

DEPARTMENT OF MINES-TASMANIA

Churn Drill Log

EL 6/68

40 338

22038 M5614 198 (68)

Area: Texins Dev. Pty. Ltd.  
South Mt. Cameron

Hole No. 6

Line No.

Grid Reference

AMG 579160E 5457320N

Crew K. Harper

Date 2/6/70

Clean up by M. Kerison

Shoe Diameter 7 1/2" Factor .306  
5 5/16" .154

cu. ft. per ft.

No Core held

Section Feet		Volume, Cu. ft.			+ i %	Colours of Gold	Jig Tails % Sn.	Cassiterite		Value lb. p.c.y.	Formation Drillers Report	Remarks
From	To	Theoretical	Bucket	Jig				Actual	Adj.			
0	2		11/12			3.6	2.5				Surface soil	
2	4					2.5	3.6	0.15	0.05		Cemented gravel	
4	5					0.4	4.3				Clay & gravel	
5	10					0.2					" " "	
10	15	1.53	1	70"		0.4	4.3		Tr		Silty white clay	
15	20	"	1 1/3	99		0.2	3.0		"		Clay and gravel	
20	25	"	2/3	88		0.2	1.1		"		" " "	
25	30	"	1/2	72		0.3	0.6		"		" " "	
30	35	"	7/12	76		0.6	0.4		"		" " "	
35	40	"	7/12	67		0.6	2.1		"		" " "	
40	45	"	2/3	68		0.9	1.4		"		" " "	
45	50	"	3/4	62		0.9	1.1		"		" " "	
50	55	"	3/4	64		0.6	1.3		"		" " "	
55	60	"	7/12	78		1.1	0.8		"		" " "	
								Assay	%	Adjusted to 70% Sn.		

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40 339

Area: Hole No. Line No. Grid Reference

Crew Date Clean up by Shoe Diameter " Factor cu. ft. per ft.

Section Feet		Volume, Cu. ft.			+ %	Colours of Gold	Jig Tails % Sn	Cassiterite		Value lb. p.c.y.	Formation	Remarks
From	To	Theoretical	Bucket	Jig				Actual	Adj.			
60	65	1.53	3/4	65		2.9	3.2	.13		Clay and gravel		
65	70	"	2/3	66		4.4	1.5	.10		" "		
70	75	"	7/12	76		3.0	3.7	.16		" "		
75	80	"	1/2	93		1.9	0.8	.03		" "		
80	85	"	1/3	72		1.4	1.7	.03		Sand and clay		
85	90	"	5/12	67		1.0	11.7	.17		" "		
90	95	"	3/4	71		5.5	7.3	.57		Clayey gravel		
95	100	"	2/3	75		6.9	8.1	.80	0.5	Do wash at 98'		
100	105	"	5/6	75		11.4	4.3	.70		Clayey gravel & wash		
105	110	"	11/12	74		15.1	3.6	.78		" " "		
110	115	"	1 1/12	69		14.0	4.0	.80		" " "		
115	120	"	1/2	69		8.9	2.7	.34		" " "		
120	125	"	1/2	71		0.56	13.4	.11		" " "		
125	130	"	5/12	69		310.9	Tr			Silty clay, wood, pyrite		
130	135	0.76	1/3	64		292.3	"			" " " "		

Bored 1' ahead and drove casing from 140'-170'  
5" casing from 132'

Assay

%

Adjusted to 70% Sn.

22038 M5614 196 (88)

# Churn Drill Log

40 340

Area: Hole No. Line No. Grid Reference

Crew		Date	Clean up by		Shoe Diameter	" Factor	cu. ft. per ft.				
Section Feet	Volume, Cu. ft.			+ %	Colours of Gold	Jig Tails % Sn	Cassiterite		Value lb. p.c.y.	Formation	Remarks
	From	To	Theoretical				Bucket	Jig			
135	140	0.76	3/8	78'		Tr	81.2			Clay and gravel	
140	170	"	1 1/2			Tr	383.2			Soft Granite	
170	175	"	3/8			Tr	29.8			" "	
175	180	"	1			Tr	79.2			" "	
180	185	"	1 1/2			Tr	53.2			" "	
185	190	"	1 1/6			0.19	58.6			" "	
190	195	"	1 1/2			"	90.9			" "	
195	198	"	1 1/2			"	103.5			" "	
198	202	"				"				Hard granite	
						Seconds	0.19	267.3			

Bored ahead and drove casing from 140-148'

Assay % Adjusted to 70% Sn.

125' = Tr.