81966

DEPARTMENT OF MINES — TASMANIA

DIAMOND DRILL CORE RECORD

D of M | S & A | [illegible] | CC & M | ACIM & E
RECEIVED 7 MAY 1964
ANSWERED
DEPT. OF MINES
REF. NO. 2230/64
328
Q4

Hole No. 25
Drilled by ASSOCIATED DIAMOND DRILLERS
Core Recovery 78%
Geological Logging by— J.E. RIDGWAY

Area of Operation SAVAGE RIVER
Location of Site 20' S of Line 18D - 460' E of 00
Date Commenced 29th Oct 1963
Date Completed 13th Feb 1964

Reduced Level of Site 710'
Bearing of Hole 270°
Dip of Hole 0-65° 100'/65° 200'/65° 300'/65° 400'/65° 500'-65° 600'-64° 700'-64°
Bore Depth 749'

AMG Co-ords: 335204E 5407314N.

Ref No 2056

33 016

Part Core held Plant Room

M.

DRILL RECORD				GEOLOGICAL LOG			GEOLOGICAL SECTION		ASSAY RESULTS					
Date	From Ft.	To Ft.	Core Recov.	From	To	Description	Core	Sample	Sample No.	From	To	Hcl Sol Fe%		
Oct 29	0	10	5	0	14'6"	Magnetite and Ilmonite			2622	0'	8'	66.6	58 28	
30	10	16	4	14'6"	19'6"	Magnetite, Talc and Asbestos			3	8'	12'	66.2		
Nov. 1	16	21	3	19'6"	20'	Yellow Clay			4	12'	14'6"	64.9		Average = 60.8 % Fe
2	21	25	3	20'	21'	No Core			5	14'6"	16'	61.4		
	25	31	4	21'	21'6"	Magnetite and Talc			6	16'	19'6	38.6		
5	31	36	5	21'6"	36'6"	Chloritic Schist			7	19'6"	29'9	13.3		
	36	43	4	36'6"	40'6"	" " fine Magnetite & Pyrite			8	29'9"	34'8"	8.1		
6	43	46	1	40'6"	42'9"	Talc Schist (Fault?)			9	34'8"	36'6"	4.8		
	46	56	5	42'9"	46'	Chloritic and Talc Schist with Magnetite			30	36'9	39'	46.4		
7	56	72	12	46'	49'3"	Magnetite in Talc & Chlorite Schist			1	39'	46'	15.6		
	72	78	4	49'3"	59'6"	Chlorite Schist - Magnetite bearing			2	46'	49'	31.7		
	78	82	2	59'6"	82'	Chlorite & Talc Schist " "			3	49'	60'	6.4		
	82	94	0	82'	83'8"	No Core			4	60'	65'	12.3		
20	94	101	2	83'8"	85'6"	Chlorite Schist - Magnetite bearing			5	65'	70'	6.7		
	101	113	10	85'6	88'8	No Core			6	70'	75'	15.6		
21	113	115	1	88'8"	92'	No Core			7	75'	78'	26.4		
	115	125	3	92'	94'6"	Talc and Chlorite Schist - Magnetite bearing			8	78'	82'	17.6		
22	125	140	6	94'6"	99'	No Core			9	83'8" 85	85' 92	19.2 0?		Aver 9.48 % Fe
	140	157	14	99'	100'3"	Magnetite bearing sludge			40	92' 94'6	94'6" 99	9.2 0?		
25	157	162	5	100'3	101'	Crushed Talcose rock (Fault zone?)			1	99' 102'6	102'6" 142'6"	12.7 0?		
	162	180	18	101'	102'	Talcose & Chlorite sludge and fine Magnetite			2642	142'6"	147'6"	35.3		
26	180	183	3	102'	103'	Talc schist			2643	147'6"	152'6"	17.4		
	183	192	5	103'	106'3"	Slightly Magnetic Amphibolite			4	152'6"	157'6"	16.7		
27	192	218	18	106'3"	109'3"	Amphibolite Chloritic Asbestos			5	157'6"	162'6"	13.2		
29	218'	220	2			Veins at 109' - 25° to core axis			6	162'6"	167'6"	9.8		
Dec. 2	220	235	13	109'3	117'	Altered Amphibolite chloritic			7	167'6 169'6	169'6 172'6"	13.3 0		
3	235	263	24			Shears			8	172'6" 173'	173' 187'3"	11.2 0?		

329843

DRILL RECORD				GEOLOGICAL LOG			GEOLOGICAL SECTION	
Date	From	To	Core Recov.	From	To	Description	Core	Sample
Dec 9	263	268	4	117'	125'	Chlorite Schist		
11	268	274	5	125'	142'6	Contorted Talc & Chlorite Schist		
	274	294	17	142'6	147'6	Sheared Magnetite, Chlorite & Talc		
12	294	314	18	147'6"	148'	Altered Amphibolite - chloritic		
	314	334	20			Shears - little magnetite		
13	334	357	19	148'	169'	Brecciated Magnetite - Talc		
16	357	368	11			vughs of Quartz Crystals		
18	368	383	15			shearing 25° ro parallel to core axis		
	383	395	15	169'	172'6	Serpentinous Amphibolite Talc		
23	395	418	19			and Asbestos Chears 25° to parallel		
24	418	438	20			to core axis		
27	438	458	20	172'6"	173'	Magnetite - Talc lode		
31	458	462	4	173'	187'3"	Amphibolite		
	462	480	12	187'3	189'9	Brecciated Magnetite - pyrite -		
Jan 1	480	501				Amphibolite		
20	501	505	4	189'9"	191'3"	Talc and Asbestos Shear		
	505	518	13			Zone		
21	518	522	4	191'3"	191'9"	Amphibolite		
	522	535	8	191'9"	195'	Sheared Talcose zones in		
22	535	545	10			Amphibolite - little Magnetite		
	545	558	13	195'	213'9"	Amphibolite		
23	558	575	14	213'9"	220'8"	Magnetite & Pyrite Talc Shears		
	575	598	19	220'8"	263'	Serpentinous and Talcose		
24	598	612	14			Amphibolite little Magnetite		
	612	634	20	263'	310'9"	Sheared Talcose Amphibolite		
28	634	643	6			blebs - Pyrite		
Feb	643	646	3	310'9"	336'	Magnetite little Amphibolite & Pyrite		
7	646	650	1	336'	343'	Amphibolite - shearing at 336',336'9" 343'		
	650	669	12	343'	387'3	Soft Amphibolite sheared and shistose		
10	669	680	9	387'3"	414'	Pyritic banded schist shearing		
	680	696	10			25° to core axis		
11	696	711	14	414'	485'6	Banded Calc - Silicate rock?		
12	711	724	13	485'6	491'6	Amphibolite - sheared & pyritised at 486'		

ASSAY RESULTS 33 017

Sample No.	From	To	Hcl Sol Fe%					
2649	187'3	190'9"	18.7					
	190'9	215'6	0%					
2650	215'6"	226'	35.1					
2651	226'	229'	17.5			Aver	9.48%	Fe
2652	229'	238'	31.3					
2653	238'	248'	25.3					
2654	248'	258'	18.4					
	258'	310'9	0%					
72	310'9"	320'9"	57.5					
73	320'9"	330'9"	56			Aver	56.2%	Fe.
74	330'9"	336'	53.8					
	641'	646'6"	32.8					
	661'	662'	27.2					
	682'	684'	33.7					
	731'	733'	21.6					

FACE OPEN CUT AT DRILLHOLE 10 FEET ABOVE COLLAR

	0- 5'	66.8%	
	5'-10'	66.9%	
0'-5'	Sludge sample		66.9%

330 043

33 018

DRILL RECORD				GEOLOGICAL LOG			GEOLOGICAL SECTION		ASSAY RESULTS									
Date	From	To	Core Recov.	From	To	Description	Core	Sample	Sample No.	From	To	Hcl Sol Fe%						
Feb 12	724'	738	10	491'6"	501'	Amphibolite												
	738	749'	10	501'	569'	Amphibolite with bands of (Calc Silicate rock?) banding 80° to parallel to core axis												
				569'	619'	Amphibolite - Calc Silicate rock?) with chloritic shears and Pyrite												
				619'	621'	Amphibolite												
				621'	627'	Chlorite Schist												
				627'	638'6"	Amphibolite												
				638'6"	639'	Fault zone chloritic and Talcose												
				639'	641'	Amphibolite - crushed and chloritic in part												
				641'	646'6	Magnetite and Pyrite in Talcose lode matter												
				646'6"	656'	Sheared and Talcose Amphibolite												
				656'	661'	Sheared Amphibolite												
				661'	662'	Talcose lode magnetite and pyrite												
				662'	682'	Amphibolite and Pyrite												
				682'	684'	Brecciated Magnetite and Pyrite lode												
				684'	731'	Amphibolite and Pyrite												
				731'	733'	Amphibolite - little Magnetite												
				733'	740'	Altered Amphibolite												
				740'	749'	Calc Silicate rock? with shohensided chloritic bands.												