603 Q4J

DEPARTMENT OF MINES — TASMANIA

DIAMOND DRILL CORE RECORD

Hole No. 201

Drilled by ASSOCIATED DIAMOND DRILLERS

Core Recovery 72.4%

Geological Logging by —

D. J. PERKIN

Area of Operation SAVAGE RIVER, Tasmania

Location of Site 245' E ALONG TRAV. 250S; 25'S

Date Commenced 14-1-65

Date Completed 22-1-65

MINE COORDS 22560 N 21021 E

Reduced Level of Site 1059.7'

Bearing of Hole 270°

Dip of Hole 0' -55° 150' -56°

Bore Depth 154'

DofM	S & A	CG	CC&M

RECEIVED 24 JUN 1965

ANSWERED

DEPT. OF MINES

REF. NO.

Ref No 2097.

42 033

A 22375 AMG Co-ords: 351207E 5405072N.

DRILL RECORD

Date	From	To	Core Recov.
14/1	0.0	13.0	2.5
15/1	13.0	30.0	6.0
16/1	30.0	47.0	12.9
17/1	47.0	70.0	22.4
18/1	70.0	89.0	15.0
19/1	89.0	112.0	15.4
20/1	112.0	120.0	6.6
21/1	120.0	141.0	18.3
22/1	141.0	154.0	12.4

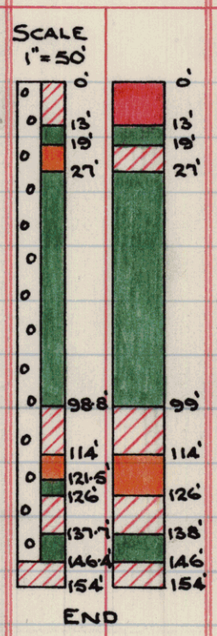
END OF HOLE

GEOLOGICAL LOG

From	To	Description
0.0	2.0	OVERBURDEN
2.0	13.0	Magnetite (Medium Rich) fine - medium grain, fairly oxidised with pitted surface. Fairly massive.
13.0	19.0	Amphibolite, fine - medium grain, fairly oxidised forming a 'clayey' amphibolite, fairly soft.
19.0	27.0	Magnetite (Medium); oxidised sand size particles of magnetite and amphibolite clay minerals - very poor core recovery
27.0	98.8	Amphibolite, fine - medium grain, fairly massive and hard. Fairly oxidised to amphibolite clay - moderately friable.
98.8	114.0	Magnetite (Medium - Rich) fairly fine grain, massive, fairly oxidised and pitted with minor amounts of talc, pyrite and oxidised tremolite - actinolite and amphibolite minerals. Minor quartz veinlets.
114.0	121.5	Magnetite (Medium) Fairly fine grain, massive with a pitted surface. Fairly oxidised with moderate to fair amounts of oxidised amphibolite minerals and moderate tremolite - actinolite and talc.
121.5	126.0	Amphbiolite, fine grained; soft sheared

continued.....

GEOLOGICAL SECTION



ASSAY RESULTS No Core held.

Sample No. From (Ft.)	To (Ft.)	CRUDE %Fe	CRUDE %Ni*	CRUDE %TiO2*	CONCENTRATE (-325 Mesh) Wt.	CONCENTRATE %Fe	CONCENTRATE %Ni*	CONCENTRATE %TiO2*
2	13	65.81			60.53	70.10	0.091	0.47
13	19	(Amph.)						
19	27	52.69			41.27	70.27	0.13	0.40
27	99	(Amph)						
99	114	54.87			52.95	69.78	0.032	0.28
114	126	39.71			30.90	68.89	0.037	0.37
126	138	52.52			64.98	69.78	0.020	0.33
138	146	(Amph)						
146	154	52.84			64.57	70.27	0.060	0.40

LEGEND

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

604 Q43

A-22275

DRILL RECORD				GEOLOGICAL LOG			GEOLOGICAL SECTION		ASSAY RESULTS										42 034
Date	From	To	Core Recov.	From	To	Description	Core	Sample	Sample No.	From	To								
						and broken schistose amphibolite containing chlorite and talc (talc chlorite schist).													
				126.0	137.7	Magnetite (Medium Rich) fine - medium grain, with minor pyrite, tremolite, serpentine, talc and chlorite in blebs and stringers. Slightly oxidised, minor soft clayey amphibolite zones.													
				137.7	146.4	Amphibolite, fine grained with fair amounts of actinolite and minor pyrite, epidote and black iron silicates in blebs and stringers. Soft and slightly oxidised in places.													
				146.4	154.0	Magnetite (Medium Rich) fine - medium grain, fairly massive with moderate pyrite and minor tremolite and talc in blebs and stringers.													
						END OF HOLE.													