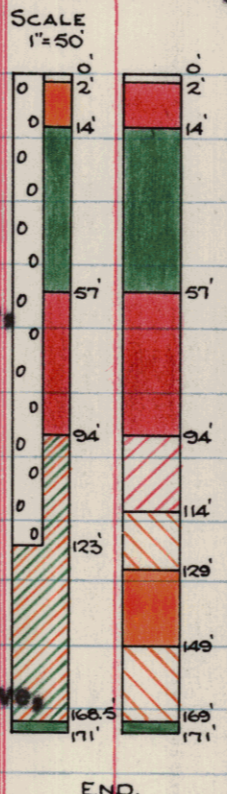
AMG Co-ords: 351096E 5404990 N.

MINE COORDS 22268N 20652E

Ref No 2113.

42 082

DRILL RECORD				GEOLOGICAL LOG		GEOLOGICAL SECTION		ASSAY RESULTS <i>No Core held.</i>									
Date 1965	From	To	Core Recov.	From	To	Description	Core	Sample	Sample No.	From Ft.	To Ft.	% Fe	CRUDE Recovery %	% Fe	% SiO2	% Al2O3	% SiO2
27/7	0.0	14.0	11.1	0.0	2.0	OVERBURDEN, ironstone scree and clay.			0	2			(Overburden)				
28/7	14.0	38.0	15.6						2	14		55.99	8.67				
29/7	38.0	73.0	25.0	2.0	14.0	MAGNETITE (MEDIUM); fine - medium grained, massive with a pitted surface. Quite oxidised containing fair amounts of hematite, limonite and goethite. - Weakly magnetic.			14	57			(Amph)				
30/7	73.0	94.0	16.5						57	76		64.30	9.27				
31/7	94.0	123.0	16.5						76	94		65.20	34.20	69.36	0.026	0.20	
2/8	123.0	147.0	14.6						94	114		53.15	13.86	69.44	0.059	0.12	
3/8	147.0	168.5	19.7						114	129		28.04	11.49	68.87	0.068	0.11	
4/8	168.5	171.0	2.3						129	149		34.72	26.10	70.74	0.110	0.10	
									149	169		22.58	15.55	70.41	0.070	0.11	
				14.0	57.0	AMPHIBOLITE; from 14.0 to 30.0, amphibolite is quite oxidised fairly fine grained, massive, yellow - brown in colour with red and black hematite film along fracture planes.			169	171			(Amph)				
						From 30.0 to 33.0, amphibolite is moderately oxidised and yellow - green in colour.											
						From 33.0 to 57.0, amphibolite is very soft generally, fine grained, moderately oxidised, grey - green in colour with occasional hard, more massive zones.											
						Minor magnetite zones 43.0 - 44.0 and 48.0 - 49.0. Fairly hard - massive amphibolite zones 40.0 - 42.0, 45.0 - 47.0, 50.0 - 53.0 and 56.0 - 57.0.											
				57.0	94.0	MAGNETITE (RICH), fairly fine grained, massive with a pitted surface, quite oxidised with fair amounts of hematite											



LEGEND					
RICH	> 55% Fe	(Red)	LEAN	> 11% Fe	(Diagonal lines)
MEDIUM-RICH	> 44% Fe	(Diagonal lines)	AMPHIBOLITE	< 11% Fe	(Green)
MEDIUM	> 33% Fe	(Orange)	DOLOMITE		(Dotted)
MEDIUM-LEAN	> 22% Fe	(Diagonal lines)	ZONE OF OXIDATION		(White)



