

Ref No 2502  
 1963  
 General  
 AM6 6030.00E 5425000N

195  
 5

# Churn Drill Log

Area: *Thureau Lead*

Hole No. 46 Line No. 5 Grid Reference 1260N

Crew *N K Harper* Date *20/9/63* Clean up by *J. Watt* 26/9/63  
*Dorset Tin* Shoe Diameter *7 5/8"* Factor *.317* 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	Theor- etical	Bucket	Jig				Actual	Adj.			
0	235	72.098	142.857									
230	235		12 1/2 2.750								<i>Considered Tugayy Granite Granite from 243'</i>	
235	240		25 5.500									
240	245		20 5/8 4.537									
		75.166	155.644									
								Assay	%	<i>True</i>	Adjusted to 70% Sn.	

Samples = nil = 17

194  
4

DEPARTMENT OF MINES-TASMANIA

Churn Drill Log

61951 M5614

SEP 1963

Area: S179/63 Hole No. 46 Line No.          Grid Reference         

Crew          Date          Clean up by J. Watt Shoe Diameter 18/9/63 " Factor          cu. ft. per ft. N

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	195	59.826	86.400									
190	195x	11 <sup>3</sup> / <sub>8</sub>	2.502								<i>Consistent Puggy Gravel</i>	
195	200	35 <sup>1</sup> / <sub>2</sub>	7.810									
200	205	33 <sup>1</sup> / <sub>2</sub>	7.370									
205	210	38	8.360									
210	215	39 <sup>1</sup> / <sub>2</sub>	8.690									
215	220	27	5.940									
220	225	38 <sup>3</sup> / <sub>4</sub>	8.525									
225	230	22 <sup>1</sup> / <sub>2</sub>	4.950									
230	235	10 <sup>1</sup> / <sub>2</sub>	2.310									
		72.098	142.857									
								Assay	%	Adjusted to 70% Sn.		

Samples = nil = 17

195  
X 3  
5030/63  
JWB

61951 M5614

# Churn Drill Log

Area: Hole No. 46 Line No. Grid Reference

Crew Date Clean up by J.Watt 10/9/63 Shoe Diameter " Factor 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	150	46.020	46.718									
150	155		10 $\frac{1}{4}$ 2.255		59 g.			1.	Ti	Cemented Puggy Gravel	May 60 Qtr 30 Pgr 7 Cass 2 Tin 1	
155	160		19 4.180		42				Ti	" " "	May 50 Qtr 45 Pgr 5 Cass - Tin Ty	
160	165		19 4.180							Gravelly Clay		
165	170		6 $\frac{3}{4}$ 1.485							Silty Sand		
170	175		13 2.860		78					Gravel to 170	May 10 Qtr 85 Pgr 5	
175	180		28 $\frac{1}{4}$ 6.215		42					Cemented Puggy Gravel	Qtr 50 Pgr 45 May 5	
180	185		17 $\frac{1}{2}$ 3.795		77					" " "	May 5 Pgr 10 Qtr 85	
185	190		34 $\frac{3}{4}$ 7.645							" " "		
190	195		32 $\frac{1}{8}$ 7.067							" " "		
		59.826	86.400									
								Assay	%	Adjusted to 70% Sn.		

Samples = 5 = 17

196  
2  
1963  
4864/63

# Churn Drill Log

Area: Hole No. 46 Line No. Grid Reference

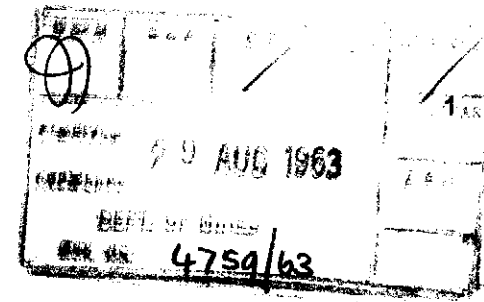
Crew Date Clean up by J. Watt 30/8/63 Shoe Diameter  $7\frac{5}{8}$ " Factor 317 cu. ft. per ft.  
Dorset Tin From 85' only

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	85	26.078	24.500									
85	90		$7\frac{1}{8}$ 1.567	88"	83 gr		8	.02		Drift - WW shales	May 80 Qtr 40 2ir 10 Cass 10	
90	95		$6\frac{7}{8}$ 1.512	87"	54		14	.04		Gravelly Drift.	May 85 Qtr 25 2ir 15 Cass 25	
95	100		$6\frac{7}{8}$ 1.512	78"	38		2	.TV		" "	May 90 Qtr 50 Cass 5 Top 3 2ir 2	
100	105		$12\frac{3}{4}$ 2.805	85"	239		12	.04		" "	May 95 Qtr 240 Cass 5 Top 3 2ir 2	
105	110		$5\frac{5}{8}$ 1.237	88"						" "	Board ahead of casing from 110	
110	115		5 1.100		52		1	.TV		Cemented Puggy Gravel	May 70 Qtr 25 2ir 3 Cass 2	
115	120		$4\frac{1}{4}$ .935		29			.TV		" " "	May 75 Qtr 20 Rutiles 2ir 2 Cass Tr	
120	125		$10\frac{3}{8}$ 2.282							" " "		
125	130		7 1.540							" " "		
130	135		$15\frac{1}{8}$ 3.328							" " "		
135	140		9 1.980							" " "		
140	145		$3\frac{1}{2}$ .770		30					" " "	May 76 Qtr 15 2ir 12 Cass 5 Rut 3	
145	150		$7\frac{1}{2}$ 1.650							" " "		
		46.020	46.718									
								Assay	%	Adjusted to 70% Sn.		

7 Samples plus 5 = 12

61951 M5614

# Churn Drill Log



197

Area: *Thurston Lead* Hole No. 46 Line No. 5 Grid Reference 1200H

Crew *H.H. Harper* Date *22/8/63* Clean up by *J. Watt* Shoe Diameter *7 1/2"* Factor *.3068* 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	10		8" 1.760									
10	15		9 1.980	73"								
15	20		9 1.980	74"								
20	25		5 1/4 1.155	74"			30 grains					
25	30		4 7/8 1.072	74"								
30	35		5 3/8 1.182	81"								
35	40		7 5/8 1.677	75"			45 gr.					
40	45		8 1/4 1.815	74"								
45	50		6 1/8 1.347	78"								
50	55		7 3/4 1.705	80"								
55	60		9 1.980	83"								
60	65		9 1/2 2.090	85"								
65	70		10 1/4 2.255	84"								
70	75		3 7/8 .852	87"			111 grains					
75	80		4 1/2 .990	84"			75 grains					
80	85		3 .660	86"			58 grains		3	.01		
			26.078	24.500								

Samples = 5

Assay

%

Adjusted to 70% Sn.

Qtz 45 Mag 30 Top 20 Pyr 5 Cass. Tr  
 Hden. 50 Zir. 50 Cass = Top. Tr.  
 Mag 7 Pyr 50 Qtz 40 Top 3 Cass Tr  
 Mag 10 Qtz 60 Pyr 30 Cass 20 Top. Tr.  
 Qtz 60 Mag 25 Pyr 10 Cass 5