



61951 M5614

# Churn Drill Log

1963

Area:

Hole No. 47 Line No. Grid Reference

General  
AMB.

Crew Date Clean up by J. Watt 1/10/63 Shoe Diameter " Factor cu. ft. per ft. No core held.  
Dorset Tin

| Section Feet |     | Volume, Cu. ft. |        |     | +<br>%     | Colours of Gold | Jig Tails | Cassiterite |      | Value lb. p.c.y.                                      | Formation                               | Remarks |
|--------------|-----|-----------------|--------|-----|------------|-----------------|-----------|-------------|------|---|---|---------|
| From         | To  | Theoretical     | Bucket | Jig |            |                 |           | Actual      | Adj. |   |   |         |
| 0            | 80  | 24.544          | 24.501 |     |            |                 |           |             |      |   |   |         |
| s 80         | 85  | 7               | 1.540  | 85" | 93 gr.     |                 | 9         | .03         |      | Sand = shells   | May 20 Pyl 40 Qtz 25 Grs 10 Zr 5%       |         |
| 85           | 90  | 6 1/4           | 1.375  | 43" |            |                 |           |             |      | Gradually clay + <del>Dr Stone</del> <sup>stet.</sup> |   |         |
| s 90         | 95  | 5 1/2           | 1.210  | 86" | 50 gr.     |                 | 2 1/2     | .01         |      | Geopellat drift + <del>Dr Stone</del>                 | May 40 Qtz 25 Pyl 25 Grs 5 Zr 3         |         |
| 95           | 100 | 6               | 1.320  | 83" |            |                 |           |             |      | Connolly drift  |   |         |
| s 100        | 105 | 6               | 1.320  | 86" | 27 1/2 gr. |                 |           | Tr          |      | Crushed Puggy Gravel.                                 | May 50 Qtz 25 Pyl 12 Zr 5 Grs 5 Top 3   |         |
| s 105        | 110 | 8               | 1.760  | 88" | 35 1/2 gr. |                 |           | Tr          |      | " " "   | May 40 Qtz 30 Pyl 15 Zr 10 Grs 5%       |         |
| s 110        | 115 | 5 3/4           | 1.265  |     | 46 gr.     |                 |           | .01         |      | " " "   | May 50 Qtz 20 Pyl 10 Zr 10 Grs 5%       |         |
| s 115        | 120 | 20 3/8          | 4.482  |     | 50 gr.     |                 |           | Tr          |      | " " "   | May 50% Qtz 35% Pyl 10% Grs 3% Zr 2%    |         |
| 120          | 125 | 6 1/2           | 1.430  |     |            |                 |           |             |      | " " "   | Bored below casing from 110'            |         |
| 125          | 130 | 9 1/4           | 2.035  |     |            |                 |           |             |      | " " "   |   |         |
| 130          | 135 | 17              | 3.740  |     |            |                 |           |             |      | " " "   |   |         |
| s 135        | 140 | 15              | 3.300  |     | 428 gr.    |                 | 21        | .05         |      | " " "   | 60% May 15% Qtz 15% Pyl 5% Grs 5% Top 2 |         |
| 140          | 145 | 19 1/4          | 4.235  |     |            |                 |           |             |      | " " "   |   |         |
| s 145        | 150 | 20              | 4.400  |     | 124 gr.    |                 | 4         | .01         |      | " " "   | 40% May 35% Qtz 20% Zr 3% Grs 2% Zr     |         |
|              |     | 46.020          | 57.913 |     |            |                 |           |             |      |   |   |         |
|              |     |                 |        |     |            |                 |           | Assay       | %    | Adjusted to 70% Sn.                                   |   |         |

s Samples = 8 = 9

