

101
 Rough concentration by J. H. Rattigan
 Cleanup by Dorset tin

SCREENINGS and CLEANUP

3 0179

Ref No 3186

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 | 2-7" | 1.44 | Nil | 1.44 | | 0.25 | | | | | | | |
| 2 | 2-8" | 1.37 | Nil | 1.37 | | 0.25 | | | | | | | |
| 3 | 1-3" | 0.78 | Nil | 0.78 | | 0.78 | | | | | | | |
| 4 | 1-1" | 0.89 | Nil | 0.89 | | 0.89 | | | | | | | |
| 5 | 1-6.2" | 0.50 | Tr. | 0.50 | | 0.50 | | | | | | | |
| 6 | 1-3.1" | 0.74 | 0.19 | 0.55 | | 0.74 | | 0.31 | | + 50 20% +100 61% | | | |
| 7 | 1-11.2" | 0.13 | Tr. | 0.13 | | 0.13 | | oz. -100 19% | | | | | |
| Spillings | 1-6.5" | 0.48 | Nil | 0.48 | | 0.48 | | | | | | | |
| Check tails | | | | | | | | | | | | | |

| 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 6 3.5' 0.31oz. 0.74 c.ft. Values in section $\frac{0.31}{0.74} \times 27 = 11.3$ oz/yd.
 Weighted value of hole $\frac{11.3 \times 3.5}{95.5} = 0.42$ oz./yard.

| Total Depth 95.5 ft. | | VALUE |
|-------------------------|-------|----------------|
| to bottom | | |
| Overburden 92.0 ft. | % | 0.42oz. |
| Paywash 3.5 ft. | % | 0.026 lb/yard. |
| Sand | ft % | |
| Clay | ft. % | |
| Shingle and Pebble beds | % | |
| Overburden 95.5 | | |
| Paywash 3.5 | | |
| Percentage + | % | |
| Oversize | | |