



Rough concentration : J. Campbell  
 Cleanup by Dorset Tin

SCREENINGS and CLEANUP

3 0188

Supervised by J. H. Rattigan

Sample No.	No. of measuring Buckets	Cubic feet Cores	+ 3/8	- 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	3-4"	3.70	N11	3.70		0.25			N11				
2	3-5"	3.63	N11	3.63		0.25			N11				
3	2-6"	1.56	N11	1.56		0.25			N11				
4	2-7"	1.48	N11	1.48		0.25			N11				
5	2-6"	1.56	N11	1.56		0.50			N11				
6	2-7"	1.48	N11	1.48		0.50			N11				
7	1-4"	0.74	N11	0.74		0.14			Tr.				
8	1-10"	0.26	Tr.	0.26		0.26			0.34 oz.	+ 50 44% +100 41% -100 15%		Tr.	
9	1-10"	0.26	Tr.	0.26		0.26			0.47 oz.	+ 50 53% +100 38% -100 9%		Tr.	
Spillings									Tr.				

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

Sample 8 1.75' 0.26 c.ft. 0.34 oz. Values in section  $\frac{0.34 \times 27}{0.26} = 35.36$  oz/yard.

Sample 9 1.75' 0.26 c.ft. 0.47 oz. Values in section  $\frac{0.47 \times 27}{0.26} = 48.88$  oz/yard.

Weighted values of hole =  $\frac{(35.36 \times 1.75) + (48.88 \times 1.75)}{98.25} = 1.50$  oz/yard.

Total Depth 98'3 ft.		VALUE
Overburden	94'9ft. %	1.50 oz/yard 0.094 lb/yard.
Paywash	3'6 ft %	
Sand	ft %	
Clay	ft. %	
Shingle and Pebble beds	%	
Overburden	94.75	
Paywash	3.5	
Percentage + Oversize	Tr. %	