

DEPARTMENT OF MINES-TASMANIA

Churn Drill Log EL 6/68

40 332

22038 M5614 196 (68)

Texins Development Pty.Ltd.

Area: South Mt Cameron

Hole No. 8 Line No. Grid Reference

AMG 579260 E 5457390 N.

Crew K. Harper

Date

Clean up by H.J. Kerrison

Shoe Diameter $\frac{6}{5}$ $\frac{5}{16}$ " Factor .216
 $\frac{5}{16}$ " .154

cu. ft. per ft. No Core held

| Section Feet | | Volume, Cu. ft. | | | + 8 % | Colours of Gold | Jig Tails % Sn | Cassiterite Gms | | Value $\frac{+}{-}$ OZ p.c.y. | Formation | Remarks |
|--------------|----|-----------------|---------------|---------------|-------|-----------------|----------------|-----------------|------|-------------------------------|-------------------------|--------------|
| From | To | Theoretical | Bucket | In Jig Casing | | | | Actual | Adj. | | | |
| 0 | 5 | 1.08) | 1 1/6 | | | 4.4 | 4.7 | | | | Soil & cemented gravel. | |
| 5 | 10 | | | | | | | | | | | Clayey drift |
| 10 | 15 | | 2/3 | 56" | | 1.2 | 5.5 | | | | " " | |
| 15 | 20 | | $\frac{3}{4}$ | 56" | | 1.2 | 3.4 | | | | Drift | |
| 20 | 25 | | $\frac{1}{2}$ | 60" | | .52 | 4.0 | | | | Clayey gravel | |
| 25 | 30 | | $\frac{3}{4}$ | 82" | | .14 | 14.1 | | | | " " | |
| 30 | 35 | | $\frac{3}{4}$ | 84" | | .71 | 6.6 | | | | wood, clay & drift | |
| 35 | 40 | | 5/6 | 84" | | .61 | 5.8 | | | | clayey drift | |
| 40 | 45 | | 5/12 | 71" | | .94 | 1.9 | | | | " " | |
| 45 | 50 | | $\frac{3}{4}$ | 67" | | .75 | 1.7 | | | | " " | |
| 50 | 55 | | 5/12 | 69" | | .71 | 2.1 | | | | silty clay | |
| 55 | 60 | | 5/12 | 64" | | 1.1 | 1.8 | | | | " " | |
| 60 | 65 | | 5/12 | 56" | | 2.4 | 7.2 | | | | Drift & wash | |
| 65 | 70 | | 5/12 | 62" | | 5.3 | 4.6 | | | | " " | |
| 70 | 75 | | 1/3 | 72" | | .94 | 9.6 | | | | Clay & gravel | |
| | | | | | | | | Assay | % | Adjusted to 70% Sn. | | |

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22038 M5614 196 (68)

40 333

Area: Hole No. Line No. Grid Reference

Crew Date Clean up by Shoe Diameter " Factor cu. ft. per ft.

| Section Feet | | Volume, Cu. ft. | | | + 3 % | Colours of Gold | Jig Tails % Sn | Cassiterite Gms | | Value -lb. OZ p.c.y. | Formation | Remarks | |
|--------------|-----|-----------------|--------|---------------|-------|-----------------|----------------|-----------------|------|----------------------|-------------------------|----------------------------|--|
| From | To | Theoretical | Bucket | In Jig Casing | | | | Actual | Adj. | | | | |
| 75 | 80 | | 7/12 | 65" | | | 3.3 | 2.3 | | | Clay and gravel | | |
| 80 | 85 | | 7/12 | 58" | | | .52 | 20.4 | | | " " | | |
| 85 | 90 | | 2/3 | 67" | | | .42 | 30.6 | | | " " | | |
| 90 | 95 | | 3/8 | 68" | | | .80 | 26.5 | | | " " | | |
| 95 | 100 | | 7/12 | 66" | | | 7.0 | 5.0 | 0.50 | .4 | | | |
| 100 | 105 | 0.77 | 5/12 | 51" | | | 5.8 | 2.7 | .23 | .3 | | Reduced to 5" | |
| 105 | 110 | | 5/12 | 46" | | | 10.8 | 2.4 | .37 | .4 | | | |
| 110 | 115 | | 7/12 | | | | 24.2 | 12.8 | 4.4 | 6.7 | Cemented gravel & clay. | Too tight to drive casing | |
| 115 | 120 | | 1/2 | | | | 45.9 | 16.4 | 10.7 | 16.3 | " " " | ahead from 110' | |
| 120 | 125 | | 5/12 | | | | 3.9 | 16.4 | .91 | | Decomposed granite | Bored ahead and then drove | |
| 125 | 172 | | | | | | | | | | " " | from 110' to 172' | |
| 172 | 175 | | | | | | | | | | Solid granite | | |
| | | | | | | | Seconds | 1.3 | 45.3 | | | | |
| | | | | | | | | Assay | % | Adjusted to 70% Sn. | | | |

120' 1 oz/c.y.