

DEPARTMENT OF MINES-TASMANIA

61951 M5614

39 188

Churn Drill Log

Area: Ct. Hurtlebert Pl.

Hole No. 18

Line No. 18 1/2

Grid Reference

AMG 579379 mE

5471931 mN

E 574062 N 960529

Crew K. Harper

Date 16/2/68

Clean up by K. Harper

Shoe Diameter 7 1/4" Factor

cu. ft. per ft.

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.			
0	5		?			2.55	9.4	.34		Zone sand	} sand & sand.	
5	10			61						Silty sand		
10	15		?	63		1.15	8.8	.15		" "	Silty sand	
15	20		?	66		1.1	7.5	.12		Clay & sand	Clay & sand	
20	25		4"	89		5.31	24.3	1.84		Circletly drift	Circletly drift.	
25	30		4"	95		9.11	17.9	2.34		" "	" "	
30	35		4	89		10.7	4.6	.69		Silty sand	Silty sand.	
35	40		3"	91		4.56	5.3	.35		Zone sand	Zone sand.	
40	45		4	90		1.6	6.0	.11		" "	" "	
45	50		-	77						Silty sand & wood	-	
50	55		-	81						" " "	-	
55	60		3	76		4.86	13.1	.90		" " Wash at 59'	Silty sand & wood.	
60	65		4	86		22.1	8.6	2.72		Wash	Wash 1" - 4"	
65	70		5"	99		38.9	8.2	4.47		"	" "	
70	75		4"	104		30.2	4.0	1.73		"	" Clay & sand 1/2" - 3'	
								15.76				
								Assay	%		Adjusted to 70% Sn.	

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Area:

Hole No. 18 Line No. 18 1/2 Grid Reference

Crew		Date	Clean up by			Shoe Diameter	" Factor	cu. ft. per ft.				
Section Feet	Volume, Cu. ft.			+ 8 %	Colours of Gold	Jig Tails	Cassiterite		Value lb. p.c.y.	Formation	Remarks	
	From	To	Theoretical				Bucket	Jig				Actual
75	80		3 1/2	94		11.9	3.5	.60		Wack.	Wack Clay & sand 1/2" - 3"	
80	85		?	93		3.56	10.9	.55		"	Wack 1/2" - 3"	
85	90		?	93		11.9	31.6	5.38		Clay from 88'	Wack x Clay 1/2" - 3"	
90	93									Clay bottom		
							22.29					
							Assay	%	Adjusted to 70% Sn.			

90' — 0.05 lbs/cyd.