54488

DEPARTMENT OF MINES — TASMANIA

DIAMOND DRILL CORE RECORD

267 043

Hole No. 15

Drilled by ASSOCIATED DRILLING LTD.

Core Recovery From 1st lode intersection 90%

Geological Logging by—

J.E. RIDGWAY

Area of Operation SAVAGE RIVER

Location of Site 2000' S 70' E.

Date Commenced 22nd January, 1962

Date Completed 10th April, 1962

MINE COORDS 20,874 N 20,469 E

Reduced Level of Site ~~1030'~~ 1015·7

Bearing of Hole ~~270°~~ approx. 298°

Dip of Hole 50°

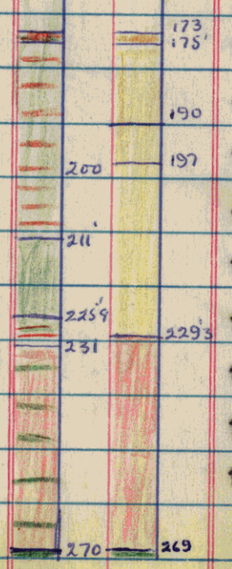
Bore Depth 781 ft.

32 195

AMG Co-ords: 351067E 5404617N.

Ref No 2043

DRILL RECORD				GEOLOGICAL LOG			GEOLOGICAL SECTION	
Date Feb.	From	To	Core Recov.	From	To	Description	Core	Sample
				0	100	Weathered amphibolite		
12	114	130	2	129	173	Amphibolite		
	130	152	10	173	175	Schist with magnetite and pyrite		
	152	182	12	175	197	Schistose amphibolite – magnetite & pyrite		
	182	201	16	197	211	"		
14	201	225	23	211	225'9	Amphibolite – pyritic		
	225	240	15	225'9	231	Schistose amphibolite magnetite and pyrite		
15	240	310	70	231	269	Magnetite and pyrite schist bands		
19	310	325	14	269	271	Amphibolite "		
19	325	362	37	271	281	Magnetite and pyrite schist bands		
23	362	384	20	281	286'6	Talc schist magnetite and pyrite		
	384	398	–	286'6	293	Magnetite and pyrite		
26	398	407	7	293	295'9	Talc schist little magnetite and pyrite		
argh 1	407	413	4	295'9	311'6	Magnetite and pyrite schist bands		
	413	418	1	311'6	320	Schist with magnetite and pyrite		
	418	426	2	320	323	Amphibolite magnetite and pyrite		
5	426	431	4	323	325	Magnetite and pyrite with amphibolite		
7	431	439	7	325	362	Magnetite and pyrite little amphibolite		
	439	461	22	362	363'6	Amphibolite little magnetite and pyrite		
12	461	470	9	363'6	422'6	Magnetite and pyrite little amphibolite		
13	470	480	8	422'6	423'6	Amphibolite some magnetite and pyrite		
	480	493	12	423	435	Amphibolite some magnetite and pyrite		
14	493	506	10	435	540	Amphibolite little pyrite		
	506	518	12	540	541	Magnetite and pyrite little amphibolite		
15	518	532	13	541	546	Amphibolite		
	532	545	12	546	548	Magnetite, pyrite and amphibolite (only 4" core)		
16	545	552	7	548	550	Magnetite and pyrite		



ASSAY RESULTS Core held Plant Room														M.
Sample No.	From	To	Hcl Sol Fe %	Si	SiO_2	Al	Al_2O_3	Ti	Mn	S	P	V.	Sample No.
1901	173	175	26.9										
1902	175	190	18.3	11·4	24·5	1·7	3·2	·41	·08	6·58	·62	·14	3043
1903	190	197	30.3										
1904	197	202	5.8										
1905	202	207	8.1										
1906	207	212	9.0										
1907	212	217	8.4	14·5	31·1	3·6	6·8	·67	·11	4·22	·81	·04	3044
1908	217	222	6.9										
1909	222	225'9	15.3										
1910	225'9	229'3	22.0										
1911	231	236	32.5										
1912	236	241	37.2										
1913	241	246	41.6										
1914	246	251	49.8	3·3	7·2	1·2	2·3	·28	·08	6·75	2·1	·25	3045
1915	251	254	49.9										
1916	254	256	20.9										
1917	256	261	46.6										
1918	261	266	39.5										
1919	266	269	37.3										
1920	269	271	2.6										
1921	271	273	19.6	5·7	11·1	1·7	3·2	·25	·06	7·29	1·23	·16	3046
1922	273	278	40.2										
1923	278	281	43.4										
1924	281	286	26.1										
1925	286	293	53.6	1·5	3·3	·37	·07	·34	·09	6·38	·53	·34	3047
1926	293	295	16.7										
1927	295	300	45.3	7·1	15·3	·68	1·3	·11	·05	6·04	·62	·17	3048
	293	315											

DRILL RECORD

Date	From	To	Core Recov.
	552	560	-
19	560	584	24
	584	603	19
20	603	620	17
21	620	625	5
	625	633	8
22	633	635	2
	635	641	6
23	641	651	10
	651	660	9
26	660	674	14
	674	690	16
27	[illegible]90	705	12
	705	711	3
28	711	714	1
29	714	715	0
30	715	719	1
April 2	719	726	6
3	726	735	7
	735	746	8
	746	758	10
4	758	769	8
	769	775	6
	775	779	3

GEOLOGICAL LOG

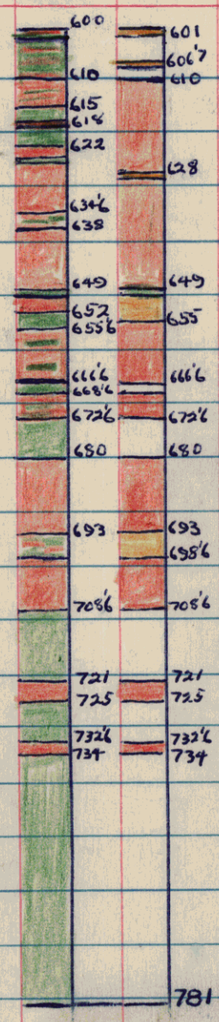
From	To	Description
550	560	Amphibolite
560	582	Magnetite and pyrite talcose in part
582	583'3	Amphibolite
583'3	598	Magnetite and pyrite
598	610	Amphibolite and magentite 606'7 - 607'7"
610	615	Magnetite and pyrite talcose
615	618	Amphibolite
618	619'6	Magnetite and pyrite
619'6	622	Amphibolite
622	624'9	Magnetite and pyrite
624'9	626'3	Amphibolite
626'3	634'6	Magnetite and pyrite
634'6	638	Amphibolite little magnetite and pyrite
638	649	Magnetite and pyrite
649	650	Amphibolite
650	652	Magnetite and pyrite
652	655'6	Amphibolite
655'6	666'6	Magnetite and pyrite some altered amphibolite
666'6	668'6	Amphibolite
668'6	670	Talcose schist magnetite and pyrite
670	672'6	Amphibolite bands of magnetite and pyrite
672'6	680	Amphibolite
680	693	Magnetite and pyrite
693	698'6	Amphibolite magnetite and pyrite
698'6	708'6	Magnetite pyrite amphibolite
708'6	721	Amphibolite
721	725	Magnetite pyrite talcose
725	732'6	Amphibolite
732'6	734	Magnetite and pyrite
734	781	Amphibolite

GEOLOGICAL SECTION

ASSAY RESULTS

32 196

Sample No.	From	To	% HCl Sol Fe
1928	300	305	45.7
1929	305	310	29.8
1930	310	315	25.4
1931	315	320	34.5
1932	320	325	17.0
1933	325	330	56.3
1934	330	335	60.1
1935	335	340	59.5
1936	340	345	55.5
1937	345	350	57.4
1938	350	355	58.9
1939	355	362	56.5
1940	362	366	34.4
1941	366	369'6	58.4
1942	370	375	58.2
1943	375	380	58.8
1944	380	385	61.3
1945	385	390	57.7
1946	390	395	56.0
1947	395	400	58.0
1948	400	405	59.1
1949	405	410	60.6
1950	410	415	56.1
1951	421	422'6	53.6
1952	422'6	425	41.1
1953	425	430	19.4
1954	430	435	23.2
1955	565	570	46.4
1956	540	541	51.1
1957	548	550	54.8
1958	560	565	48.2
1959	570	575	52.9
1960	575	580	52.3



Sample	From	To	% HCl Sol Fe
1961	580	582	48.9
1962	583'3	588'3	54.6
1963	588'3	593'3	52.3
1964	593'3	598	53.3
1965	598	601	13.1
1966	606'7	607'7	26.5
1967	610	615	50.0
1968	618'6	619'6	55.4
1969	622	625	54.1
1970	626'3	628	58.0
1971	628	629	28.3
1972	629	635'6	48.1
1973	638	643	52.1
1974	643	649	52.2
1975	649	655	21.7
1976	655	660	53.1
1977	660	666'6	47.2
1978	668'6	672'6	25.6
1979	680	685	36.1
1980	685	690	38.4
1981	690	693	42.6
1982	693	698'6	17.3
1983	698'6	708'6	45.4
1984	721	725	48.3
1985	732'6	734	53.7

NYO 15.269 Q43

DRILL RECORD				GEOLOGICAL LOG			GEOLOGICAL SECTION		ASSAY RESULTS 32 197											
Date	From	To	Core Recov.	From	To	Description	Core	Sample	Sample No.	From	To	Si	SiO_2	Al	Al_2O_3	Ti	Mn	S	P	V
									3049	315	325	10.14	21.7	.61	1.21	.07	.03	6.17	.53	.1
									3050	325	355	1.42	3.0	.58	1.1	.26	.08	5.32	.12	.38
									3051	355	385	2.17	4.6	.75	1.4	.23	.07	4.93	.22	.41
									3052	385	415	1.82	3.9	.67	1.3	.24	.08	4.93	.09	.43
									3053	421	435	7.98	17.1	1.82	3.4	.63	.06	8.34	.11	.15
									3054	540 548	541 550	3.19	6.8	1.05	2.0	.38	.05	3.62	.02	.40
									3055	560 570	565 582	3.82	8.2	1.58	3.0	.53	.11	5.81	.24	.43
									3056	583' 606'	601 607'	4.20	9.0	1.44	2.7	.47	.10	6.0	.12	.38
									3057	610 618'6"	615 619'6"	4.66	10.0	1.57	3.0	.46	.08	5.47	.05	.31
									3058	622 626'3"	625 635'6"	3.61	7.7	1.7	3.2	.55	.08	5.9	.09	.40
									3059	638 668'6"	666'6" 672'6"	6.52	14	2.12	4.0	.61	.12	3.78	.07	.34
									3060	680	708'6"	7.65	16.4	1.62	3.1	.71	.11	4.97	.01	.22
									3061	721	725	4.18	9.0	1.10	2.1	1.08	.04	6.80	Tr	.31
									3062	732'6"	734	3.29	7.0	1.06	2.0	1.14	.07	5.25	Tr	.35