

DIAMOND DRILL CORE RECORD

438
043

33 158

Hole No. 112
 Drilled by ASSOCIATED DIAMOND DRILLERS
 Core Recovery 57.8%
 Geological Logging by —
D. J. PERKIN

Area of Operation SAVAGE RIVER, Tasmania
 Location of Site 86°E ALONG TRAV. 1000S; 126° N
 Date Commenced 3 - 4 - 65
 Date Completed 15 - 7 - 65

Reduced Level of Site 1006.3 APPROX
 Bearing of Hole 270°
 Dip of Hole -45°
 Bore Depth 467' (ABANDONED)

MINE COORDS 21,950 N 20,870E

Ref No 2087

A 24092

AMG Co-ords: 351162 E 540 4890 N.

DRILL RECORD						GEOLOGICAL LOG	GEOLOGICAL SECTION		ASSAY RESULTS							
Date	From	To	Core Recov.	From	To	Description	Core	Sample	Sample No. From Ft.	From To Ft.	CRUDE %Fe	CRUDE Recovery	%Fe	CONCENTRATE (-325 Mesh)		
													%SiO2	%Ni	%TiO2	
4/3	0.0	20.0	0.0	0.0	40.0	AMPHIBOLITE CLAY is indicated by sludge			0	4	Overburden					
4/4	20.0	50.0	7.7			and cuttings from the hole - No core			4	40	(Amph)					
4/5	50.0	76.0	20.0			recovered. Amphibolite clay is fairly			40	58	17.44	15.96	69.83	0.033	0.35	
4/6	76.0	98.0	19.5			oxidised and contains minor magnetite.			58	76	11.98	4.73	-	-	-	
4/7	98.0	118.0	14.4						76	92	54.85	64.68	70.80	0.044	0.12	
4/8	118.0	143.0	19.8	40.0	58.0	MAGNETITE (LEAN); Fine - medium grained			92	108	57.54	72.18	71.37	0.031	0.10	
4/9	143.0	172.0	22.6			magnetite occurs in bands and stringers			108	171	(Amph)					
4/10	172.0	181.0	5.9			in oxidised and fairly schistose clayey			171	178	57.78	69.88	70.97	0.042	0.15	
4/11	181.0	184.0	1.9			amphibolite containing fair amounts of			178	191	12.22	3.67	-	-	-	
4/14	184.0	192.0	7.8			tremolite-actinolite and minor pyrite.			191	208	56.48	71.10	70.64	0.046	0.22	
4/22	192.0	205.0	10.4			-Some soft amphibolite clay zones. Broken			208	224	55.01	70.28	70.32	0.036	0.33	
4/23	205.0	241.0	29.0			core - shear zone. (?)			224	240	58.27	73.03	70.32	0.051	0.30	
4/24	241.0	273.0	22.2						240	256	56.15	70.54	70.32	0.040	0.28	
4/26	273.0	297.0	16.1	58.0	76.0	AMPHIBOLITE is altered to give an oxidised			256	272	56.72	72.81	70.64	0.041	0.27	
4/27	297.0	302.0	2.4			tremolite-actinolite chlorite schist - some			272	281	28.85	31.30	70.72	0.028	0.20	
4/28	302.0	312.0	2.8			soft clayey zones. - Broken core - shear			281	301	62.16	80.10	71.00	0.027	0.22	
4/29	312.0	326.0	7.7			zone. (?)			301	321	50.73	62.11	71.49	0.032	0.17	
4/31	326.0	334.0	4.7						321	338	62.59	80.88	71.72	0.048	0.20	
6/1	334.0	354.0	14.1	76.0	108.0	MAGNETITE (MEDIUM-RICH), Fine-medium grain,			338	354	48.08	56.96	71.23	0.052	0.16	
6/2	354.0	370.0	6.9			very slightly oxidised, massive with			354	370	25.59	21.48	64.22	0.110	0.13	
6/3	370.0	376.0	2.8			moderate amounts of tremolite-actinolite			370	388	(Amph)					
6/4	376.0	393.0	1.2			and minor pyrite disseminated throughout			388	401	44.32	52.11	71.17	0.038	0.20	
6/8	393.0	398.0	0.3			in blebs and stringers. - Fairly broken			401	421	55.01	66.39	71.66	0.068	0.23	
6/9	398.0	410.0	11.6			core to 890 and occasional soft 'clayey'			421c	434	(Amph)					
6/10	410.0	434.0	10.2			magnetite zones.			434	448	61.70	77.49	71.66	0.080	0.24	
				108.0	171.0	AMPHIBOLITE, Fine-medium grained to 157.0,			448	467	53.37	66.45	71.33	0.047	0.22	
						medium grained to 160.0, fine grained										

No Core held

439
047

DRILL RECORD

GEOLOGICAL LOG

GEOLOGICAL SECTION






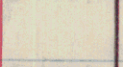
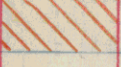
ASSAY RESULTS

33 159

Date	From	To	Core Recov.	From	To	Description	Core	Sample	Sample No.	From	To					
						168.0 - 171.0. Generally massive with some soft clayey zones. - Minor quartzfeldspathic, epidote and hematite veinlets throughout from 108.0 - 118.0 and minor epidote disseminated throughout from 113.0 - 171.0. -Very slightly oxidised. Fairly broken core	399	401								
						108.0 - 118.0.	421	421								
						171.0 178.0 <u>MAGNETITE (MEDIUM RICH)</u> Fine-medium grained, fairly massive with some soft zones. Moderate tremolite-actinolite and minor pyrite throughout.	434	434								
						178.0 191.0 <u>AMPHIBOLITE</u> , Fairly fine grained, massive with minor pyrite and epidote disseminated throughout. Minor quartzfeldspathic veinlets throughout. - Fairly broken core in places and some soft clayey zones including 190.0 to 191.0. - Very slightly oxidised.	448	448								
6/12	434.0	443.0	2.0	191.0	272.0	<u>MAGNETITE (MEDIUM RICH)</u> , Fine-Medium grain, massive with moderate amounts of tremolite-actinolite and minor pyrite. Minor tremolite-actinolite-rich zones throughout and a pyrite rich zone from 196.0 - 196.7 with minor serpentine. - Occasional soft 'clayey' zones. - Fairly broken core. chlorite along fracture planes.	460	467								
6/15	443.0	462.0	2.0													
6/16	462.0	467.0	4.0													
7/15	<u>HOLE ABANDONED</u> <u>END OF HOLE</u>			272.0	281.0	<u>MAGNETITE (LEAN)</u> ; Massive epidote-rich amphibolite contains moderate amounts of fine-medium grained magnetite in blebs and granular masses.										
				281.0	354.0	<u>MAGNETITE (MEDIUM-RICH)</u> fine-medium grained; massive with moderate amounts of tremolite-actinolite and minor pyrite and occasional										

ABANDONED.

LEGEND

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