

Ref No 2378

DEPARTMENT OF MINES-TASMANIA

Churn Drill Log

22038 M5614 195 (68)

Area: Endurance

Hole No. 7 Line No. 10W Grid Reference AMG 577521E 5459166N

Crew K. Harper

Date 18/12/68

Clean up by F. Smith

Shoe Diameter 5^{5/16} Factor 0.15.4 cu. ft. per ft.

No Core held

Section Feet		Volume, Cu. ft.			+ # %	Colours of Gold	Tin % Sn	Cassiterite Gms		Value OZ. p.c.y.	Formation	Remarks	
From	To	Theoretical	Bucket	Jig				Actual	Adj.				
0	1 1/2										Black soil	No samples taken above 100' but all checked for tin Character of wash changed at 110'. No core measurement as casing was a head of pump to 115'	
1 1/2	3 1/2										Clay		
3 1/2	25										Clayey gravel		
25	55										Drift		
55	82										Drift and wood		
82	85										" "		
85	95										Gravelly drift		
95	99										Black sediment		
99	105										Pebbly wash		
105	110	.77	5/6			66.1	84.3	79.6	98.4		" "		Drift and wash
110	115	"	1/3			57.9	19.9	16.5	20.4		Gravelly clay	Drift and clay	
115	120	"	1/3			39.6	9.8	5.7	7.0		Soft granite	Clay and garnet	
120	123										" "		
								101.8	125.8				
									5.2	5.2			
							Assay	%	Adjusted to 70% Sn.				
												0'-120'	5.2 oz/cy
												100'-120'	30 oz/cy