

DEPARTMENT OF MINES-TASMANIA

61951 M5614

39 180

Churn Drill Log

Area: *Qt. Hartlem Pl.* Hole No. *23* Line No. *18* Grid Reference

AMG 580295mE 5471789mN
E 580 062 N 960 362

Crew *Harper* Date *27/9/67* Clean up by *F. Smith* Shoe Diameter *7 1/16"* Factor cu. ft. per ft.

| Section Feet | | Volume, Cu. ft. | | | + % | Colours of Gold | Jig Tails | Cassiterite | | Value lb. p.c.y. | Formation | Remarks |
|--------------|----|-----------------|--------|----------|-----|-----------------|-----------|-------------|-------|------------------|----------------------|----------------------|
| From | To | Theoretical | Bucket | Jig Core | | | | Actual | Adj. | | | |
| 0 | 5' | 7* | | | | | 7.6 | 2.7 | 1.29 | .01 | Soil - cemented sand | |
| 5 | 10 | | | 65 | | | 3.6 | 1.2 | 0.8 | .00 | Like sand | |
| 10 | 15 | 4 | | 69 | | | 3.5 | 2.5 | 1.0 | .00 | Clayey sand | |
| 15 | 20 | ? | | 68 | | | 5.0 | 8.5 | .39 | .01 | " " | |
| 20 | 25 | ? | | 78.77 | | | 11.9 | 8.0 | 1.36 | .05 | Clayey gravel | |
| 25 | 30 | 3 | | 72 | | | 14.4 | 32.5 | 6.90 | .26 | " " Wash from 33 | |
| 30 | 35 | 3 | | 76 | | | 16.3 | 29.4 | 6.85 | .26 | Wash | |
| 35 | 40 | 4 | | 81 | | | 15.0 | 30.0 | 6.40 | .24 | " | |
| 40 | 45 | 4 | | 88 | | | 105.1 | 48.4 | 72.60 | 2.76 | " | |
| 45 | 50 | 6 | | 93 | | | 47.4 | 49.2 | 33.40 | 1.25 | " | |
| 50 | 55 | 5 | | 92 | | | 118.9 | 28.5 | 58.10 | 1.85 | Clayey gravel | Bored ahead from 62' |
| 55 | 60 | 2 | | 93 | | | 348.7 | 178.47 | 6.92 | | Clay Bottom | |
| 60 | 70 | | | | | | | | | | | |

60' → 56 1/16" / .04