

631 *OK*

DIAMOND DRILL CORE RECORD

Hole No. 215
 Drilled by ASSOCIATED DIAMOND DRILLERS
 Core Recovery 87.6%
 Geological Logging by —
D. J. PERKIN

Area of Operation SAVAGE RIVER, Tasmania
 Location of Site 55' W ALONG TRAV. 5009; 54'S
 Date Commenced 19 - 7 - 65
 Date Completed 23 - 7 - 65

Reduced Level of Site 988.6
 Bearing of Hole 90°
 Dip of Hole 45° 130°
 Bore Depth 151'

AMG Co-ords: 351125 E 5404990 N.

MINE COORDS 22770 N 20747E

Ref No 2111

42 075

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 Fe.	CRUDE RECOVERY %Fe	CONCENTRATE (-325 Mesh)				
											%SiO2	%Ni	%TiO2		
19/7	0.0	23.0	21.4	0.0	4.0	OVERBURDEN - Ironstone scree and amphibolite clay.			0	4					
20/7	23.0	53.0	19.6						4	129	(Amph)				
21/7	53.0	95.0	37.0	4.0	129.0	AMPHIBOLITE; From 4.0 to 87.0 amphibolite is fine - medium grained, quite oxidised, fairly massive, fairly soft and friable, yellow in colour with black oxidised chlorite and hematite film along fracture planes.			129	140	60.96	77.31	71.32	0.026	0.251
22/7	95.0	126.0	30.4						140	151	48.46	58.73	70.78	0.041	0.12
23/7	126.0	151.0	24.2												
	END OF HOLE														



RICH > 35%Fe		MEDIUM LEAN > 22%Fe
MEDIUM RICH > 44%Fe		LEAN > 11%Fe
MEDIUM > 33%Fe		AMPHIBOLITE < 11%Fe
		ZONE OF OXIDATION

From 87.0 to 102.0, amphibolite is greenish - yellow in colour, fine-medium grained, fairly massive, moderately oxidised and fairly friable with occasional soft zones.

From 102.0 to 119.0 amphibolite is greenish, slightly oxidised, fairly massive with soft clayey zones interspersed throughout. - Fairly soft broken zone with occasional hematite veinlets 117.0 - 119.0.

From 119.0 to 129.0, amphibolite is fairly fine grained, massive, and relatively unoxidised, fairly altered with occasional veinlets of pyrite, magnetite, epidote, hornblende and carbonate throughout.

Slightly sheared zone 126.5 - 128.0 where delta angle of schistosity = 70°. Serpentine and chlorite along fracture planes.

DRILL RECORD				GEOLOGICAL LOG			GEOLOGICAL SECTION		ASSAY RESULTS													
Date	From	To	Core Recov.	From	To	Description	Core	Sample	Sample No.	From	To											
				129.0	151.0	MAGNETITE (HIGH), fairly fine grain, massive with moderate amounts of pyrite and minor tremolite - actinolite and serpentine disseminated throughout with a slight tendency to alignment in places (Delta Angle = 40 - 45°). Massive fine-grained altered amphibolite zones occur at 141.0 - 142.0, 143.6 - 146.2 and 146.7 - 147.9.																
						END OF HOLE																

42 076