Sheet 1

Ref No. 2436

DEPARTMENT OF MINES–TASMANIA

61951 M5614

# Churn Drill Log

AMG 579746mE 5471783mN

**Area:** Gt. Northern Pl. **Hole No.** 20 **Line No.** 18 **Grid Reference** E 579462 N 960362

Crew Harper Date 1/9/67 Clean up by J. Smith Shoe Diameter 7 9/16" Factor cu. ft. per ft.

| Section Feet From | Section Feet To | Volume, Cu. ft. Theoretical | Volume, Cu. ft. Bucket | Volume, Cu. ft. Jig Conc | + ⅜ % | Colours of Gold Conc. Cum. | Jig Tails % Sn | Cassiterite Actual | Cassiterite Adjd. | Value lb. p.c.y. | Formation | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 2 | 5' | | | | | | | | | | |
| 2 | 5 | | | | | | | | | | Soil | |
| 5 | 10 | 4" | | 63" | | | | | | | Sand | |
| 10 | 15 | 4 | | 69" | | | | | | | " | |
| 15 | 20 | 4½ | | 71" | | | | | | | Clayey sandy. | |
| 20 | 25 | 5 | | 69" | | | | | | | " " | |
| 25 | 30 | 4 | | 80" | | | | | | | Sand | |
| 30 | 35 | 4 | | 76" | | | | | | | " | |
| 35 | 40 | 6 | | 81" | | | | | | | Clayey sandy. | |
| 40 | 45 | 8 | | 82" | | | | | | | Silty sand | |
| 45 | 50 | 4 | | 80" | | | | | | | " " | |
| 50 | 65 | — | | | | | | | | | " " | |
| 55 | 60 | — | | 8-2" | | | | | | | Clay | |
| 60 | 65 | 2½ | | 71" | | | | | | | | |
| 65 | 70 | 4 | | 84" | | | | | | | | |
| 70 | | | | | | | | | | | | |
| | | | | | | | | | 6379 | 2.372 | | |
| | | | | | | | | Assay | % | | Adjusted to 70% Sn. | |

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# Churn Drill Log

**Area:** Gt Northern Pl. **Hole No.** 20 **Line No.** 18 **Grid Reference**

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

| Section Feet From | Section Feet To | Volume, Cu. ft. Theoretical | Volume, Cu. ft. Bucket | Volume, Cu. ft. Jig | + ⅜ % | Colours of Gold | Jig Tails | Cassiterite Actual | Cassiterite Adjd. | Value lb. p.c.y. | Formation | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 63·79 | 2·372 | | |
| 70 | 75 | 4 | | 63 | | | | 31·3 | 23·65 | ·88 | Mica Clay at 73' | |
| 75 | 80 | | | | | | | | 87·44 | 3·25 | Clay Bottom | Bored about 2' of clay from 74' |
| | | | | | | | | | | ·217 | | |

Assay [redacted] %

Adjusted to 70% Sn.

75' — 0·22 lbs/c y/.