

DEPARTMENT OF MINES-TASMANIA

61951 M5614

Churn Drill Log

Area: *CY Harthern Pl.*

Hole No. *22* Line No. *19* Grid Reference

AMB 580109mE

5472091mN

E 599 862

N 460 695

Crew *Harper*

Date *24/11/69*

Clean up by *F Smith*

Shoe Diameter *7 9/16"* 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		6"	64"			<i>12.504</i>	8.7	.09		<i>Soil & sand.</i>	<i>fine sand & clay</i>	
5	10		4 1/2	83"				12.9	.12		<i>sand. some clay from 6'</i>	<i>fine sand.</i>	
10	15		4	89"				8.8	.11		<i>fine sand</i>	<i>fine sand.</i>	
15	20			74"			1.43	5.8			<i>" "</i>	<i>fine sand & silty clay.</i>	
20	25			20"			<i>1.43</i>	5.8	.12		<i>silty clay</i>	<i>" "</i>	
25	30			78"			<i>2.65</i>	7.2	.27		<i>clay</i>	<i>silt & sand</i>	
30	35	1		89"			<i>4.00</i>	5.0	.29		<i>"</i>	<i>"</i>	
35	40			68"			1.00	5.0	.29		<i>"</i>	<i>clay</i>	
40	45			81"			<i>39.7</i>	15.1	8.15		<i>Gravel to wash at 4.5'</i>	<i>clay wash. 1/2" - 3"</i>	
45	50		2 1/2"	93			<i>41.4</i>	26.7	15.80		<i>wash</i>	<i>wash 1/2" - 3"</i>	
50	55		3				<i>25.0</i>	19.2	6.83		<i>clay & sand</i>	<i>clay & gravel.</i>	
55	60										<i>clay bottom.</i>	<i>Bored ahead approx 58'</i>	
60	63											<i>Water at 5'</i>	
								31.78					
								Assay	%	0.10			Adjusted to 70% Sn.

60

0.10