COMPANY: CRA EXPLORATION PTY. LIMITED
PROJECT: E.L.24/84 TEN MILE CREEK, TASMANIA
HOLE NUMBER: TMC 1

| | |
|---|---|
| Commenced | 20 January, 1992 |
| Completed | 24 January, 1992 |
| Logged By | L.A Newnham |
| Drilled By | N.Poltock |

| Purpose |
|---|
| To drill test a copper-gold soil and rock geochemical anomaly, co-incident with a chloritic alteration zone in rhyolites on Grid Line 10,000N |

| Comments on Completion |
|---|
| Sequence of quartz- felspar-biotite coarsely porphyritic rhyolites and quartz- felspar fine grained porphyritic rhyolites. Chloritisation weak but increased slightly towards bottom of hole. All gold assays <0.008g/t, base metals low, with mod. increase towards bottom of hole. 1.0m. casing and shoe bit stuck in hole. |

Collar Details

| Northing | Easting | Elevation | Dip | Bearing | Grid |
|---|---|---|---|---|---|
| 10,000+10N | 20,335 E | 540m | - 60 | 107AMG | Local |

| Length |
|---|
| 51.9m |

| Down Hole Surveys | | |
|---|---|---|
| Depth | Dip | Bearing |
| Nil | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

| Core Size | |
|---|---|
| Interval | Size |
| 0 - 51.9 | 46TT |
| | |
| | |
| | |

| Significant Core Loss Zones | |
|---|---|
| Interval | % Recovered |
| 0 - 1.6 | 0 |
| 1.6 - 7.% | 65.0 |
| | |
| | |
| | |

Summary

| Depth | | Elevation | | Recovery | Description | Assays | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| From | To | From | To | % | | Length | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |

Newnham Exploration and Mining Services

COMPANY : CRA EXPLORATION PTY. LIMITED

PROJECT : E.L.24/84 TEN MILE CREEK, TASMANIA

HOLE NUMBER : TMC 1



| Core Recovery | | | | Description | | | | Assays | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| From | To | m. | % | From | To | Lithology and Mineralisation | Structure | From | To | Au | Cu | Pb | Zn | Ag | |
| | | | | | | **SUMMARY LOG:** | | | | | | | | | |
| | | | | 0 | 1.6 | No core | | | | | | | | | |
| | | | | 1.6 | 9.4 | Quartz-felspar-biotite coarsely porphyritic rhyolite, weathered and mildly chloritised | | | | | | | | | |
| | | | | 9.4 | 37.4 | Quartz-felspar fine grained porphyritic rhyolite. Hematitic groundmass | | | | | | | | | |
| | | | | 37.4 | 51.9 | Quartz-felspar-biotite coarsely porphyritic rhyolite, mildly chloritised and cut by quartz-chlorite veins carrying minor sulfides. | | | | | | | | | |
| | | | | | | **DETAILED LOG:** | | | | | | | | | |
| 0 | 1.6 | 0 | 0 | 0 | 1.6 | No core | | | | | | | | | |
| 1.6 | 2.1 | 0.3 | 60 | 1.6 | 9.4 | Porphyritic rhyolite with coarse phenocrysts of quartz, felspar and biotite. Orange-tan color near surface becoming gray-green with depth. Phenos. of quartz up to 5mm., pink and white euhedral felspars to 10mm. Biotite strongly chloritised. Occasional quartz-chlorite veins at 20 and 70 to core axis. *Occasional thin hem. veins throughout*, partly altered to limonite. | Weathered and broken unit, Several sets of limonite coated joints at 40 & 80 CA | | | | | | | | |
| 2.1 | 2.85 | 0.2 | 27 | | | | | | | | | | | | |
| 2.85 | 4.6 | 1.0 | 57 | | | | | | | | | | | | |
| 4.6 | 5.7 | 0.8 | 73 | | | | | | | | | | | | |
| 5.7 | 7.1 | 1.3 | 93 | | | | | | | | | | | | |
| 7.1 | 51.9 | 44.8 | 100 | | | | | 10.0 | 11.0 | <0.008 | 51 | 14 | 80 | <0.5 | |
| | | | | | | | | 12.0 | 13.0 | <0.008 | 67 | 16 | 60 | <0.5 | |
| | | | | | | | | 14.0 | 15.0 | 0.013 | 99 | 9 | 60 | <0.5 | |
| | | | | | | | | 16.0 | 17.0 | <0.008 | 90 | 14 | 70 | <0.5 | |
| | | | | | | | | 18.0 | 19.0 | <0.008 | 24 | 15 | 75 | <0.5 | |
| | | | | | | | | 20.0 | 21.0 | <0.008 | 27 | 15 | 105 | <0.5 | |
| | | | | 9.4 | 37.4 | Porphyritic rhyolite with small phenos. of Quartz and felspar. Hem. groundmass. Hem. veins weathered to limonite increasing with depth. Qtz. and flsp. phenos. < 2mm. Petrological descriptions: 17.9m.: Brecciated, sericitised por. rhyolite 21.9m.: Brecciated por. rhyolite | Generally competent with minor broken zones of 13-18m. Several joint sets, esp 30 & 75 CA, usually limonite coated. Other irreg. breaks along weathered hem. veins. | 25.0 | 26.0 | <0.008 | 10 | 6 | 65 | <0.5 | |
| | | | | | | | | 27.0 | 28.0 | <0.008 | 24 | 11 | 75 | <0.5 | |
| | | | | | | | | 29.0 | 30.0 | <0.008 | 28 | 13 | 50 | <0.5 | |
| | | | | | | | | 31.0 | 32.0 | <0.008 | 27 | 9 | 85 | <0.5 | |
| | | | | | | | | 33.0 | 34.0 | <0.008 | 150 | 49 | 120 | <0.5 | |
| | | | | | | | | 35.0 | 36.0 | <0.008 | 7 | 7 | 75 | <0.5 | |
| | | | | 37.4 | 51.9 | Por. rhyolite with coarse phenos. of qtz.-flsp.-biotite. Mildly chloritised and cut by both qtz-chl. & hem. veins. Similar to unit 1.6-9.4 but chloritisation of biotites more intense. Qtz.-chl. veins up to 10mm. wide, 70-80CA. with occasional blebs and diss. of py-ccp. | Generally fresh and competent. Limonite coated conjugate joint sets at 45 CA | 37.0 | 38.0 | <0.008 | 15 | 5 | 110 | <0.5 | |
| | | | | | | | | 39.0 | 40.0 | <0.008 | 100 | <5 | 130 | <0.5 | |
| | | | | | | | | 41.0 | 42.0 | <0.008 | 110 | <5 | 125 | <0.5 | |
| | | | | | | | | 43.0 | 44.0 | <0.008 | 760 | <5 | 125 | 2.5 | |
| | | | | | | | | 45.0 | 46.0 | <0.008 | 320 | <5 | 135 | <0.5 | |
| | | | | | | | | 47.0 | 48.0 | <0.008 | 325 | 6 | 140 | <0.5 | |
| | | | | | | | | 49.0 | 50.0 | <0.008 | 300 | <5 | 130 | <0.5 | |

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| Core Recovery | | | | Description | | | | Assays | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| From | To | m. | % | From | To | Lithology and Mineralisation | Structure | From | To | | | | | | |
| | | | | | | Chloritisation (veining and alteration of mafics) increasing down hole.<br>Petrological descriptions:<br>40.3m.: Porphyritic intrusive biotite rhyolite with microgranitic groundmass.<br>50.2m.: Similar to 40.3m,but brecciated.<br><br>END OF HOLE: 51.9m. | | | | | | | | |