54488

263 ~~Q~~ Q43

DEPARTMENT OF MINES — TASMANIA

DIAMOND DRILL CORE RECORD

32 188

Hole No. DD No. 12
Drilled by ASSOCIATED DIAMOND DRILLERS PTY. LTD.
Core Recovery
Geological Logging by—
J. E. Ridgway

Area of Operation Savage River
Location of Site 250'5 S - 270' W
Date Commenced 29. 5. 61
Date Completed 14. 7. 61
MINE COORDS 22,519N 20,551E

Reduced Level of Site ~~1360'~~ ~~960'~~ 948.7
Bearing of Hole 270°45' ~~270 266° (Approx.)~~
Dip of Hole 82'
Bore Depth 526'6"

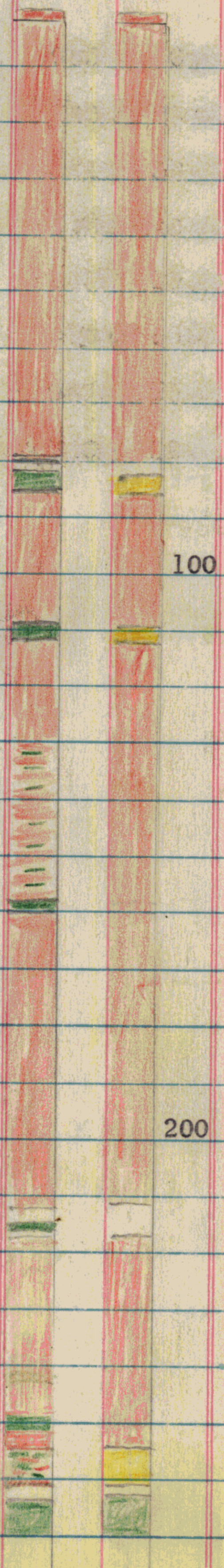
[illegible] | S & A | C G | CC & M | ACIM & E
a
REGISTRAR
E & IL
RECEIVED 2 - OCT 1961
ANSWERED
DEPT. OF MINES
REF. NO. 4542/61

Ref Nº 2041

AMG Co-ords: 351063E 5405072N

DRILL RECORD				GEOLOGICAL LOG		
Date May	From	To	Core Recov.	From	To	Description
30	0'	5'	2	0'	22'	Magnetite with limonite vughs
31	5	19	12	22	82	Magnetite with limonite vughs
	19	41	14	1		
June 1	41	55	5			
	55	77	16			
2	77	80	3			
6	80	120	24	82	86	Limonite clay
				86	109'6"	Magnetite with Limonite vughs
				109'6"	112	Clay — END OF OXIDISED ZONE ([illegible])
	120	143	10	112	134	Magnetite Pyritic
7	143	155	6	134	149	Magnetite talcose and Pyritic
				149	151	Magnetite amphibolite pyritic
8	155	162	4	151	158'6"	Magnetite and talc Schist
				158'6"	160	Talc Schist
	162	198	15	160	212	Magnetite with little talc Schist
[illegible]	198	202	17			
13	202	212	2			
	212	220	8	212	214	No Core
				214	215	Clay
				215	217	No Core
13	220	231	11	217	249	Magnetite pryitic talcose
	.231	236				
15	236	244	4			
22	244	250	2	249	250'6"	Pyritic and Magnetite
	250	259	7	250'6"	252	Clay
				252	254	Magnetite pyritic
				254	259	Amphibolite - some pyritic and Magnetite

GEOLOGICAL SECTION

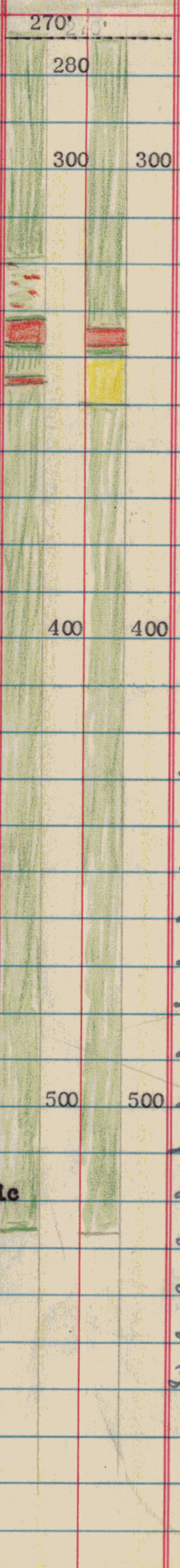


ASSAY RESULTS No Core held.

Sample No.	From	To	% HCl Sol Fe
965	0	23	67.5
940	23	30	67.6
941	30	40	66.4
942	40	50	66.6
943	50	60	67.1
944	60	70	66.8
945	70	80	66.1
946	82	86'6	21.7
947	86'6	100	66.1
948	100	109'6	67.5
949	112	130	60.1
950	130	140	60.0
951	140	150	54.1
952	150	160	42.8
953	160	170	57.8
954	170	180	57.5
955	180	190	56.7
956	190	200	54.8
957	200	212	57.7
958	217	230	56.0
959	230	240	57.8
960	240	250	51.7
961	250	254	41.2
962	254	261	23.6

264 043

32 189



DRILL RECORD				GEOLOGICAL LOG			ASSAY RESULTS												
Date	From	To	Core Recov.	From	To	Description	Sample No.	From	To	% HCl Sol Fe									
23	259	267	4	259	261	Magnetite pyritic													
				261	263	No Core													
	267	271	2	263	291	Schistose amphibolite													
26	271	279	3																
27	279	286	3																
	286	298	9	291	319	Schist pyritic													
28	298	308	7																
29	308	321	5	319	322	Schist some magnetite and pyritic													
	321	338	15	322	323	Magnetite pyritic some amphibolite													
				323	333'6"	Schistose amphibolite magnetite													
						bands pyritic													
				333'6"	337	Magnetite Schist bands	963	334	338	36.6									
30	338	349	11	337	344	Schist pyritic Schistosity 53 to	964	340	350	14									
						Core axis					Si	SiO2	Al	Al2O3	Ti	Mn	S	P	V
	349	365	7	344	345	Magnetite and schist pyritic	2989	0	23		·26	·6	2·6	4·9	·2	·12	·03	·10	·39
July 3	365	376	8	345	376	Schist pyritic	2990	23	30		·36	·8	·6	1·2	·15	·13	·43	·09	·42
	376	379	1	376	401	Schist with chert bands	2991	30	40		·18	·4	·6	1·2	·14	·12	·16	·31	·40
4	379	395	16				2992	40	50		·49	1·0	·8	1·5	·16	·10	·02	·15	·44
	395	414	1	401	472	AMPHIBOLITE ~~Banded chert~~ and Schist	2993	50	60		·47	1·0	·9	1·7	·11	·10	·02	·12	·41
6	414	432	16				2994	60	70		·39	·8	·8	1·6	·13	·08	·15	·16	·41
	432	441	3				2995	70	80		·35	·8	·7	1·4	·14	·10	·05	·19	·44
7	441	449	3				2996	82	86'6"		10·8	23·3	11·5	21·8	·86	·06	·09	·34	·40
10	449	454	5				2997	86'6"	100		·49	1·0	·8	1·5	·09	·09	·05	·14	·43
11	454	469	6				2998	100	109'6"		·45	1·0	·5	·9	·09	·10	·12	·06	·50
	469	483	12	472	478	Schistose amphibolite magnetite pyritic	2999	112	140		1·0	2·1	·7	1·4	·08	·09	4·94	·02	·47
12	483	496	13	478	508	AMPHIBOLITE ~~Banded chert~~ schist ~~bands~~	3000	140	170		2·4	5·2	·6	1·2	·11	·06	7·24	·21	·44
	496	526	30	508	526'6"	AMPHIBOLITE WITH CARBONATE, ALBITE, ~~Chert quartz veined~~ and pyritic	3001	170	212		1·5	3·3	·8	1·5	·16	·07	6·38	·18	·44
						MAGNETITE ILMENITE	3002	217	250		1·3	2·8	·8	1·4	·73	·13	7·72	·15	·41
							3003	250	261		9·8	21·0	3·5	6·6	·75	·10	6·00	·07	·27
							3004	334·8 340·50	338 350 }		17·1	36·6	4·9	9·2	1·02	·04	0·67	·12	·16