

DEPARTMENT OF MINES-TASMANIA

Churn Drill Log

22038 M5614 196 (63)

Area: Endurance

Hole No. 5 Line No. 107 Grid Reference

AMG 577533E 5459133N

Crew K. Harper

Date 26/11/68

Clean up by F. Smith

Shoe Diameter 5 5/16 Factor 0.154

cu. ft. per ft.

No Core held

Section Feet		Volume, Cu. ft.			+ %	Colours of Gold	Jig Tails % Sn	Cassiterite Gms		Value lb. OZ. p.c.y.	Formation By Driller	Remarks By Dresser
From	To	Theoretical	Bucket	Jig				Actual	70%			
0	10										Black Mud	
10	45										Drift	
45	60										Clayey drift	
60	70										Silty clay & Wood	
70	100										Drift & Clay bands	
100	105										" " "	
105	110	0.77	1/4	53"		36.2	1.4	.73	.90		" " "	Drift
110	115	"	5/8	56"		51.4	5.6	4.13	5.1		" " "	"
115	120	"	5/12	82"		60.3	49.4	42.6	52.6		Pebbly Drift	Drift & Pebbles
120	125	"	1/2			64.7	39.0	36.1	44.6		Drift Pebbles	Drift
125	130	"	7/12			61.4	36.1	31.4	38.8		" "	"
130	135	"	7/12			64.2	76.8	70.5	87.2		Drift & Wood	Drift & Wood
135	140	"	7/12			66.2	155.4	147.2	184.5		" " "	Drift
140	145	"	1/2			65.1	74.4	69.3	85.6		Drift	Drift
								402.0	499.3			
								Assay	%		Adjusted to 70% Sn.	

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Churn Drill Log

22038 M5614 196 (68)

Area:

Hole No.

Line No.

Grid Reference

39 033

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				Actual	Adj %					
145	150	0.77	‡				61.4	67.2	402.0	499.3	Drift	Drift		
150	152						49.5	17.3	59.0	73.0	Gravelly clay	Drift & Granite		
152	155						.01	43.5	12.2	15.2	Soft Granite	Soft Granite		
										473.2	587.4			
										19.3	19.3			
								32.9	30.1	14.2		Pyrite discard from panning		
										487.4				
								Assay	%		19.8	Adjusted to 70% Sn.		

0 - 152 = 19.8 oz/cy  
 100 - 152 = 57.5 " " "