54488

DEPARTMENT OF MINES — TASMANIA

DIAMOND DRILL CORE RECORD

32 191 265 Q47

Hole No. 13

Drilled by Associated Diamond Drillers Pty. Ltd.

Core Recovery 81% Main Lode Section 96%

Geological Logging by—
J.E. Ridgway

Area of Operation Savage River

Location of Site 1490S - 00

Date Commenced 28th July, 1961

Date Completed 29th September 1961

MINE COORDS 21,365N 20,666E

Reduced Level of Site ~~1470 (old) 1040~~ 1031.6 (B.M.R.)

Bearing of Hole ~~270°~~ 291°30'

Dip of Hole 65°

Bore Depth 1011'6"

AMG Co-ords: 351105E 5404752N.

Ref No 2042

DRILL RECORD				GEOLOGICAL LOG			GEOLOGICAL SECTION		ASSAY RESULTS No core held.														
Date	From	To	Core Recov.	From	To	Description	Core	Sample	Sample No.	From	To	% Hcl. Sol. Fe	Si	SiO_2	Al	Al_2O_3	Ti	Mn	S	P	V.
July							0'	0'													
28	0	103	1	0	95'	Clay (weathered Amphibolite) no core			3005	129	149		.9	1.9	.86	1.6	.25	.10	3.81	.12	.38
				95	96	Amphibolite			3006	149	169		.99	2.1	.5	.9	.36	.10	2.48	.46	.38
				96	108	No core			3007	169	186.		2.4	5.1	1.8	3.4	.36	.09	3.03	.14	.35
Aug. 2	103	111	3	108	120	Weathered Amphibolite			3008	350	372		7.4	15.9	1.9	3.6	.27	.07	7.84	.27	.19.
	111	139	5	120	129	No core			~~3009~~												
	139	164	16	129	186	Magnetite pyritic and partly oxidised			1165	129	149	62.6	~~34.74~~								
	164	168	2	186	350	Amphibolite			1166	149	169	62.3									
4	168	183	5	350	372	Magnetite and pyrite bands of Amphibolite Talcose shears 30° to axis			1167	169	186	57.7									
	183	194	4						1649	350	360'6	15.1									
	194	201	4	372	461'6	Amphibolite	100		1650	360'6	372	49.6									
	201	208	3	461'6	470	Magnetite and Pyrite amphibolite	108		1651	461'6	470	45.7									
	208	224	1			bands. Fault 469'6 - 470'	120	129	3009	461	489		3.4	7.4	1.2	2.4	.38	.04	8.22	.12	.2
14	224	232	7	470	489	Magnetite and Pyrite	129		1652	470	489	49.4									
	232	244	12	489	498	Sheared Amphibolite & Magnetite		149	1653	489	498	15.7									
	244	259	12			4" vein Pyrite			3010	489	508		13	27.7	3.7	7.0	.44	.08	5.34	.08	.09.
	259	273	12	498	502	Magnetite & Pyrite Talcose shear 498'		169	1654	498	502	44.3									
	273	289	10	502	508	Amphibolite with little Magnetite			1655	502	508	10.4									
	289	292	2			and Pyrite			3011	508	566		10.1	21.6	2.7	5.21	.23	.05	12.57	.28	.06.
	292	308	14	508	542	Magnetite & Pyrite with Amphibolite	186	186'	1656	508	528	21.5									
18	308	327	18			bands 20° to axis	200		1657	528	548	17.6									
	327	340	12	542	544	Amphibolite			1658	548	559	7.5									
21	340	426	86	544	548	Pyrite - Magnetite & Amphibolite			1659	559	566	19.6									
	426	442	12			bands 25° to axis			1660	566	588	48.3									
25	442	460	7	548	559	Sheared Amphibolite & Pyrite (fault)			1661	588	589'6	3.4									
	460	477	16	559	566	Magnetite & Pyrite Amphibolite			1662	589'6	619'6	52.3									
	477	495	16			bands. Veins of Pyrite parallel			1663	619'6	649'6	52.1									
	495	590	95			to axis. 554'6-566' sheared Amphibolite.	270		1664	649'6	678'6	53.9									

DRILL RECORD

Date	From	To	Core Recov.
Sept			
4	590	681	91
	681	696	12
	696	708	12
	708	716	7
11	716	721	5
	721	730	5
12	730	740	10
	740	752	11
	752	844	92
18	844	856	7
	856	865	5
	865	878	13
	878	893	9
	893	903	7
	903	913	9
	913	918	2
	918	930	10
22	930	941	5
	941	949	7
	949	956	3
	956	1011	55

GEOLOGICAL LOG

From	To	Description
566	588	Magnetite and Pyrite
588	589'6	Amphibolite
589'6	678'6	Magnetite & Pyrite bands Amphibolite
678'6	690'6	Amphibolite, Pyrite and little Magnetite
690'6	708	Magnetite and Amphibolite bands
		Amphibolite 696'6 - 698'
708	741'6	Amphibolite at 730' 6" Magnetite
741'6	816	Magnetite Pyrite 12" sheared
		Amphibolite 769'6 - 770'6
816	820	Amphibolite blebs of Magnetite
820	822	Magnetite & Pyrite little Amphibolite
822	822'6	Amphibolite
822'6	826'9	Magnetite and Pyrite
826'9	833	Amphibolite
833	867	Magnetite and Pyrite bands of Amphibolite. Shearing 865-867
867	877	Amphibolite
877	969'6	Magnetite and Pyrite
969'6	973'6	Sheared talcose Amphibolite
973'6	981	Magnetite & Pyrite and Talcose Amphibolite
981	992'6	Amphibolite with patches of Magnetite and Pyrite
992'6	1011'6	Alternating Amphibolite Magnetite and Pyrite

GEOLOGICAL SECTION

ASSAY RESULTS 32 192

Sample No.	From	To	% Hcl. Sol. Fe
1665	678'6	690'6	3.7
1666	690'6	708	43.1
1667	708	741'6	5.8
1668	741'6	771&6	49.8
1669	771'6	801'6	49.4
1670	801'6	816	50.2
1671	816	820	18
1672	820	826'9	44.3
1673	826'9	833	5.0
1674	833	867	43.0
1675	867	877	5.4
1676	877	907	48.8
1677	907	937	51.6
1678	937	969'6	48.9
1679	969'6	973'6	20.9
1680	973'6	981	49.6
1681	981	987	16.8
1682	987	1011'6	35.0

	From	To	S	SiO_2	Al	Al_2O_3	Ti	Mn	S	P	V.
3012	566	589'6	4.0	8.6	1.9	3.6	.29	.08	8.52	.13	.27
3013	589'6	619'6	2.7	5.7	.6	1.1	.55	.13	6.73	.05	.41
3014	619'6	649'6	2.9	6.1	.55	1.0	.52	.21	5.85	.04	.40
3015	649'6	678'6	2.2	4.5	.46	.9	.51	.13	6.01	.12	.41
3016	678'6	708	10.2	22	2.3	4.4	.67	.14	5.84	.20	.19
3017	708	741'6	20.8	44	6.6	12.5	.94	.08	0.61	.09	.07
3018	741'6	771'6	2.4	5.2	.71	1.3	.83	.15	7.69	.07	.33
3019	771'6	816	2.3	4.9	.58	1.1	.83	.15	8.04	.36	.32
3020	816	833	12.3	26.4	3.6	6.8	.88	.11	4.8	.21	.16
3021	833	877	7.8	16.8	2.3	4.4	.90	.13	5.21	.03	.21
3022	877	907	3.7	8.0	1.0	1.9	1.08	.16	5.37	.03	.31
3023	907	937	3.2	6.9	.9	1.7	1.16	.16	5.36	.08	.33
3024	937	969'6	7.9	16.9	1.1	2.2	.95	.15	6.37	.02	.31
3025	969'6	1011	3.6	7.8	.72	1.4	.41	.07	6.96	.04	.18

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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	Core	Sample