Ref N 2505 206

5a

61951 M5614

DEPARTMENT OF MINES–TASMANIA

Churn Drill Log

Area:

Hole No. 43 Line No. 5 Grid Reference General AMG 603000E 5425000N

Crew Date Clean up by J.Watt Dorset Tin 8/9- 7-'63 Shoe Diameter " Factor 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	+ # %	Colours of Gold	Jig Tails	Cassiterite Actual	Cassiterite Adjd.	Value lb. p.c.y.	Formation	Remarks
205	210		3¾ .825									
210	215		5¾ 1.265				192 grains					May. 20% Qtz 45% Py. 30% Zr. 3% SnO_2 2%
215	220		6½ 1.430									
220	225		1½ .330									
225	230		4½ .990				1718 grains					Qtz 50% Py. 30% May. 20% Zr. SnO_2 Tr.
								Assay %			Adjusted to 70% Sn.	

Samples 2

207

5

61951 M5614

DEPARTMENT OF MINES–TASMANIA

Churn Drill Log

Area: Thureau Lead. **Hole No.** 43 **Line No.** 5 **Grid Reference** 380 H

Crew N.H. Harper. Date 19/6/63 Clean up by J. Watt 18/6/63 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	+ # %	Colours of Gold	Jig Tails	Cassiterite Actual	Cassiterite Adjd.	Value lb. p.c.y.	Formation	Remarks
0	255	78.234	93.193									
255	260		16	3.520							Cemented Clay & basalt stones	
260	265		15 1/8	3.328							Basalt gravel & clay bands.	
265	270		-								" " " "	
270	272		7	1.540			54 gn				Granite	Mica 25% Qtz & Fel. 25% SnO_2 Tr.
		83.450	101.581									

Assay — % Tr. Adjusted to 70% Sn.

s Samples 1 plus 15 = 16

DEPARTMENT OF MINES–TASMANIA

61951 M5614

Churn Drill Log

Area: **Hole No.** 43 **Line No.** **Grid Reference**

Crew Date 18/6/63 Clean up by J.Watt Dorset Tin Shoe Diameter " Factor cu. ft. per ft.

Section Feet From	To	Volume, Cu. ft. Theoretical	Bucket	Jig	+ # %	Colours of Gold	Jig Tails	Cassiterite Actual	Cassiterite Adjd.	Value lb. p.c.y.	Formation	Remarks
0	190	58.292	64.456									
190	195		11 3/8 2.502								Puggy Gravel & Broken Stone	
195	200		12 2.640				70 gn				" " "	Mag. 33%, Py. 33%. Qtz 33% Zn. Tr.
200	205		17 3.740				20 gn				" " "	Py. 50%. Qtz. 30% Mag 20%
205	210		6 1.320								" " "	
210	215		7 1.540				4 6 gn				Soft Clayey Basal.	Kyt. 60%. Qtz 20% Mag 20% Sn Oz + Zn. Tr
215	220		6 1.320								Cemented Clay & Basalt Stones	
220	225		6 3/4 1.485				5 9 gn				" " "	Qtz + little Mag
225	230		6 3/4 1.485								" " "	
230	235		14 1/8 3.108								" " "	
235	240		5 3/4 1.265								" " "	
240	245		14 7/8 3.272								" " "	
245	250		15 1/4 3.355				+ 8 gn				" " "	Qtz with little Mag + Py.
250	255		7 3/4 1.705									
		78.234	93.193									

Assay % Adjusted to 70% Sn.

s Samples = 5 plus 10 = 15

209

3

61951 M5614

DEPARTMENT OF MINES—TASMANIA

Churn Drill Log

Area: **Hole No. 43** **Line No.** **Grid Reference**

Crew Date Clean up by J. Watt Dorset Tin 11/6/63 Shoe Diameter " Factor cu. ft. per ft.

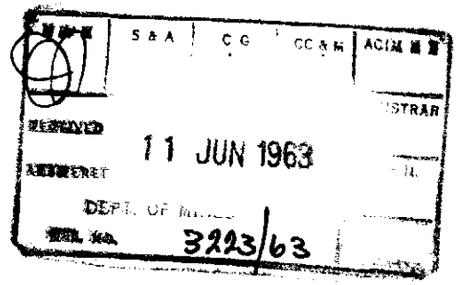
Section Feet From	Section Feet To	Volume, Cu. ft. Theoretical	Volume, Cu. ft. Bucket	Volume, Cu. ft. Jig	+ ⅜ %	Colours of ~~Gold~~ SnO₂	Jig Tails	Cassiterite Actual	Cassiterite Adjd.	Value lb. p.c.y.	Formation	Remarks
0	145	44.486	41.000									
145	150		13⅜ 2.942								Cemented clayey gravel	
150	155		11¼ 2.475			45 gr					" " "	Mag. 45%, Qtz. 33%, SnO_2 7½%, Zir 7½%, Py. 7½%
155	160		12⅝ 2.777			45 gr					" " "	Qtz. 55% Mag 40% SnO_2 2½% Zir. 2½%
160	165		9¾ 2.145			37 "					" " "	Mag. 25% Qtz 25% SnO_2 & Zir. Tr.
165	170		11 2.420								" " "	
170	175		13½ 2.970								Puggy gravel & rotten quartzite stones	
175	180		12⅝ 2.777								" " "	
180	185		11¾ 2.585								Course gravel & br. stone	
185	190		10¾ 2.365								Puggy gravel & br. stone	
		58.292	64.456					Assay	%		Adjusted to 70% Sn.	

s Samples 3 plus 7 = 10

61951 M5614

DEPARTMENT OF MINES–TASMANIA

Churn Drill Log



2

Area: **Hole No. 43** **Line No.** **Grid Reference**

Crew Date Clean up by J.Watt Dorset Tin 4/6/63 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	+ ⅜ %	Colours of Gold SnO2	Jig Tails	Cassiterite Actual	Cassiterite Adjd.	Value lb. p.c.y.	Formation	Remarks
0	85	26.078	23.208									
85	90		4½ .990	80"							Sticky clay	
90	95		9 1.980	78"							Puggy gravel	
95	100		4¼ .935	79"		246 gr					" "	Qtz. 40%. Mag 25%, Pyr 20% SnO2 7/16 2in.
100	105		4⅜ .962	74"		60 gr					" "	Qtz. 55%. Pyr 35%. Mag 10%. SnO2 2in. Tr.
105	110		7¼ 1.595	78"							" "	
110	115		7¾ 1.705	74"							Cemented puggy gravel	
115	120		5 1.100	80"							" + cold shoe	
120	125		7½ 1.650	62"							" " "	
125	130		6½ 1.430								" " "	Bored below casing from 125'
130	135		8 1.760								" " "	
135	140		8¼ 1.815								Cemented clayey gravel	
140	145		8½ 1.870								" " "	
		44.486	41.000					Assay %			Adjusted to 70% Sn.	

s Samples 2 plus 5 = 7

DEPARTMENT OF MINES–TASMANIA

61951 M5614

Churn Drill Log

Area: **Hole No. 43** **Line No.** **Grid Reference**

Crew Date Clean up by J.Watt 4/6/63 Shoe Diameter " Factor cu. ft. per ft.
Dorset Tin

Section Feet From	Section Feet To	Volume, Cu. ft. Theoretical	Volume, Cu. ft. Bucket	Volume, Cu. ft. Jig	+ # %	Colours of Gold SnO2	Jig Tails	Cassiterite Actual	Cassiterite Adjd.	Value lb. p.c.y.	Formation	Remarks
0	10		10½ 2.310								1' of surface soil -10' Clayey gravel	
10	20		6¼ 1.375			60+ gr					Gravelly drift	Mag 60% Qtz 20% Zir 15% Pyr 5% SnO2 Tr
20	25		5⅞ 1.292	34"		114 "					Silty clay	Pyr 66% Qtz 33% SnO2 + Zir Tr.
25	30		4⅜ .962	70"		115 "					" "	Qtz. 60%, Pyr. 20%. Mag 20%, SnO2 + Zir. Tr.
30	35		7½ 1.650	72"							" "	
35	40		16½ 3.630	68"		60 "					Sticky black clay	Pyr. 50%. Qtz 20% Zir 15% Mag. 15%
40	45		4¾ 1.045	72"							" " "	
45	50		4½ .990	79"							" " "	
50	55		9⅝ 2.117	88"							" " "	
55	60		10 2.200	88"							" " "	
60	65		8½ 1.870	84"		27+ "					Gravelly drift & br. stone	Pyr. 40%. Qtz 25% Mag 25% SnO2 6% Zir 3%
65	70		3 .660	78"							" " " "	
70	75		5½ 1.210	70"							" " " "	
75	80		2 .440	76"							" " " "	
80	85		6⅝ 1.457	74"							Puggy gravelly drift	
		26.078	23.208									

Assay % Adjusted to 70% Sn.

s Samples 5