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DEPARTMENT OF MINES-TASMANIA

Ref No 2544 287

Churn Drill Log

61951 M5614

Area: Thureaux Lead
ST. HELENS

Hole No. 4 Line No. 1 Grid Reference 300 S. General
AMG 601400E 5424900N

Crew _____ Date _____ Clean up by J. Watt
Dorset Tin Shoe Diameter 7 1/2" "Factor .3068 cu. ft. per ft. No Core held.

Section Feet	Volume, Cu. ft.			+ %	Colours of Gold	Jig Tails	Cassiterite		Value lb. p.c.y.	Formation	Remarks		
	From	To	Theoretical				Bucket	Jig				Actual	Adj.
S 0	5	1.534	3 3/4" - .825				57		0-2	Travel			
	5	1.534	6 - 1.320						-9	Clayey Drift			
	10	1.534	10 - 2.200										
	15	1.534	7 1/2 - 1.650						-20	White Clay			
	20	1.534	8 1/2 - 1.870						-25	Drift			
S	25	1.534	5 1/2 - 1.155				86						
S	30	1.534	4 1/2 - .990				170	0.43	-35	" plus 1/4" stone (Gritty Clay)			
	35	1.534	4 - .880				55						
S	40	1.534	5 - 1.100				70		-46	Gritty Clay			
	45	1.534	5 - 1.100						-50	Clay			
S	50	1.534	7 3/4 - 1.705				38						
S	55	1.534	7 1/2 - 1.595				44						
S	60	1.534	8 1/2 - 1.815				58						
S	65	1.534	8 1/2 - 1.815				40						
	70	1.534	11 1/2 - 2.53				63			Clay + grit			
	75	1.534	11 1/2 - 2.53						-75	B.R. ? Detrital Clay + Grit			
0	75						681	0.11	-80	B.R. Granite			
									-82 1/2				
		24.544	25.080				Assay 10.88%	0.2	Adjusted to 70% Sn.				

S Sample enclosed.

J.M.