

In view of the indefinite interpretation of source dips a low inclination hole from either east or west is suggested. Note that not all sources will be encountered in such a hole, just the localised concentration.

5. A ten metre sampling in the conditions at Colebrook Hill is reasonable. However, one metre sampling of some individual anomalies would be necessary to yield enough data for the calculation of source dips. The sampling interval controls the resolution of any interpretation.
6. Data of this type can only be modelled after careful and specified filtering or continuation but is suited to spectral analysis.
7. Airborne surveys will present a low amplitude shoulder anomaly on the main ultrabasic anomaly. This represents a summation of the many small sources scattered across the region.

OTHER DATA:

Electrical data on line 5371000mN has also been inspected. An EM conductor zone at 375030-060 overlaps the magnetic source concentration and may extend to 375080m. EIP-resistivity data suggest that the anomaly extends from depths of 15-20 metres or less between 375020-070mE. Use of a 60 metre dipole only and absence of intermediate observations or soundings does not permit better resolution. The electrical data as presented give no indication of depth extent.

Reference:

Richardson, L.R., 1982. Geophysical appraisal of the Colebrook Hill Prospect, Mt. Black EL 1/62 for Getty Oil Development Corp.

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