DEPARTMENT OF MINES — TASMANIA

DIAMOND DRILL CORE RECORD

607 043

Hole No. 203

Drilled by Associated Diamond Drillers

Core Recovery 67.2%

Geological Logging by — D.J. Perkin.

Area of Operation Savage River.Tasmania

Location of Site 258 W along trav 250'S;25'S

Date Commenced 5.2.1965

Date Completed 20. 2.1965

MINE COORDS 22533 N 20524E

Reduced Level of Site 941.8

Bearing of Hole 90°

Dip of Hole -55°

Bore Depth 200'

Ref N° 2099

42 039

A 22375

AMG Co-Ords: 351055E 5405072N.

DRILL RECORD

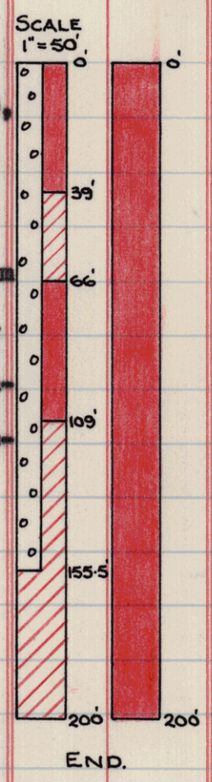
Date 1965	From	To	Core Recov.
5/2	0.0	15.0	9.5
6/2	15.0	29.0	11.8
7/2	29.0	39.0	9.1
8/2	39.0	66.0	24.0
10/2	66.0	81.0	12.1
11/2	81.0	98.0	12.7
12/2	98.0	104.0	3.6
13/2	104.0	109.0	3.4
15/2	109.0	121.0	5.5
16/2	121.0	143.0	9.7
17/2	143.0	155.5	8.2
18/2	155.5	173.0	16.2
19/2	173.0	191.0	6.3
20/2	191.0	200.0	2.3

END OF HOLE

GEOLOGICAL LOG

From	To	Description
0.0	39.0	MAGNETITE (RICH) *Quite oxidised, weakly magnetic to 16.0, moderately magnetic to 21.0, weakly magnetic to 25.0, moderately magnetic to 32.0, moderately to fairly magnetic to 36.0, and weakly magnetic to 39.0 fine-medium grain, massive with moderate amounts of hematite and minor geothite and limonite throughout, with oxidised clayey minerals along fracture planes slightly pitted surface.
39.0	66.0	MAGNETITE (MEDIUM-RICH) - Fairly oxidised, weakly magnetic to 51.0, moderately magnetic 55.0 - 61.0 Fine-medium grain, massive with a fairly pitted surface. Fair amounts of hematite and minor goethite throughout. Limonite and clayey minerals along fracture planes. Zones of massive amph. clay which are hard, friable fine grained and fairly oxidised from 51.0-55.0 and 61.0-65.5
66.0	109.0	MAGNETITE (RICH) From 66.0 to 104.0 the magnetite is fairly oxidised, moderately magnetic. fine-medium grain, massive with a fairly pitted surface. Fair amounts of hematite and minor goethite occur throughout with limonite and

GEOLOGICAL SECTION



ASSAY RESULTS

No Core held.

Sample No. From Ft	From To Ft	CRUDE % Fe	CRUDE WT Recovery	CONCENTRATE (-325 Mesh) % Fe	% SiO2	%Ni	%TiO2
0	17	65.97	16.98	69.54		0.018	0.075
17	34	66.13	60.42	69.70		0.021	0.057
34	51	66.94	47.17	69.46		0.012	0.040
51	66	59.32	50.05	69.29		0.015	0.045
66	86	65.89	78.15	70.02		0.017	0.038
86	100	67.30	84.40	69.18		0.034	0.038
100	115	67.87	91.34	70.23		0.028	0.038
115	132	64.86	85.13	70.32		0.025	0.078
132	149	57.78	73.63	70.72		0.027	0.30
149	166	59.25	73.63	70.56		0.035	0.55
166	183	57.78	73.07	70.56		0.018	0.55
183	200	57.78	75.12	70.07		0.021	0.52

LEGEND			
RICH	55% Fe	MEDIUM LEAN	22% Fe
MEDIUM RICH	44% Fe	LEAN	11% Fe
MEDIUM	33% Fe	AMPHIBOLITE	11% Fe
		ZONE OF OXIDATION	

D.D.H. 205 Continued

608 Qtz

A-22375

DRILL RECORD				GEOLOGICAL LOG			GEOLOGICAL SECTION		ASSAY RESULTS										
Date	From	To	Core Recov.	From	To	Description	Core	Sample	Sample No.	From	To							42	040
				Continued.															
				66.0	109.0	clayey minerals along fracture planes.Amph. clay zones79.0 - 79.3 and 81.0 -82.0 from 104.0 -109.0 the magnetite is only slightly oxidised, quite magnetic, black,fine -medium grain with only minor pitting, moderately friable and contains minor pyrite and minor talc.													
				109.0	200.0	MAGNETITE(MEDIUM RICH) Fine medium grain; from 109.0-124.0 the magnetite is oxidised and quite pitted but moderately magnetic to 121.0 and fairly magnetic to 124.0 - massive with minor hematite,limonite and goethite throughout. From 124.0 to 155.5 the magnetite is only slightly oxidised, strongly magnetic,massive with moderate amounts of pyrite, tremolite-actinolite and minor talc and carbonate minerals throughout. From 155.5 to 200.0,the magnetite is unoxidised, massive with moderate amounts of pyrite tremolite-actinolite and minor talc and carbonate minerals throughout. Several minor vughs and cavities 190.0-200.0													
						END OF HOLE													