54488

DEPARTMENT OF MINES — TASMANIA

DIAMOND DRILL CORE RECORD

270

Hole No. 16.

Drilled by Associated Diamond Drillers

Core Recovery 71%

Geological Logging by— Jot

Area of Operation Savage River

Location of Site 2500'S, 66'W

Date Commenced 26.4.62.

Date Completed 19.6.62

Reduced Level of Site 943'

Bearing of Hole 289° Mag.

Dip of Hole 60° 500-57°, 600-57°, 700-56°

Bore Depth 703'

32 199

Ref No 2044

AMG Co-ords: 350945E 5404480N.

DRILL RECORD

Date 1962	From	To	Core Recov.
1st Apr.	0	45	—
7	45	70	—
0	70	90	—
1 May	90	105	10
2	105	115	3
3	115	141	7
4	141	145	2
7	145	166	3
8	166	173	3
15	173	178	1
16	178	195	5
17	195	204	6
18	204	220	7
21	220	228	2
22	228	240	6
23	240	247	7
24	247	253	2
28	253	255	—
29	255	270	12
30	270	310	40
1 June	310	368	58
4 June	368	410	42
5	410	439	28
6	439	456	17
7	456	493	35
8	493	538	45
11	538	565	26.

GEOLOGICAL LOG

From	To	Description
0	80'	No Core
80' 86	86' 117	(1') Oxidised zone. Very weathered amphibolite with some magnetite, pyrite & talc
117	135'6"	Weathered amphibolite
135'6"	149	Fairly massive amphibolite - albite veins
149	164	Weathered amphibolite - some albite
164	173	massive amphibolite - little weathering
173	176	No Core
176	190	Amphib. & magnetite
190'	212'3"	Fine grained massive amphib - some albite veins
212'3"	215'3"	Amphib with little magnetite & much sulphide
215'3"	229'6"	Medium grade magnetite - medium sulphide
229'6"	245'6"	Low grade magnetite & talc little sulphide
245'6"	247'	Mainly Sheared amphibolite
247'	253'	Magnetite talc & pyrite
253'	257'	Soft black clay with pyrite
257'	283'	Sheared amphibolite with magnetite & pyrite
283'	288	Sheared amphibolite
288'	291'	Amphibolite & magnetite
291'	380'	Amphibolite partly Sheared & albite veins
380'	398'	Magnetite & amphibolite
398'	418'	Fine grained massive amphibolite
418'	433'	Magnetite with some amphibolite
433'	454'	Mainly amphibolite - little magnetite
454'	481	Medium grade magnetite - much pyrite
481'	494'	Amphib. & magnetite
494'	617	Mainly magnetite - some pyrite & weathered amphibolite

GEOLOGICAL SECTION

Core / Sample

ASSAY RESULTS

No Core held

Sample No.	From	To	Core	HCl Sol Fe %
3730	80	86	1'	17.7
3731	86	117	14'	18.5
3732	176	190	2'6"	29.6
3733	215'3"	229'6"	3'6"	53.2
3734	229'6"	245'6"	11'	39.9
3735	247'	283'	28'	24.8
3736	288'	291'	2'6"	22.1
3737	380'	398'	18'	28.5
3738	418'	433	12'	47.7
3739	433'	454'	18'	11.9
3740	454'	481'	26'	48.7
3741	481'	494'	12'	32.2
3742	494	514	19'	57.7

554'

54488

DEPARTMENT OF MINES — TASMANIA

DIAMOND DRILL CORE RECORD

271

Hole No.

Drilled by

Core Recovery

Geological Logging by—

Area of Operation

Location of Site

Date Commenced

Date Completed

Reduced Level of Site 32.200

Bearing of Hole

Dip of Hole

Bore Depth

DRILL RECORD

Date 1962	From	To	Core Recov.
June 12	565	593	25'
13	593	621	26
14	621	652	31
15	652	674	20'
18	674	697	23
19	697	703	6.

GEOLOGICAL LOG

From	To	Description
617	640	Fine grained amphibolite - some shearing
640	653	Magnetite with some amphib.
653'	669	Fine grained amphibolite
669	673	Amphibolite - magnetite
673	703	Fine grained amphibolite

GEOLOGICAL SECTION

Core Sample

554'

703'

ASSAY RESULTS

Sample No.	From	To	Core	HCl Sol. Fe %
3743	514	534	19'	52.9
3744	534	554	18'	54.0
3745	534	574	18'	54.4
3746	574	594	17'	54.6
3747	594	617	15'	55.6
3748	640	653	10'	47.9
3749	669	673	3'	44.6.

54488

DEPARTMENT OF MINES — TASMANIA

DIAMOND DRILL CORE RECORD

272 043

Hole No. 16

Drilled by Associated Diamond Drillers

Core Recovery 71%

Geological Logging by— [signature]

Area of Operation Savage River

Location of Site 2500'S., 66'W

Date Commenced 26.4.62

Date Completed 19.6.62

MINE COORDS 20,484 N 20,135 E

Reduced Level of Site ~~943'~~ 910·2

Bearing of Hole ~~289° Mag.~~ 287° 42'

Dip of Hole 60°, 500' - 57°, 600-57°, 700-56°

Bore Depth 703'

32 201

DRILL RECORD

Date 1962	From	To	Core Recov.
Apr. 26	0	45	-
27	45	70	-
30	70	90	-
May 1	90	105	10
2	105	115	3
3	115	141	7
4	141	145	2
7	145	166	3
8	166	173	3
5	173	178	1
6	178	195	5
7	195	204	6
8	204	220	7
1	220	228	2
2	228	240	6
3	240	247	7
4	247	253	2
8	253'	255	-
9	255	270	12
0	270	310	40
1	310	368	58
June 1	368	410	42
5	410	439	28
6	439	456	17
7	456	493	35
8	493	538	45
1	538	565	26

GEOLOGICAL LOG

From	To	Description
0	80	No core
80	86	(1') Oxidised Iron
86	117	Very weathered amphibolite with some magnetite, pyrite and talc
117	135'6"	Weathered amphibolite
135'6"	149	Fairly massive amphibolite - albite veins
149	164	Weathered amphibolite - some albite
164	173	Massive amphibolite - little weathering
173	176	No core
176	190	Amphibolite and magnetite
190	212'3"	Fine grained massive amphibolite some albite veins
212'3"	215'3"	Amphibolite with little magnetite and much sulphide
215'3"	229'6"	Medium grade magnetite - medium sulphide
229'6"	245'6"	Low grade magnetite, talc little sulphide
245'6"	247'	Mainly sheared amphibolite
247'	253'	Magnetite talc and pyrite
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257'	283'	Sheared amphibolite with magnetite and pyrite
283'	288'	Sheared amphibolite
288'	291	Amphibolite and magnetite
291'	380'	Amphibolite partly sheared and albite veins
380'	398'	Magnetite and amphibolite
398'	418'	Fine grained massive amphibolite
418	433	Magnetite with some amphibolite
433	454	Mainly amphibolite - little magnetite
454	481	Medium grade magnetite - much pyrite
481	494	Amphibolite and magnetite
494	617	Mainly magnetite - some pyrite and weather amphibolite

GEOLOGICAL SECTION

Core / Sample

ASSAY RESULTS

Sample No.	From	To	Core	HCl Sol. Fe %	SiO_2	Ti	Mn	P	S	V	Al_2O_3
3730	80	86	1'	17.7							
3731	86	117	14'	18.5							
4250	80	117			17·58	0·20	·05	·03	15·35	·05	2·82
3732	176	190	2'6"	29.6							
4251	176	190			~~21·75~~ 19·17	0·65	·07	·45	5·47	·16	3·07.
3733	215'3"	229'6"	3'6"	53.2							
3734	229'6"	245'6"	11'	39.9							
3735	247'	283'	28'	24.8							
3736	288'	291'	2'6"	22.1							
4252	215	291			17·81	0·34	·09	·22	5·19	·17	3·06.
3737	380'	398'	18'	28.5							
4253	380	398			22·26	0·84	·09	·16	3·6	·21	6·47
3738	418'	433'	12'	47.7							
3739	433'	454'	18'	11.9							
3740	454'	481'	26'	48.7							
3741	481'	494'	12'	32.2							
3742	494	514	19'	57.7							
554' 4254	418	494			15·92	0·42	·08	·12	2·86	·25	3·14

273 QA3

32 202

DRILL RECORD

Date	From	To	Core Recov.
1962			
June			
12	565	593	25
13	593	621	26
14	621	652	31
15	652	674	20
18	674	697	23
19	697	703	6

GEOLOGICAL LOG

From	To	Description
617	640	Fine grained amphibolite - some shearing
640	653	Magnetite with some amphibolite
653	669	Fine grained amphibolite
669	673	Amphibolite and magnetite
673	703	Fine grained amphibolite

GEOLOGICAL SECTION

554'

703'

Core Sample

ASSAY RESULTS

Sample No.	From	To	Core	HCl Sol.Fe	%SiO_2	Ti	Mn	P	S	V	Al_2O_3
3743	514	534	19	52.9							
3744	534	554	18	54.0							
3745	554	574	18	54.4							
3746	574	594	17	54.6							
3747	594	617	15	55.6							
3748	640	653	10	47.9							
3749	669	673	3	44.6							
4255	494	617			4.49	0.45	.11	.13	5.721	.37	1.14
4256	640 669	653 673			11.08	1.19	.12	.02	6.121	.31	3.14