

1 0044

DEPARTMENT OF MINES-TASMANIA

2518 212

61951 M5614

Churn Drill Log

MEM	S.A.	GG	CC&M	ACIM
				2
15 NOV 1962				

Area: *Thurcan x Lead.* Hole No. 30 Line No. 4 Grid Reference 500 SCrew *N.H. Harper* Date *9/11/62* Clean up by *J. Watt* 13/11/62 Shoe Diameter *7 1/2* " Factor *.3068* cu. ft. per ft.
Dorset Tin

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	70	21.476	22.300									
70	75	7 3/4	1.705	82"		38 grains				Yellow clayey drift.		
75	80	9	1.980	86"						Red "		
80	84	4 3/4	1.055	81"						Gravelly clay & 1/4" stone		
80	84	4 3/4	1.045									
84	90	3 7/8	.852			54 grains				Consolidated gravel & mudstone		
85	90	4 1/2	.990			62 grains				Basalt gravel & clay	at 50' from	Bottom below casing from 84'
90	95	2 3/4	.605			78 grains				"		
90	95	3	.660							"		
95	100	5 1/2	1.210			188 grains				"		
95	100	3 3/8	.742			503 grains				"		
100	105	5 1/8	1.127			374 grains				"		
105	110	6 3/4	1.485			200 grains				"		
105	110	4	.880			76 grains				"		
		33.748	36.626			1930						
* Assay ± 5 %										.81	Adjusted to 70% Sn.	

9 Samples

* Estimated.

1 0045

DEPARTMENT OF MINES-TASMANIA

61951 M5614

Churn Drill Log

2518 243
 12 NOV 1962
 5423/62

Area: *Thureaux Lead* Hole No. 30 Line No. Grid Reference 500 S.

Crew *H.M. Harper* Date *9/11/62* Clean up by *J. Watt* *6/11/62* Shoe Diameter *7 1/2* " Factor *.3068* 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.			
s 0	5		5 3/4 1.265			49 grains					0-2 Surface soil	10% Sn
	5	10	7 1/2 1.650	80'								
s 10	15		6 3/4 1.485	72'		41 grains					-15' white clayey drift	est 25-30% Sn
s 15	20		7 1/4 1.595	70'		39 "						
	20	25	7 1/2 1.650	73'								
	25	30	7 3/8 1.622	70'								
	30	35	7 1/2 1.650	79'							-25' Yellow clayey drift: Sticky yellow clay	est 10-15% Sn
	35	40	8 1/8 1.787	71"								
s 40	45		7 1/2 1.650	79'		30 grains						
s 45	50		6 7/8 1.512	68'		44 "						
s 50	55		7 7/8 1.732	73'		50 "						
s 55	60		5 1/4 1.155	70'		26 "					-60' white clayey drift	
s 60	65		7 3/8 1.622	74'		47 "					Red " "	
s 65	70		8 3/4 1.925	75'		31 "					Yellow " "	
			21.476	22.300								
								Assay	%	Adjusted to 70% Sn.		

s Samples enclosed = 9.