

DEPARTMENT OF MINES-TANZANIA

Churn Drill Log

61951 M5614

AMG 580841ME 5471948mN

Area: *G4 Northern Pl.* Hole No. 26 Line No. 18 1/2 Grid Reference E 580662 N 960529

Crew *Harpel* Date _____ Clean up by *F Smith* Shoe Diameter *7 9/16*" Factor _____ cu. ft. per ft. _____

Section Feet		Volume, Cu. ft.			+ 3 %	Colours of Gold	Jig Tails	Cassiterite		Value lb. p.c.y.	Formation	Remarks
From	To	Theoretical	Bucket	Jig				Actual	Adj.			
0	5		8"			2.56	3.7	.13		<i>Soil & hardpan</i>	<i>Sand, clay & hardpan</i>	
5	10			73						<i>Clayey sand.</i>		
10	15		4"	69		1.70	4.1	.10		<i>True sand</i>	<i>True sand.</i>	
15	20		4"	72		2.0	3.3	.10		<i>True sand to clay & 1/4"</i>	<i>" " & clay</i>	
20	25		3 1/2"	77		12.1	14.1	2.47		<i>Clay gravel to gravel</i>	<i>Sand & gravel 1/2" - 2"</i>	
25	30		3 1/2"	46"		3.02	4.5	5.45		<i>Wash</i>	<i>Wash 1/2" - 2"</i>	
30	35		3"	84"		4.36	4.5	2.71		<i>Fobby gravel</i>	<i>Sand & Gravel</i>	
35	40		4"	84"		2.80	4.4	1.41		<i>" "</i>	<i>True sand.</i>	
40	45		4"	74		2.13	2.7	.72		<i>Silty sand</i>	<i>" "</i>	
45	50		4 1/2"	80		1.67	12.8	.31		<i>" "</i>	<i>" "</i>	
50	55		4"	74		.71	11.8	.12		<i>" "</i>	<i>" "</i>	
55	60		3"	81		.84	4.1	.11		<i>Soft silty clay</i>	<i>Silty clay & sand.</i>	
60	65		3	95		4.31	8.7	.54		<i>Gravel & clay</i>	<i>Silty clay & Gravel.</i>	
65	70		6"	46		23.4	26.3	9.40		<i>Wash</i>	<i>Wash 1/2" - 3"</i>	
70	75		5"	91		48.2	53.2	36.80		<i>" "</i>	<i>" 1/2" - 3"</i>	
							60.37					
							Assay	%			Adjusted to 70% Sn.	

See page 2.

61951 M5614

Churn Drill Log

Area: Hole No. 26 Line No. 18 1/2 Grid Reference

Crew		Date	Clean up by		Shoe Diameter	" Factor	cu. ft. per ft.						
Section Feet		Volume, Cu. ft.			+ 3	Colours of Gold	Jig Fails	Cassiterite		Value lb. p.c.y.	Formation	Remarks	
From	To	Theoretical	Bucket	Jig	%			Actual	Adj.				
75	78		2"				40.0	20.6	68.37 11.75		With 40 gravel & clay at 76' with 1/2" - 3" Clay bottom	Bored ahead to 79'	
78	86								72.2			Water at 8	
								Assay	0.17%	Adjusted to 70% Sn.			

78' ————— 0.17%