

1 0022

DEPARTMENT OF MINES-TASMANIA

Ref No 2512
J. Watt
 250

61951 M5614

Churn Drill Log

Area: *Thurston Level* Hole No. 36 Line No. 2 Grid Reference 1300 S
 General AMG 600 000 E 54 250 000 N.
 742/63 *J. Watt*

Crew *N.H. Kniper* Date *25/1/63* Clean up by *J. Watt* 5/2/63 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.			
0	115	35.282	37.616									
115	120		6 1/4 1.375								<i>limestone pebbly gravel</i>	
120	125		5 1/2 1.210								<i>"</i>	
120	125		5 1/4 1.155								<i>122' Decomposed granite.</i>	
125	126		2 3/4 .605								<i>"</i>	
		38.656	41.961									
							Assay	%	<i>Nil</i>	Adjusted to 70% Sn.		

Samples 0 = 12

1 0023

DEPARTMENT OF MINES-TASMANIA

Churn Drill Log

61951 M5614

Area: *Thurston Lead.* Hole No. 36 Line No. Grid Reference 1300 S

2512
 FEB 1963
 REG. NO. 563/63

Crew *NK 14 men.* Date *25/1/63* Clean up by *J. Watt* 29/1/63 Shoe Diameter *7 1/2* " Factor *.2068* 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	75	23.010	23.455									
75	80		5" 1.100	69"		140gr					white puggy drift with gold streaks	pyrite - qty.
80	85		7 7/8" 1.732	81"							"	"
85	90		7 3/4" 1.705	81"							"	"
90	95		7 1/2" 1.595	111"		490 gr					Gravelly drift. (2')	pyrite
95	100		6 1.320			97gr					Cemented puggy gravel - white streaks	Bored below casing pyrite from 95'
100	105		3 7/8" .852								"	pyrite
100	105		6 1.320			61gr					"	"
105	110		8 1/4" 1.815								Basalt from 106'	
105	110		7 1.540			223					Basalt.	Mainly Siliceous. Also garnet, pyrite etc
110	115		5 3/8" 1.182								Cemented puggy gravel	
		35.282	37.616									
							Assay	%			Adjusted to 70% Sn.	

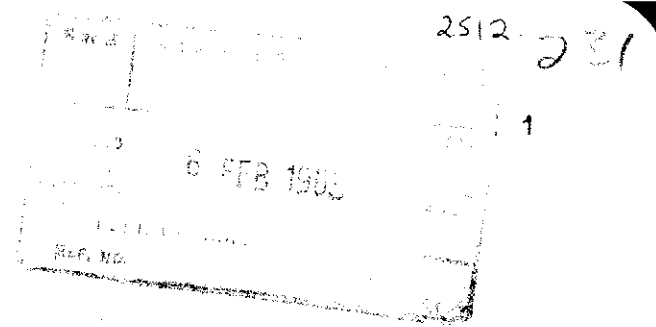
s Samples = 5 plus 7 = 12

1 0024

DEPARTMENT OF MINES-TASMANIA

Churn Drill Log

61951 M5614

Area: *Bureau Lead.* Hole No. 36 Line No. 2 Grid Reference 1300 SCrew *NK Harper.* Date *28/1/63* Clean up by *J. Watt* 29/1/63 Shoe Diameter *7 1/2* " Factor *.3068* 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		$4\frac{1}{2}$.990				69 gr				0-3 Gravelly surface.	
5	10		$6\frac{1}{8}$ 1.347	67"			30 gr				3-10 Clayey drift	
10	15		$5\frac{3}{4}$ 1.265	68"							white clayey drift	
15	20		$5\frac{1}{4}$ 1.155	69"							" " "	
20	25		5 1.100	58"							yellow drift	
25	30		$6\frac{3}{4}$ 1.485	72"			350 gr				Drift + bands of clay	Pyrite, quartz, shale with pyrite
30	35		$5\frac{1}{2}$ 1.210	72"			46 gr				with wood.	
35	40		$6\frac{5}{8}$ 1.457	74"							white puffy drift	
40	45		$8\frac{3}{4}$ 1.925	79"			80 gr.				odd stones	qtz pyrite
45	50		$9\frac{7}{8}$ 2.172	77"							"	
50	55		$6\frac{5}{8}$ 1.457	69"							"	
55	60		$7\frac{5}{8}$ 1.677	72"							"	
60	65		$8\frac{1}{4}$ 1.815	76"			54 gr				"	pyrite lenses qtz
65	70		$9\frac{1}{4}$ 2.035	78"							"	
70	75		$10\frac{3}{4}$ 2.365	85"			31 gr				"	lenses qtz
			23.010	23.455								
								Assay	%	Adjusted to 70% Sn.		

s Samples = 7