

DIAMOND DRILL CORE RECORD

Hole No. 248
 Drilled by GLINDEMANN & KITCHING
 Core Recovery 80%
 Geological Logging by —
T. MUNRO

Area of Operation SAVAGE RIVER, TAS.
 Location of Site 22970 N ; 20931 E
 Date Commenced 22 - 10 - 1966
 Date Completed 10 - 11 - 1966

Reduced Level of Site 1050.7
 Bearing of Hole 90°
 Dip of Hole 0° 120° 240°
-45° -46° -45° 30'
 Bore Depth 300.0 42 203

726
 P43

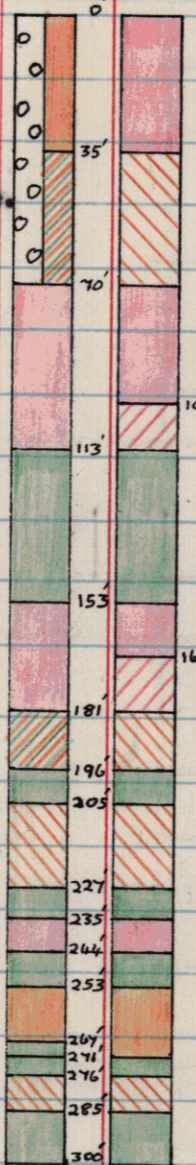
Ref No 2144

A 29297

AMG Co-ords: 351180 E 5405200 N.

| DRILL RECORD | | | | GEOLOGICAL LOG | | GEOLOGICAL SECTION | | ASSAY RESULTS | | | | | | | | |
|--------------|-------|-------|-------------|----------------|-------|--|------|---------------|--|--------|-------|-------------------------|-------|-------------------|-------|-------------------|
| Date | From | To | Core Recov. | From | To | Description | Core | Sample | Sample No. | From | CRUDE | CONCENTRATE (-325 Mesh) | | | | |
| 1966 | | | | | | | | | From Ft. | To Ft. | %Fe | Recovery | %Fe | %SiO ₂ | %Ni | %TiO ₂ |
| 22/10 | 0.0 | 15.4 | 6.8 | 0.0 | 35.0 | MAGNETITE (MEDIUM) | | | 0 | 17 | 64.71 | 73.16 | 69.34 | 0.31 | 0.017 | 0.25 |
| 23/10 | 15.4 | 45.8 | 20.8 | | | Fine to medium e grained, quite oxidised, fairly | | | 17 | 35 | 59.59 | 55.12 | 69.01 | 0.32 | 0.049 | 0.115 |
| 24/10 | 45.8 | 54.6 | 8.8 | | | broken with much hematite and clay and leached | | | 35 | 52 | 32.15 | 30.16 | 68.53 | 0.80 | 0.054 | 0.190 |
| 25/10 | 54.6 | 95.4 | 39.2 | | | voids and cavities. | | | 52 | 70 | 30.11 | 22.88 | 69.34 | 1.01 | 0.092 | 0.180 |
| 26/10 | 95.4 | 125.4 | 14.7 | 35.0 | 70.0 | MAGNETITE (LEAN) | | | 70 | 85 | 59.33 | 73.36 | 70.80 | 0.41 | 0.043 | 0.210 |
| 27/10 | 125.4 | 128.0 | 2.0 | | | Bands and stringers of magnetite and | | | 85 | 101 | 55.18 | 65.87 | 70.15 | 0.47 | 0.055 | 0.240 |
| 31/10 | 128.0 | 138.6 | 2.4 | | | pyrite through a serpentine - rich amphibolite. | | | 101 | 113 | 47.12 | 50.77 | 70.32 | 0.61 | 0.100 | 0.170 |
| 3/11 | 138.6 | 140.0 | 1.4 | | | Delta Angle Banding = 30°. Moderately | | | 113 | 153 | Amph. | | | | | |
| 4/11 | 140.0 | 164.5 | 17.2 | | | oxidised. Green amphibolite clay 64.0 - 67.0. | | | 153 | 167 | 57.70 | 72.78 | 70.64 | 0.47 | 0.048 | 0.240 |
| 5/11 | 164.5 | 191.4 | 23.5 | 70.0 | 113.0 | MAGNETITE (RICH) | | | 167 | 181 | 53.06 | 64.61 | 70.40 | 0.56 | 0.056 | 0.215 |
| 7/11 | 191.4 | 197.5 | 5.3 | | | Fairly fine-grained, massive with | | | 181 | 196 | 30.60 | 25.51 | 65.76 | 2.32 | 0.145 | 0.125 |
| 8/11 | 197.5 | 252.8 | 53.9 | | | moderate pyrite and minor amphibole. | | | 196 | 205 | Amph. | | | | | |
| 9/11 | 252.8 | 276.4 | 21.5 | | | Relatively unoxidised. Ore becomes slightly | | | 205 | 216 | 23.44 | 20.70 | 64.94 | 3.59 | 0.083 | 0.135 |
| 10/11 | 276.4 | 300.0 | 21.4 | | | banded below 101.0 and has more amphibole | | | 216 | 227 | 27.35 | 26.49 | 68.93 | 1.77 | 0.075 | 0.095 |
| END OF HOLE | | | | | | (Delta Angle 30° - 50°) | | | 227 | 235 | Amph. | | | | | |
| | | | | 113.0 | 128.0 | AMPHIBOLITE | | | 235 | 244 | 61.69 | 76.69 | 71.29 | 0.40 | 0.035 | 0.195 |
| | | | | | | Fairly fine grained, very broken. Thin | | | 244 | 253 | Amph. | | | | | |
| | | | | | | quartz-rich veinlets. Hematite on fractures | | | 253 | 267.5 | 36.70 | 33.93 | 69.76 | 1.18 | 0.080 | 0.195 |
| | | | | | | poor core recovery. | | | 267.5 | 271 | 43.68 | 7.15 | 71.23 | - | - | - |
| | | | | 128.0 | 140.0 | AMPHIBOLITE | | | 271 | 276 | Amph. | | | | | |
| | | | | | | Fairly fine grained, very broken, with | | | 276 | 285 | 22.82 | 19.41 | 66.83 | 2.81 | 0.068 | 0.160 |
| | | | | | | hematite and quartz - rich veinlets. Poor | | | 285 | 300 | Amph. | | | | | |
| | | | | 140.0 | 153.0 | AMPHIBOLITE | | | LEGEND RICH > 55%Fe MEDIUM RICH > 44%Fe MEDIUM > 33%Fe MEDIUM LEAN > 22%Fe LEAN > 11%Fe AMPHIBOLITE < 11%Fe ZONE OF OXIDATION | | | | | | | |
| | | | | | | Fairly fine grained, very broken with | | | | | | | | | | |
| | | | | | | hematite and quartz-rich veinlets. Poor core | | | | | | | | | | |

SCALE: 1" = 50'



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