

DIAMOND DRILL CORE RECORD

417 943

33 132

Hole No. 107
 Drilled by ASSOCIATED DIAMOND DRILLERS
 Core Recovery 83.7%
 Geological Logging by —
D. J. PERKIN

Area of Operation SAVAGE RIVER, Tasmania
 Location of Site 400'E ALONG TRAV. 250'S, 30'S
 Date Commenced 16-12-64
 Date Completed 8-2-65

Reduced Level of Site 1111.6
 Bearing of Hole 264° 30'
 Dip of Hole 55°
 Bore Depth 445' (ABANDONED)

DoM	S & A	CG	CC & M	AL	EE
RECEIVED					
24 JUN 1965					
DEPT. OF MINES					
REF. NO.					

MINE COORDS 22, 568N 21, 169E

Ref No 2082

AMG Co-ords: 351250 E 5405072 N

No Core held.

A 22375

DRILL RECORD				GEOLOGICAL LOG		GEOLOGICAL SECTION		ASSAY RESULTS										
Date	From	To	Core Recov.	From	To	Description	Core	Sample	Sample No.	From	To	CRUDE	CONCENTRATE (-325 Mesh)					
										Ft.	Ft.	% Fe	% Ni*	% TiO2*	wt % Fe	% Ni*	% TiO2*	
															Recovery			
6/12/64	0.0	39.0	10.5	0.0	5.0	OVERBURDEN			193	210	24.31				20.02	66.38	0.059	0.085
7/12	39.0	56.0	12.4	5.0	193.5	Amphibolite; fine - medium grain, fairly oxidised to 89.0 with hard, soft and friable zones. Some amphibolite clay zones.												
8/12	56.0	74.0	10.3															
21/12	74.0	79.0	2.8			Slightly oxidised to 107.0 - shear zones?												
22/12	79.0	91.5	6.6			Non oxidised zone 107.0 - 193.5 with minor quartzofeldspathic and actinolite veinlets, and numerous rehealed fractures.												
23/12	91.5	102.0	8.3															
29/12	102.0	107.0	3.5															
31/12	107.0	114.5	7.5															
1/1/65	114.5	139.0	21.2															
5/1	139.0	145.0	5.6															
6/1	145.0	157.0	9.4															
7/1	157.0	171.0	12.6	193.5	210.3	Magnetite (Lean) massive; moderate amounts of fine - medium grain magnetite and pyrite occur disseminated in sub - parallel blebs and stringers (Delta Angle = 35 - 50°) in serpentine rich amphibolite.												
8/1	171.0	186.0	13.0															
9/1	186.0	192.0	4.9															
11/1	192.0	223.5	27.7															
12/1	223.5	259.5	35.3															
13/1	259.5	326.0	65.1															
14/1	326.0	375.0	48.8															
15/1	375.0	416.5	39.8	210.3	445.0	Amphibolite, medium grain to 252.0, fine - medium grain to 336.0, medium grain to 426.4 and thence alternating fine and medium grain 445.0. Massive, with minor epidote, actinolite, quartzofeldspathic and hematite veinlets. Very little pyrite or magnetite but a few grains occur sometimes associated with quartzofeldspathic and actinolite veinlets.												
16/1	416.5	435.0	18.5															
18/1	435.0	445.0	9.0															
8/2	HOLE ABANDONED																	



LEGEND					
RICH	> 55% Fe		MEDIUM LEAN	> 22% Fe	
MEDIUM RICH	> 44% Fe		LEAN	> 11% Fe	
MEDIUM	> 33% Fe		AMPHIBOLITE	< 11% Fe	
				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											
						Hole abandoned due to unrecoverable tools broken off in hole.																
						<u>END OF HOLE.</u>																

33 133