

DIAMOND DRILL CORE RECORD

678
043

Hole No. 231
Drilled by ASSOCIATED DIAMOND DRILLERS
Core Recovery 73%
Geological Logging by —
D. J. PERKIN

Area of Operation SAVAGE RIVER, TASMANIA
Location of Site 65°E ALONG TRAV. B80; 110° N
Date Commenced 18-11-1965
Date Completed 29-11-1965
COORDINATES: 23,862 N ; 21,341 E

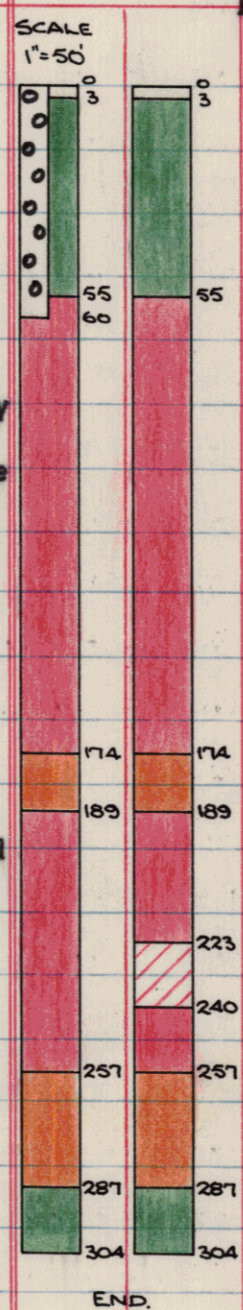
Reduced Level of Site 1065.8'
Bearing of Hole 270°
Dip of Hole 0° 250°
-45° -43°
Bore Depth 304'

42 138

AMG Co-ords: 351306 E 5405472 N.

Ref No 2127

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.	GRADE	To	WT.	CONCENTRATE (-325 Mesh)	%SiO ₂	%Ni	%TiO ₂
1965										From Ft.	To Ft.	%Fe	Recovery	%Fe		
18/11	0.0	35.0	20.1	0.0	3.0	OVERBURDEN			0	3						
19/11	35.0	74.0	28.0			Clay.			3	55						
20/11	74.0	97.0	20.6	3.0	55.0	AMPHIBOLITE CLAY			55	74	60.94	74.23	69.76	<0.5	0.066	0.290
22/11	97.0	137.5	38.5			Fairly fine grained, massive and			74	94	59.65	72.67	70.09	<0.5	0.068	0.390
23/11	137.5	172.5	34.6			moderately soft, quite oxidised, fairly			94	114	57.95	74.00	69.44	<0.5	0.062	0.370
24/11	172.5	204.0	23.8			friable, yellow brown in colour. Originally			114	134	57.30	69.31	70.09	<0.5	0.074	0.360
25/11	204.0	238.0	28.9			moderately altered with hematite and epidote			134	154	59.24	73.87	70.09	<0.5	0.064	0.360
26/11	238.0	272.0	17.8			veinlets throughout. Oxidised magnetite			154	174	57.22	72.59	69.60	<0.5	0.060	0.365
27/11	272.0	294.5	8.6			vein 44.0 - 44.2. Limonite and oxidised			174	189	41.52	47.73	69.44	0.60	0.076	0.415
29/11	294.5	304.0	1.7			chlorite film along fracture planes.			189	206	58.43	75.84	69.44	<0.5	0.053	0.300
	END OF HOLE			55.0	174.0	MAGNETITE (RICH)			206	223	58.27	72.59	70.25	<0.5	0.057	0.320
						From 55.0 to 57.0, magnetite is			223	240	54.22	68.20	70.41	<0.5	0.048	0.410
						fine-medium grained, massive, fairly oxidised			240	257	56.98	72.69	70.82	<0.5	0.038	0.350
						with fair amounts of hematite and minor			257	272	43.46	54.89	71.06	<0.5	0.020	0.315
						limonite, goethite, clay minerals and			272	287	35.12	38.20	70.98	0.57	0.032	0.230
						occasional pyrite throughout. - Weakly			287	304						
						magnetic.										
						From 57.0 to 60.0, magnetite is										
						fine-medium grained, massive, moderately										
						oxidised with moderate amounts of hematite										
						and minor pyrite throughout. Moderately to										
						strongly magnetic. Limonite along fracture										
						planes.										
						From 60.0 to 174.0, magnetite is										
						fine-medium grained, massive with moderate										
						pyrite, tremolite - actinolite and minor										



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

