

DIAMOND DRILL CORE RECORD

649043

Hole No. 222
 Drilled by ASSOCIATED DIAMOND DRILLERS
 Core Recovery 62%
 Geological Logging by —
 D. J. PERKIN

Area of Operation SAVAGE RIVER, Tas.
 Location of Site 536°W ALONG TRAV. 500S; 20'S
 Date Commenced 2-9-1965
 Date Completed 14-9-1965
 CO-ORDINATES: 22,269 N; 20,275 E

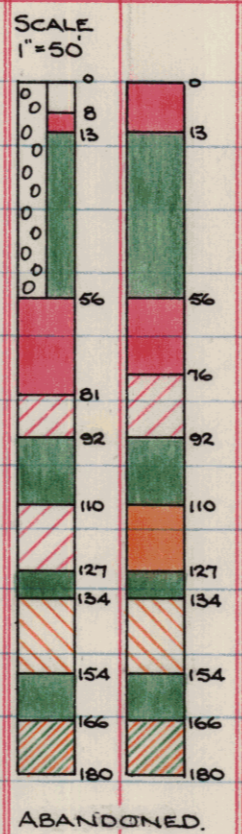
Reduced Level of Site 866.8
 Bearing of Hole 90°
 Dip of Hole -45° 135'
 -42°
 Bore Depth 180'

Ref No 2118

42 100

AMG Co-ords: 350981E 5404990 N.

DRILL RECORD				GEOLOGICAL LOG			GEOLOGICAL SECTION		ASSAY RESULTS							
Year	From	To	Core Recov.	From	To	Description	Core	Sample	Sample No.	From	To	CRUDE	CONCENTRATE (-325 Mesh)			
									From Ft.	To Ft.	%Fe	Wt. Recovery	%Fe	%SiO ₂	%Ni	%TiO ₂
1965	0.0	10.0	4.0	0.0	8.0	OVERBURDEN			0	13	65.18	14.61	70.38	0.69	0.025	0.150
	10.0	56.0	28.9			Ironstone scree.			13	56	(Amph)					
	56.0	92.0	26.4	8.0	13.0	MAGNETITE (RICH)			56	76	56.73	70.16	71.50	<0.5	0.047	0.325
	92.0	127.0	33.1			Cemented scree: Fairly fine-grained,			76	92	44.29	53.40	71.03	<0.5	0.028	0.330
	127.0	138.0	4.6			massive with a pitted surface, Quite			92	110	(Amph)					
	138.0	161.0	3.8			oxidised with fair amounts of hematite and			110	127	35.92	43.62	70.38	0.97	0.021	0.460
	161.0	179.0	10.0			minor goethite and limonite throughout.			127	134	(Amph)					
	179.0	180.0	1.0			Minor oxidised clay minerals throughout.			134	154	22.43	24.49	70.54	1.10	0.015	0.430
						Very weakly magnetic.			154	166	(Amph)					
				13.0	56.0	AMPHIBOLITE			166	180	20.32	16.01	70.22	1.35	0.037	0.305
						Fairly fine-grained, quite to fairly										
						oxidised, generally soft though massive and										
						hard in parts. Yellow-brown 13.0 - 35.0,										
						greenish color 35.0 - 56.0. Soft and broken										
						core.										
				56.0	81.0	MAGNETITE (RICH)										
						Fine to medium-grained, fairly massive										
						with minor amounts of pyrite, tremolite -										
						actinolite and occasional serpentine. Fairly										
						broken core with some soft puggy zones.										
						Slightly oxidised.										
				81.0	92.0	MAGNETITE (MEDIUM RICH)										
						Fine to medium-grained, fairly massive with										
						moderate amounts of tremolite - actinolite,										
						minor pyrite and occasional serpentine dis-										
						seminated throughout in blebs and occasional										



LEGEND.					
RICH	> 55%Fe	(Red)	MEDIUM LEAN	> 22%Fe	(Red with diagonal lines)
MEDIUM RICH	> 44%Fe	(Red with diagonal lines)	LEAN	> 11%Fe	(Green with diagonal lines)
MEDIUM	> 33%Fe	(Orange)	AMPHIBOLITE	< 11%Fe	(Green)
			ZONE OF OXIDATION		(Red with circles)

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DRILL RECORD				GEOLOGICAL LOG			GEOLOGICAL SECTION		ASSAY RESULTS													
Date	From	To	Core Recov.	From	To	Description	Core	Sample	Sample No.	From	To											
				81.0	92.0	Continued stringers. Slightly oxidised.																
				92.0	110.0	<u>AMPHIBOLITE</u> Fairly fine-grained, slightly oxidised, very soft, fairly altered with fair amounts of epidote disseminated throughout in blebs and stringers together with minor hematite and actinolite veinlets throughout. Occasional pyrite and magnetite blebs. Very soft and clayey core.																
				110.0	127.0	<u>MAGNETITE (MEDIUM-RICH)</u> Fine to medium-grained, fairly massive with moderate amounts of tremolite - actinolite and minor pyrite and serpentine disseminated throughout in blebs and occasional stringers. Fairly broken core with some soft clayey zones throughout. Very slightly oxidised.																
				127.0	134.0	<u>AMPHIBOLITE</u> Fairly fine-grained, very soft and clayey, yellowish-green in color, fairly altered with fair amounts of epidote throughout. Extremely soft and broken core. Slightly oxidised.																
				134.0	154.0	<u>MAGNETITE (MEDIUM-LEAN)</u> Granular masses, blebs and stringers of fairly fine-grained magnetite occur throughout a soft fine-grained groundmass of tremolite - actinolite and serpentine, with minor pyrite, epidote and talc. Slightly sheared and slightly oxidised. Poor core recovery.																
				154.0	166.0	<u>AMPHIBOLITE</u> Fairly fine-grained, very soft and clayey, slightly sheared and fairly altered with fair amounts of epidote disseminated throughout.																

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