

DEPARTMENT OF MINES-TASMANIA

Churn Drill Log

22038 M5614 196 (68)

Area: Endurance

Hole No. 4 Line No.10W Grid Reference

AMG 577803 E 5451359N

Crew K. Harper

Date 15.11.68

Clean up by F. Smith

Shoe Diameter  $5\frac{5}{16}$ " Factor 0.154

cu. ft. per ft.

No Core held.

Section Feet		Volume, Cu. ft.			+ # %	Colours of Gold	-Fig -Pails % Sn	Cassiterite		Value -lb. OZ.  p.c.y.	Formation	Remarks
From	To	Theor- etical	Bucket	-Fig Core				Actual	Adj.			
0	8										Black mud.	
8	12										Gravel	
12	40										Clayey drift	
40	50										Drift	
50	55										White clay	
55	65										Clayey drift	
65	80										Drift	
80	90										Clayey drift & wood	
90	100										Drift	
100	105	0.27	5/12	80"		15.8	3.0	6.7	8.3		Drift	
105	110		$\frac{1}{2}$	92"		48.6	9.8	6.8	8.4		Drift	
110	115		$\frac{1}{2}$	98"		62.3	47.2	42.0	51.9		Drift, clay & odstone	
115	120		$\frac{1}{2}$	94"		66.3	37.5	35.5	43.9		" " "	
120	125		$\frac{1}{2}$	97"		64.6	25.0	23.1	28.6		" " "	
125	130		$\frac{1}{2}$	98"		66.2	46.3	43.8	54.0		" " "	
								157.9	195.1			
							Assay	%	Adjusted to 70% Sn.			

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# Churn Drill Log

Area: Hole No. 4 Line No. 10 Grid Reference

Crew		Date	Clean up by		Shoe Diameter	" Factor	cu. ft. per ft.				
Section Feet	Volume, Cu. ft.			+ %	Colours of Gold	Jig Tails %Sn	Cassiterite Gms		Value lb. p.c.y.	Formation	Remarks
	From	To	Theoretical				Bucket	Jig			
130	135	0.27	7/12	75"		68.8	71.9	157.9	95.1	Drift, Clay & stone	
135	140	"	5/12			67.6	46.5	44.9	55.4	" " "	
140	145	"	5/12			66.2	50.5	47.7	59.0	Clayey gravel	
145	150	"	5/12			54.1	55.0	42.6	52.5	" "	
150	155	"	5/12			46.3	25.0	16.6	20.5	" "	
155	160	"	5/12			61.3	10.2	8.9	11.0	" "	
160	163							389.2	480.7	Granite	
						37.2	17.4	9.3		Pyrite discard from panning	NOTE From 145'-163' it was again necessary to bore 1" ahead of casing before driving
									15.4		
Assay %									Adjusted to 70% Sn.		

0-160  
100-160  
15.4 oz/oy  
~~14.0~~  
A1