Ref No 2508

1 0008

61951 M5614

DEPARTMENT OF MINES–TASMANIA

Churn Drill Log

2

Area: Thureau Lead **Hole No.** 40 **Line No.** 5 **Grid Reference** 450 S General AMG 603000E 5425000N 1829/63

Crew HH Harper. Date 29/3/63 Clean up by J. Watt Dorset Tin 9/4/63 Shoe Diameter 7 7/8" Factor ·2968 cu. ft. per ft. No Core held.

Section Feet From	Section Feet To	Volume, Cu. ft. Theoretical	Volume, Cu. ft. Bucket	Volume, Cu. ft. Jig	+ ⅛ %	Colours of Gold	Jig Tails	Cassiterite Actual	Cassiterite Adjd.	Value lb. p.c.y.	Formation	Remarks
0	80	24.544	16.662									
75	80		7¾ 1.705								Cemented sandy clay	
80	85		8⅛ 1.787								" " "	
85	90		4⅜ .962								Granite	
90	95		7¼ 1.595								"	
95	100		8⅝ 1.897								"	
100	105		5¾ 1.265								"	
105	110		5⅝ 1.237								"	
110	115		5¾ 1.265			4 1 gr. min.					"	sand, iron from drill, little ilmenite
115	120		9½ 2.090								"	
120	125		6⅜ 1.402								"	
125	130		6 1.320								"	
130	135		5¾ 1.265								"	
135	140		6⅛ 1.347								"	
		42.952	35.799									
								Assay	%	Tr.	Adjusted to 70% Sn.	

s Samples = 1 plus 7 = 8.

2506 220

1 0009

61951 M5614

DEPARTMENT OF MINES–TASMANIA

Churn Drill Log

1679/63

Area: Thureau Lead **Hole No.** 40 **Line No.** 5 **Grid Reference** 4-50 S

Crew Date Clean up by J.Watt 1.4.63 Dorset Tin Shoe Diameter 7 7/8 " Factor .2968 cu. ft. per ft.

Section Feet From	Section Feet To	Volume, Cu. ft. Theoretical	Volume, Cu. ft. Bucket	Volume, Cu. ft. Jig	+ ⅛ %	Colours of Gold	Jig Tails	Cassiterite Actual	Cassiterite Adjd.	Value lb. p.c.y.	Formation	Remarks
0	15		7 1.540				1890gr				Muddy silt & shells	Pyrite Qtz Ilmenite
15	25		9 3/8 2.062								" " " "	
25	30		4 3/8 .962	74"							From 28" Gravel	
30	35		3 1/2 .770	78"			124gr				"	Tr, Sn, 95% Ilmenite Qtz.
35	40		5 5/8 1.237	77"			144gr				"	90% Ilmenite 10% Qtz Tr Sn.
40	45		4 5/8 1.017	72"			168gr				"	Tr Sn. 55% Py 45% Qtz 30% Ilmenite
45	50		3 1/2 .770	60			245gr				Broken stone & Gravel	80% Pyrite 20% Ilmenite
50	55		3 5/8 .797								" " "	Drive casing ahead of bit.
55	60		4 1/4 .935	74"			194gr				" " "	Pyrite 70% Ilmenite 20% Andalusite Sn. Tr.
60	65		4 1/2 .990	66"							" " "	
65	70		3 5/8 .797	73"							Cemented sandy clay	
70	75		16 1/2 3.630								" " "	Casing ahead of bit from 70'
75	80		5 1/4 1.155				33gr				" " "	Qtz 50% Ilmenite 40%
		24.544	16.662									
								Assay	%	Tr	Adjusted to 70% Sn.	

s Samples = 7