

DEPARTMENT OF MINES-TASMANIA

61951 M5614

# Churn Drill Log

Area: *Ct. Northern Pl.* Hole No. *21* Line No. *18 1/2* Grid Reference *AMG 579928mE 5471938mN*  
*E 579 662 N 960529*

Crew *Z. Smith* Date *26-1-68* Clean up by *Z. Smith* 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	Adj.			
0	5		4			1.2	4.0	.07		silt to silty clay	silty clay	
5	10				58							
10	15		2"	61		2.7	3.2	.12		Zone sand from 8'	Zone sand.	
15	20			63								
20	25		2 1/2	62		3.3	4.0	.19		Zone sand. Clay 15'-16'	Zone sand	
25	30		4 1/4	68		5.0	1.7	.12				
30	35			77						" "	" "	
35	40			87						" "	" "	
40	45			89						" "	" "	
45	50			88						" "	" "	
50	55			90						" "	" "	
55	60			87						Silty clay	Silt & wash 1/2" - 3"	
60	65		4"	89		38.3	10.0	5.49	.21			
65	70		3	94		45.8	24.5	11.20	.42	Wash from 63'	Wash 1/2" - 3"	
70	75		3	99		29.5	28.0	11.80	.44	Wash	Wash = Clay 1/2" - 3"	
75	77								1.07	clay & gravel		
77	85									clay bottom.		
								Assay	%	Adjusted to 70% Sn.		

*WL 8'*  
*75' - Tlt. 0.07*