

## DIAMOND DRILL CORE RECORD

739

Q47

41 014

Hole No. 254  
 Drilled by GLINDEMANN & KITCHING  
 Core Recovery 75%  
 Geological Logging by —  
T. MUNRO

Area of Operation SAVAGE RIVER, TAS.  
 Location of Site 23559 N ; 21496 E  
 Date Commenced 8 - 12 - 1966  
 Date Completed 12 - 12 - 1966

Reduced Level of Site 1078.9  
 Bearing of Hole 270°  
 Dip of Hole 0° 100' 200'  
-43° -41°30' -44°  
 Bore Depth 260.0

Ref No 2150

A 22375

AMG Co-ords: 351352 E 5405382 N.

DRILL RECORD				GEOLOGICAL LOG			GEOLOGICAL SECTION		ASSAY RESULTS <i>No Core held.</i>										
Date 1966	From	To	Core Recov.	From	To	Description	Core	Sample	Sample No.	From From Ft.	To To Ft.	CRUDE % Fe % S % Wt	CONCENTRATE - 325 Mesh % Fe % SiO <sub>2</sub> % Ni % TiO <sub>2</sub> % V						
8/12	0.0	98.0	63.0	0.0	21.0	<u>AMPHIBOLITE</u>			0	21	Amph								
9/12	98.0	139.0	29.5			Broken, light-brown friable clay,			21	40	66.01	0.10	54.65	69.96	0.27	0.014	0.08	0.17	
10/12	139.0	171.2	29.0			plastic in parts with small zones of			40	59	66.75	0.08	86.21	69.84	0.36	0.016	0.08	0.25	
11/12	171.2	199.2	27.7			magnetite.			59	78	65.20	0.19	84.92	69.76	0.40	0.018	0.08	0.28	
12/12	199.2	260.0	44.8	21.0	98.0	<u>MAGNETITE (RICH)</u>			78	98	64.47	2.36	84.43	69.52	0.42	0.021	0.08	0.30	
						Slightly oxidised, fairly fine-grained,			98	116	63.61	3.51	83.22	69.76	0.44	0.024	0.08	0.28	
						massive except for broken, cavernous zone			116	134	62.75	4.06	80.27	69.76	0.49	0.021	0.08	0.29	
						45.0 - 74.0. Very hard 21.0 - 45.0 with			134	153	60.06	3.60	75.51	69.76	0.62	0.020	0.08	0.33	
						secondary deposited iron. Driller reports			153	172	58.84	2.68	77.13	69.52	0.67	0.028	0.10	0.33	
						sudden dropping of pods through parts of			172	189	55.74	3.72	71.91	69.11	0.79	0.023	0.08	0.27	
						low recovery zone 45.0 - 74.0. Limonite			189	206	55.91	3.30	73.18	69.42	0.84	0.025	0.08	0.28	
						on fracture planes.			206	238	Amph								
				98.0	206.0	<u>MAGNETITE (MEDIUM - RICH)</u>			238	249	56.16	4.94	69.89	70.40	0.74	0.022	0.08	0.31	
						From 98.0 to 172.0 - broken, soft,			249	260	61.09	3.30	79.04	70.28	0.67	0.024	0.08	0.30	
						sandy, chloritic, slightly oxidised to													
						120.0 with secondary limonite common.													
						Magnetite sand zones frequent.													
						Amphiboles are completely chloritised, large													
						pyrite cubes up to 1/4" formed by													
						recrystallisation.													
						From 172.0 to 206.0, ore is fine-grained,													
						massive in parts with less chlorite and													
						possibly is slightly richer than previous zone.													
				206.0	238.0	<u>AMPHIBOLITE</u>													
						Generally broken, clayey and sheared													
						with abundant chlorite 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				

