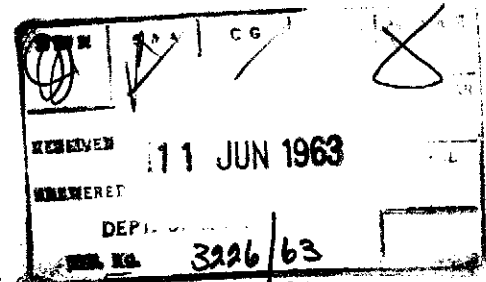


61951 M5614

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DEPARTMENT OF MINES-TASMANIA

Churn Drill Log



Ref No 2506
4

Area: *Thouren Lead* Hole No. 42 Line No. 5 Grid Reference *80 AMG. 6030 5425000 N*

General

Crew *NH Harper* Date *22/5/63* Clean up by *J. Watt* 27/5/63 Shoe Diameter *7 7/8"* Factor *.2968* cu. ft. per ft. *No Core held.*

Dorset Tin

| Section Feet | | Volume, Cu. ft. | | | + # % | Colours of Gold <i>SnO₂</i> | Jig Tails | Cassiterite | | Value lb. p.c.y. | Formation | Remarks |
|--------------|-----|-----------------|---------|-----|------------------|---|-----------|-------------|------|---------------------|--|---|
| From | To | Theoretical | Bucket | Jig | | | | Actual | Adj. | | | |
| 0 | 190 | 58.292 | 75.178 | | | | | | | | | |
| 185 | 190 | $7\frac{3}{4}$ | 1.705 | | <i>130 1/2 g</i> | | | | | | <i>Combined clayey ground</i> | <i>Qtr Py = Mag. Tr of SnO₂ = 2ir.</i> |
| 190 | 195 | $15\frac{3}{8}$ | 3.382 | | <i>66 "</i> | | | | | | <i>" " "</i> | <i>Qtr with Py = Mag. Tr SnO₂</i> |
| 195 | 200 | <i>13</i> | 2.860 | | | | | | | | <i>" " "</i> | |
| 200 | 205 | $15\frac{1}{4}$ | 3.355 | | <i>267 g</i> | | | | | | <i>with soft clayey bands.</i> | <i>Qtr with Mag. = Py.</i> |
| 205 | 210 | $8\frac{3}{4}$ | 1.925 | | <i>294 "</i> | | | | | | <i>" " "</i> | <i>Tr. = Qtr. 10% Py.</i> |
| 210 | 215 | $7\frac{3}{8}$ | 1.622 | | <i>48 1/2 "</i> | | | | | | <i>" " "</i> | <i>Qtr 80% Mag 10% Py 10% SnO₂ 2ir. Tr</i> |
| 210 | 215 | $7\frac{3}{4}$ | 1.705 | | <i>59 "</i> | | | | | | <i>" " "</i> | <i>" " "</i> |
| 215 | 220 | $14\frac{1}{2}$ | 3.190 | | | | | | | | <i>" " "</i> | |
| 220 | 225 | $14\frac{1}{4}$ | 3.135 | | <i>238 "</i> | | | | | | <i>" " "</i> | <i>Qtr 85% Py 10% Mag 5% 2ir. Tr</i> |
| 225 | 230 | $15\frac{3}{4}$ | 3.465 | | | | | | | | <i>" " "</i> | |
| 230 | 235 | $15\frac{7}{8}$ | 3.492 | | | | | | | | <i>" " "</i> | |
| 235 | 240 | $15\frac{3}{8}$ | 3.382 | | | | | | | | <i>" " "</i> | |
| 240 | 245 | <i>16</i> | 3.520 | | | | | | | | <i>to 243 bands of drift- 243 granite.</i> | |
| | | 75.166 | 111.916 | | | | | | | | | |

Assay ? % *Tr.* Adjusted to 70% Sn.

s Samples 7 plus 11 = 18

DEPARTMENT OF MINES-TASMANIA

61951 M5614

1 0002

Churn Drill Log

27 MAY 1963

Area:

Hole No. 42 Line No. Grid Reference

2793/63

2506

Crew Date Clean up by J. Watt Dorset Tin 13/5/63 Shoe Diameter " Factor cu. ft. per ft.

| Section Feet | | Volume, Cu. ft. | | | + % | Colours of Gold SnO ₂ | Jig Tails | Cassiterite | | Value lb. p.c.y. | Formation | Remarks |
|--------------|-----|-----------------|---------------|--------|-----|-------------------------------------|-----------|-------------|------|---------------------|------------------------|--|
| From | To | Theoretical | Bucket | Jig | | | | Actual | Adj. | | | |
| 0 | 130 | 39.884 | 48.203 | | | | | | | | | |
| 125 | 130 | | 6" 1.320 | 9 1/2" | | | | | | | Cemented clayey gravel | |
| 130 | 135 | | 7 3/8" 1.677 | 9 1/2" | | | | | | | " " " | |
| 135 | 140 | | 7 1/2" 1.650 | 9 1" | | 38 1/2 g | | | | | " " " | Mag 50% Qtz 45% Zn 3% SnO ₂ 2% |
| 140 | 145 | | 17 1/2" 3.795 | 9 0" | | | | | | | " " " | |
| 145 | 150 | | 8 7/8" 1.952 | 9 0" | | | | | | | " " " | |
| 150 | 155 | | 17 1/2" 3.795 | 9 6" | | | | | | | " " " | Qtz 60% Mag 35% Zn 5% SnO ₂ 5% |
| 155 | 160 | | 7" 1.540 | | | 35 g | | | | | " " " | Bored below casing from 155' |
| 160 | 165 | | 7 1/2" 1.705 | | | | | | | | " " " | |
| 165 | 170 | | 6 3/8" 1.457 | | | 32 1/2 g | | | | | " " " | Qtz 40% Mag 30% Py 25% SnO ₂ 3% Zn 2% |
| 170 | 175 | | 7 7/8" 1.732 | | | | | | | | " " " | |
| 175 | 180 | | 8 7/8" 1.952 | | | | | | | | " " " | |
| 180 | 185 | | 14 1/4" 3.135 | | | 77 g | | | | | " " " | Py 50% Qtz 45% Mag 5% Zn SnO ₂ Tr. |
| 185 | 190 | | 5 1/2" 1.265 | | | 84 1/2 | | | | | " " " | Qtz 50% Py 40% Mag 10% SnO ₂ Tr. |
| | | 58.292 | 75.178 | | | | | | | | | |
| | | | | | | | | Assay % | | Adjusted to 70% Sn. | | |

s Samples = 5 plus 6 = 11.