

DIAMOND DRILL CORE RECORD

Hole No. 255
 Drilled by GLINDEMANN & KITCHING
 Core Recovery 78%
 Geological Logging by —
T. MUNRO

Area of Operation SAVAGE RIVER, TAS.
 Location of Site 17607 N ; 19322 E.
 Date Commenced 18 - 12 - 1966
 Date Completed 11 - 1 - 1967

Reduced Level of Site 935.59
 Bearing of Hole 282°30'
 Dip of Hole 0° 100' 300' 400'
-45° -42°30' -42° -42°30'
 Bore Depth 470.0

741
 41 017
 Q43

A 29297 *General*
AMG Co-ords: 351000E 5405000N
Box NOT plotted.

Ref No 2151

DRILL RECORD				GEOLOGICAL LOG		GEOLOGICAL SECTION	ASSAY RESULTS <i>No Core held.</i>												
Date	From	To	Core Recov.	From	To		Description	Sample No.	From Ft.	To Ft.	CRUDE %Fe %S	CONCENTRATE + 325 Mesh %Wt. %Fe %SiO ₂ %Al %TiO ₂ %V							
1966																			
18/12	0.0	22.8	22.0	0.0	95.0	<u>AMPHIBOLITE</u>		0	95	Amph.									
19/12	22.8	27.2	3.6			Fairly massive, foliated (Delta Angle = 30°), generally fairly fine-grained with irregular patches of epidote and small magnetite crystals disseminated throughout. Interfoliated quartz and some carbonate. Moderately oxidised to 10.0, slightly oxidised to 20.0 with some limonite on fractures. Minor leaching. Quartz-carbonate zone 40.0 - 45.0 with minor talc.		95	102	51.68 1.74	67.41	70.80	0.55	0.015	0.29	0.26			
5/1	27.2	84.0	34.6					102	223	Amph.									
6/1	84.0	170.0	59.1					223	228	57.54 3.09	74.86	71.37	0.34	0.021	0.08	0.60			
7/1	170.0	239.8	54.9					228	269	Amph.									
9/1	239.8	332.0	82.4					269	279	35.89 6.32	39.21	69.58	1.25	0.040	0.08	0.49			
10/1	332.0	430.8	73.0					279	293	Amph.									
11/1	430.8	470.0	35.2					293	312	51.52 4.61	64.13	70.64	0.69	0.018	0.25	0.46			
								312	333	Amph.									
				95.0	102.0		<u>MAGNETITE (RICH)</u>		333	345	56.72 3.42	74.91	69.83	0.84	0.055	1.00	0.48		
							Fine-grained, fairly massive, limonitic 95.0 - 98.0, otherwise containing moderate to fair amounts amphibole and very little pyrite. Foliated with Delta Angle of 50°.		345	357	42.23 6.69	49.38	68.67	1.48	0.140	0.86	0.34		
								357	369	44.81 3.78	57.16	69.63	1.12	0.066	0.79	0.36			
								369	386	23.05 7.16	20.58	66.57	2.27	0.190	0.45	0.18			
								386	433	Amph.									
								433	440	45.29 5.17	56.11	68.99	1.49	0.085	0.78	0.40			
				102.0	223.0	<u>AMPHIBOLITE</u>			440	456	22.24 6.82	20.87	62.54	5.39	0.105	0.23	0.09		
						Fairly fine-grained, generally mottled, altered, sheared with chloritic phases and minor magnetite disseminations throughout. Delta Angle Foliation = 20° - 50°. Moderate epidote in irregular patches with hematite, carbonate and quartz-magnetite veinlets. Specularite present. Sheared, leached, broken, low recovery iron zone 112.0 - 120.0.			456	470	Amph.								
									269	279									
									279	293									
									293	312									
								312	333										
								333	345										
				223.0	228.0	<u>MAGNETITE (RICH)</u>		345	369										
						Fine-grained, massive with moderate amphibole and pyrite.		369	386										
								386											

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

