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DEPARTMENT OF MINES-TASMANIA

Ref No. 2523
 RECEIVED 9 OCT 1962
 4803/62
 JMB (3)

61951 M5614

Churn Drill Log

Area: *Threan's head* Hole No. 25 Line No. *4* Grid Reference 100 N

General
 AMG. 600000 E 5428500 N

Crew *W.A. Harper* Date *19/9/62* Clean up by *J. Watt* 2 & 3 /10/62. Shoe Diameter *7 3/8* " Factor *1.2968* cu. ft. per ft. *No Core held.*

Section Feet		Volume, Cu. ft.			+ 8 %	Colours of Gold	Jig Tails	Cassiterite		Value lb. p.e.y.	Formation	Remarks
From	To	Theoretical	Bucket	Jig				Actual	Adj.			
0	100	30.680	30.824									
100	105		<i>7 1/2"</i> 1.650			<i>54 grains</i>			<i>.13</i>	<i>Consolidated clay & gravel Bored below casing. Basalt. (Substrate about 90% of range 105-109)</i>		
100	105		<i>5 1/2"</i> 1.210			<i>52 grains</i>			<i>.14</i>			
105	109		<i>5 3/4"</i> 1.265			<i>101 grains</i>						
		33.441	34.949									
		Assay %						Adjusted to 70% Sn.				

3 Samples enclosed; (3).

1 0001

DEPARTMENT OF MINES-TASMANIA

61951 M5614

Churn Drill Log

Area: *Thurston Head* Hole No. 25 Line No. 4 Grid Reference 100 N

Crew *HM Harper* Date *21/9/62* Clean up by *J. Watt 18 & 20/9/62* Shoe Diameter *7 1/2* " Factor *1.2968* cu. ft. per ft.
Dorset Tin

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	10	$8\frac{3}{8}$	1.842				126 grams		.16		0-1 Surface soil 1-3 Black sand 3-7 Cement drift 7-10 Clayey drift	
10	15	$8\frac{7}{8}$	1.952	74'								
15	20	7	1.540	78"								
20	25	9	1.980	78"							-25 Puggy drift	
25	30	$9\frac{1}{2}$	2.035	86'							Crilly clay	
30	35	$7\frac{3}{8}$	1.622	83							White Puggy drift	
35	40	$6\frac{1}{8}$	1.347	77								
40	45	$6\frac{1}{2}$	1.430	82								
45	50	$6\frac{3}{8}$	1.512	81								
50	55	$6\frac{1}{2}$	1.375	85'			27 grams		.07			
55	60	$5\frac{1}{2}$	1.155	83								
60	65	$5\frac{3}{8}$	1.265	88								
65	70	5	1.100	88								
70	75	$7\frac{3}{8}$	1.622	86			28 grams		.07			
75	80	6	1.320	92			46 grams		.11			
		24.544	23.097									
							Assay	%	<i>FA.</i>	Adjusted to 70% Sn.		

Samples enclosed, (4).