

Ref No 2507 216  
3

DEPARTMENT OF MINES-TASMANIA

1 0004

61951 M5614

Churn Drill Log

Area: *Thureau Lead* Hole No. 41 Line No. 5 Grid Reference *250 S* *General* AMG 603000E 5425000N **2325/63**

Crew *L.H. Harper* Date *24/4/63* Clean up by *J. Watt* *8/5/63* Shoe Diameter *7 3/8* " Factor *.2968* cu. ft. per ft. *No core held.*

Section Feet		Volume, Cu. ft.			+ # %	Colours of Gold	Jig Tails	Cassiterite		Value lb. p.c.y.	Formation	Remarks	
From	To	Theoretical	Bucket	Jig				Actual	Adj.				
0	150	46.020	61.406										
150	153		<i>5 1/2</i> 1.210			<i>70 Ag.</i>					<i>Consolidated clayey granite to 151'</i>	<i>By 70% to 92.25% Magnesian SLZrTn Granite at 151'</i>	
		46.940	62.616										
										Assay	%	<i>Ti</i>	Adjusted to 70% Sn.

s Sample # 1 plus 13 = 14

1 0005

Churn Drill Log

Area: *Thurena Lead*

Hole No. 41 Line No. 5 Grid Reference 250S

2023/63

Crew *H.K. Harper* Date *26/4/63*

Clean up by *J. Watt* *23 & 24 4/63* Shoe Diameter *7 3/8* " Factor *.2968* cu. ft. per ft.  
*Dorset Tin*

Section Feet		Volume, Cu. ft.			+ %	Colours of Gold	Jig Tails	Cassiterite		Value lb. p.c.y.	Formation	Remarks
From	To	Theoretical	Bucket	Jig				Actual	Adj.			
0	100	30.680	31.074									
100	105		11 1/2 2.530	84"								
105	110		12 1/2 2.750	95"			60 gr.			Gravelly drift.		50% pyrite 25% hematite 25%
110	115		16 3.520	93"			102 gr.			Sticky clay & gravel		pyrite 70% hematite 20%
115	120		16 1/2 3.575	90"			70 gr.			" " " "		pyrite 75% hematite 25%
120	125		15 3.300				229 gr.			" " " "		" 60% hematite 40%
125	130		14 1/2 3.190				374 gr.			To 132'		" 65% hematite 35%
130	135		8 1.760				258 gr.			132-136' broken rock & gravel.		" 70% hematite 30% hematite 20%
135	140		11 1/2 2.475				2190 gr.			136' Considered clayey gravel		pyrite 80% hematite 20%
140	145		14 3/4 3.245				168 gr.			" " "		pyrite 75% hematite 25%
145	150		18 1/8 3.987				132 gr.			to 151' " " "		" 75% hematite 25%
		46.020	61.406									Bored ahead of casing from 120'
								Assay %		Adjusted to 70% Sn.		

s Samples = 9 plus 4 = 13

DEPARTMENT OF MINES-TASMANIA

61951 M5614

1 0006

Churn Drill Log

Area: *Thurston Lead*

Hole No. 41 Line No. 5 Grid Reference 250 S

Crew *N.H. Harper* Date *26/4/63* Clean up by *J. Watt Dorset Tin* 23 & 24 / 4 / 63 Shoe Diameter *7 3/8* " Factor *.2968* cu. ft. per ft.

Section Feet		Volume, Cu. ft.			+ %	Colours of Gold	Jig Tails	Cassiterite		Value lb. p.c.y.	Formation	Remarks
From	To	Theoretical	Bucket	Jig				Actual	Adj.			
0	30	6 3/8	1.402				152 gr				Muddy silt & shells	60% Sn, 10% Fe, 20% quartz, 10% magnetite
30	35	5 1/2	1.210	70"							Gravel	
35	40	6 1/4	1.375	69"							"	
40	45	6 1/2	1.430	80"			121 grain				Gravel & broken stone	Sn 2% 20% 2% quartz 50% elements
45	50	4 1/4	.935	78"			234 gr.				"	30% quartz 20% elements 20% Fe 7% Sn
50	55	6 1/4	1.375	72"							"	
55	60	8	1.760	69"							"	
60	65	8	1.760	78"			43 gr.				"	96% Sn elements 25%
65	70	13	2.860	88"							Carrelly clay	
70	75	11 3/4	2.585	86"							Carrelly clay (sticklay)	
75	80	19 3/8	4.262	84"							"	
80	85	7	1.540	84"							"	
85	90	11 1/4	2.475	98"							"	
90	95	15 1/2	3.465	80"							"	
95	100	12	2.640	93"							"	
		30.680	31.074									
								Assay	%	Adjusted to 70% Sn.		

s Samples = 4