Ref No 2504

202

DEPT. OF MINES | S & A | C G | CC & M | ACIM | REGISTRAR | E & IB

RECEIVED / ANSWERED — 5 AUG 1963

REG. NO. 4272/63

4

61951 M5614

39 326

DEPARTMENT OF MINES–TASMANIA

Churn Drill Log

General

Area: Thureau Lead **Hole No.** 44 **Line No.** 5 **Grid Reference** 600 N. AMG 603000E 5425000N

Crew H. Harper **Date** 12/7/63 **Clean up by** J.Watt Dorset Tin 30/7/63 **Shoe Diameter** $7\frac{3}{8}$" **"Factor** .2968 **cu. ft. per ft.** No core held.

Section Feet		Volume, Cu. ft.			+ ?	Colours of Gold	Jig Tails	Cassiterite		Value lb.	Formation	Remarks
From	To	Theoretical	Bucket	Jig	%			Actual	Adjd.	p.c.y.		
0	170	52.156	47.132									
170	175		$13\frac{3}{4}$ 3.025								Puggy gravel & Qt-zite stone	
175	180		$10\frac{1}{4}$ 2.255				164 grains				" " " "	30% magnetite 45% qtz 25% pyrite
180	185		8 1.760				132 gr				" " " "	40% magnetite 40% qtz 20% pyrite
185	190		6 1.320				327 gr				" " " "	80% Qtz. 10% Pyrite 10% magnetite
190	192		$7\frac{3}{8}$ 1.622				197 gr				" " "	50% qtz 25% pyrite 25% [illegible]
		58.905	57.114									Bored ahead of casing from 125'.

Assay — % Tr Adjusted to 70% Sn.

s Samples = 4 plus 13 = 17

203

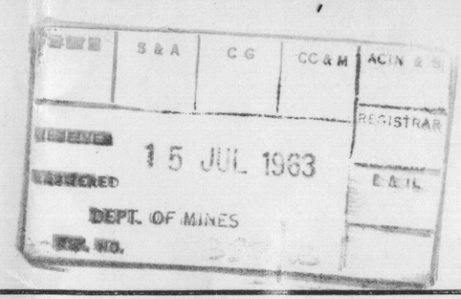
3

DEPARTMENT OF MINES–TASMANIA

61951 M5614

39 327

Churn Drill Log



Area: Thureau Lead. **Hole No.** 44 **Line No.** **Grid Reference**

Crew NH Harper Date 8/9- 7-'63 Clean up by J.Watt Dorset Tin Shoe Diameter " Factor cu. ft. per ft.

Section Feet From	Section Feet To	Volume, Cu. ft. Theoretical	Volume, Cu. ft. Bucket	Volume, Cu. ft. Jig	+ § %	Colours of Gold	Jig Tails	Cassiterite Actual	Cassiterite Adjd.	Value lb. p.c.y.	Formation	Remarks
0	150	46.020	40.257								Puggy gravel & white stone	
150	155		13" 2.860								" " "	
155	160		4¾ 1.045								" " "	
160	165		8 1.760								" " "	
165	170		5½ 1.210								" " "	
		52.156	47.132									

Assay % Adjusted to 70% Sn.

Samples 0 = 13

61951 M5614

39 328

204

2

DEPARTMENT OF MINES–TASMANIA

Churn Drill Log

Area: **Hole No.** 44 **Line No.** **Grid Reference**

Crew Date Clean up by J.Watt Dorset Tin 8/9- 7-'63 Shoe Diameter " Factor cu. ft. per ft.

Section Feet		Volume, Cu. ft.			+ 3/8	Colours of Gold	Jig Tails	Cassiterite		Value lb.	Formation	Remarks
From	To	Theoretical	Bucket	Jig	%			Actual	Adjd.	p.c.y.		
0	80	24.544	19.138									
80	85		$5\frac{1}{8}$ 1.127	88"			64 grains				Gravelly drift + broken stone	Mag. 60% Qtz 25% Pyr. 10% Zir 3% SnO_2 2%
85	90		$5\frac{1}{2}$ 1.210	85"							" " " "	
90	95		$9\frac{3}{4}$ 2.145	96'			88 grains				" " " "	Qtz 50% Pyr 30% Mag 15% Zir 3% SnO_2 2%
95	100		$5\frac{1}{2}$ 1.210	75'			36 gr				" " " "	Qtz 50% Mag 25% Pyr 20% Zir 3% SnO_2 2%
100	105		7 1.540	102"			40 gr				Course gravelly drift.	Mag 50% Qtz 25% Pyr 25% Zir. SnO_2 Tr
105	110		$9\frac{3}{4}$ 2.145	98'			39 gr				Clayey gravel	Mag 50% Qtz 25% Pyr 15% Zir 10% SnO_2 Tr
110	115		$4\frac{3}{4}$ 1.045	91"							" "	
115	120		$5\frac{3}{4}$ 1.265	88"			49 gr				" "	Qtz 40% Pyr 30% Mag 25% Zir 5% SnO_2 Tr
120	125		$5\frac{3}{4}$ 1.265	84"			50 gr				" "	↑ Bored ahead of casing from 125'
125	130		$7\frac{7}{8}$ 1.732								" "	Mag 40% Pyr 40% Qtz 20% SnO_2 Tr
130	135		7 1.540								Cemented clay + basalt chips	
135	140		$8\frac{1}{2}$ 1.870								" " " "	
140	145		$7\frac{1}{2}$ 1.650				39 grains				" " " "	Mag 40% Qtz 36% Pyr 12% Zir 10% SnO_2 2%
145	150		$6\frac{1}{4}$ 1.375								Puggy gravel + quartzite shale	
		46.020	40.257									
								Assay	%		Adjusted to 70% Sn.	

s Samples 8 plus 5 = 13

205

DEPARTMENT OF MINES–TASMANIA

61951 M5614

39 329

Churn Drill Log

Area: **Hole No.** 44 **Line No.** **Grid Reference**

Crew **Date** 8/9- 7-'63 **Clean up by** J.Watt Dorset Tin **Shoe Diameter** **" Factor** **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	10	7 7/8	1.732								Clayey gravel.	
10	15	5	1.100	5'8"							Gravelly drift.	
15	20	3 3/4	.825	60'			35 grains				" "	Mag 50% Qtz 35% Zir 7½% Topaz 7½% SnO_2 Tr
20	25	2	.440	72"			37 grains				" "	Mag 50% Qtz 40% Topaz 5% Zir 3% Pyr 1% SnO_2 1%
25	30	2½	.550	72'							" "	
30	35	3	.660	65"							" "	
35	40	3 7/8	.852	60'							" "	
40	45	6 5/8	1.457	74"							Sticky clay	
45	50	11½	2.530	88'							" "	
50	55	8¼	1.815	86"							" "	
55	60	9¼	2.035	87"							Drift.	
60	65	7 7/8	1.732	92"			305 gr.				"	Pyr. 60% Qtz 30% Mag 10% Zir. SnO_2 Tr.
65	70	4¼	.935	80"		2 packets	506 gr.				"	Qtz 50% " 25% Pyr 25% SnO_2 & Zir Tr
70	75	4¼	.935	81"			65 grains				Gravelly drift & broken stone	Qtz 50% Pyr 30% Mag 20% SnO_2 & Zir. Tr.
75	80	7	1.540	83"							" " " "	
		24.544	19.138									

Assay %

Adjusted to 70% Sn.

s Samples = 5