

DEPARTMENT OF MINES-TASMANIA

39 102

61951 M5614

Churn Drill Log

AMG 580296mE 5471637mN

Area: *Gr Hartburn Pl.* Hole No. 23 Line No. 17 1/2 Grid Reference E 580 062 N 980 196

Crew *Harper* Date *26/10/67* Clean up by *J Smith* Shoe Diameter *7 9/16*" Factor cu. ft. per ft.

Section Feet		Volume, Cu. ft.			+ 8 %	Colours of Gold GMS Coco.	Jig Tails 70 Sn	Cassiterite		Value lb. p.c.y.	Formation	Remarks
From	To	Theoretical	Bucket	Jig Core				Actual GMS. 70%	Adj.			
0	5		6"		3.9		2.52	.14			soil = clay	sand & clay
5	10			56"							clayey gravel	
10	15		3"	67	2.0		1.59	.05			" "	sand
15	20		4"	69	2.7		4.46	.17	.01		fine sand	sand.
20	25		5"	79	22.4		9.18	2.93	.11		Gravel	sand & gravel 1/2" - 2"
25	30		4"	83	27.3		19.1	7.44	.28		"	sand.
30	35		3"	81	31.9		15.8	7.15	.27		"	"
35	40		4"	86	74.9		21.2	23.60	.85		" clay = wood 38'	gravel & clay
40	45		4"	78	13.1		12.3	2.30	.09		clay, gravel & wood	clay.
45	50		5"	89	20.2		.73				sticky clay	clay.
50	60										clay bottom.	
								42.78		0.18		
								Assay %		Adjusted to 70% Sn.		

~~50~~ 45 ————— 0.18 lbs/c.y.