

Bore Line .....

Bore No. G.B.11

Location. 3 feet east D.M. Bore No. 93

R.L. Surface 258.0 (reference to Govt. Bore plan Datum)  
148.0 (referred to approx. sea level.)

BORE RECORD

3 0166

AREA Scotia

Plant Tas. Dept. of Mines 5<sup>th</sup> Percussion

Driller D. Brown

Commenced Tuesday July 22nd, 1958 8.00 a.

Finished Thursday July 24th, 1958, 2.00 p

General AMG 584900 E 5468100 N No core held.

Ref No 3182

Sample No	Value lbs/c.yard	Depth of Section	Total Depth	Description of Ground	Volumes	Remarks
1	Nil	5'	5'	Grey sandy clays, red brown mottling due to surface ferruginisation.	0.85	(0.70)
2	Nil	5'	10'		1.50	(1.40)
3	Nil	5'	15'	Unsorted light grey clayey sandstones. Fine to medium grained quartz in a white clay matrix.	0.78	(0.70)
4	Nil	10'	20'		1.33	(1.40)
5	Nil	10'	30'		1.12	(1.40)
6	Nil	5'	45'	Light brown unsorted sandstone, fine silty sand matrix.	1.534	(1.40)
7	Nil	5'	50'			
8	Nil	10'	60'	Light brown unsorted sandstone. Coarse angular to subrounded quartz grains in a fine silty sand matrix. Lignitic material and carbonaceous partings are characteristic.	1.534	(1.40)
9	Nil	5'	65'		0.57	(0.70)
10	Nil	5'	70'	Light brown sandstone, fairly even in grain but slightly silty.	0.70	(0.70)
		5'	75'		0.48	(0.42)
11	Nil	1'	76'	Coarse grit. Unsorted subangular quartz and quartzite fragments in a fine sand matrix.	0.48	(0.42)
		3'	79'		0.63	(0.70)
12	Nil	5'	84'	Coarser wash band at 79' with pebbles up to 1"	0.63	(0.70)
		1'	85'		0.67	(0.70)
13	Nil	4'	89'	Dark brown carbonaceous sands. Coarse quartz grains in a carbonaceous silty matrix.	0.48	(0.42)
		3'	92'			
14	Nil	5'	97'	Coarse grits with narrow fine silty sandstone carbonaceous sands and shales and wash bands at intervals.	1.22	(1.19)
		2'6"	99'6"			
15	4.89 oz/yd.	0'9"	100'3"	Wash subangular to rounded quartz and quartzite pebbles up to 1 1/2" in an unsorted gritty matrix.		
			100'6"			
16		0'9"	101'	Mottled grey slates and sandy slates.		

GRAPHIC LOG

RED: Shingle wash  
ORANGE: Fine pebbly wash  
YELLOW: Drift (Coarse sand)  
Green: Fine sand  
BLUE: Silt  
GREY: Clay



Footage

93

3182

Rough concentration by J. Campbell  
 Cleanup by Dorset Tin

SCREENINGS and CLEANUP

3 0167

Supervised by J. H. Rattigan

Sample No.	No. of measuring Buckets	Cubic feet Cores	+ $\frac{3}{8}$	- $\frac{3}{8}$	Volume x Calculations	Volume Washed	Weight Concentrate	Weight heavy mineral less Cassiterite	Weight Cassiterite	Screen Analysis (Cassiterite)	Proportions of gold or other economic by products	Check Tails	Remarks
1	1-2"	0.85		0.85									
2	2-6 $\frac{1}{2}$ "	1.50		1.50									
3	1-3"	0.78		0.78									
4	2-9"	1.33		1.33									
5	2-11"	1.19		1.19									
6	2-9"	1.33		1.33									
7	2-9"	1.33		1.33									
8	1-6"	0.56		0.56									
9	1-4"	0.70		0.70									
10	1-7"	0.48		0.48									
11	1-5"	0.63		0.63									
12	1-4 $\frac{1}{2}$ "	0.67	Tr.	0.67									
13	1-7"	0.48	Tr.	0.48									
14	) 2-10 $\frac{1}{2}$ "	1.22	0.20	1.02	1.22				0.22	+ 50	36%		) Samples bulked establishing volume close to theoretical.
15										+100	45%		
16										-100	19%		

DRUMS	SCREEN ANALYSIS
1" = .074 c.ft.	+ 16
	+ 30
	+ 50
Tubes	+ 100
1ft. = 0.14 c.ft.	+ 150
5ft. = 0.70 c.ft.	+ 200
	- 200

Calculations and Corrections by J. H. Rattigan

Samples 14-16 8'6" 0.22 oz. Values in section  $\frac{0.22}{1.22} \times 27 = 4.89$  oz/yard

Weighted values  $\frac{8.5 \times 4.89}{100.5} = 0.41$  oz/yard.

Total Depth 100.5 ft.		VALUE
Overburden	92.0 ft. 91.9%	0.41 oz/yard
Paywash	8.5 ft. 8.4%	
Sand	ft. %	0.026 lb/yard
Clay	ft. %	
Shingle and Pebble beds	1 ft. .1%	
Overburden	11	
Paywash	1	
Percentage Oversize	+ Tr. %	

Plan No M25