

anomalous DHEM response in SHD16 is observed as a mid-channel (channels 12-18) migration from positive to negative polarity readings towards the bottom of the hole. Primary field observations discount the possibility that this could be attributed to probe "self-response". The lack of corresponding identified response in the X (U) and Y (V) components, and the very broad wavelength (> 300m) make interpretation of the source very difficult. The nature of this anomaly is very similar to that observed in SHD1 and SHD13 and requires adequate explanation.

No DHEM anomalies worthy of further investigation were detected in the results from SHD18.

DIGITAL DATA

Digital data provided on floppy disks in the sleeve of this report have been separated into three file sets for each hole.

1. RAW format files. These are the raw CRONE instrument output dump files in ASCII format.
2. PEM format files. These are processed CRONE DHEM format ASCII files.
3. TEM AMIRA format files. These have DHEM data sorted into a clean column delimited ASCII format, most suitable for re-plotting (Goldfields Exploration drillholes SHD16 and SHD18)
or
3. XYZ ASCII column delimited format files, again most suitable for data re-plotting (Resolute drillholes SHD1, SHD2, SHD12, and SHD13).

REFERENCES

Bishop, J. R., 1996, Introduction to the special volume on DHEM, Exploration Geophysics, 27, 37-39

Callaghan, T., 1998, Annual Report Tasmanian Gold Project EL8/96 South Henty, Goldfields Report to the Department of Mineral Resources Tasmania, Internal Report No. 1603-9801

Dauth, C., 1999, DHEM on SHD15, 16, and 18, South Henty Project Internal Goldfields Exploration TECHNICAL NOTE

McDonald, G., 1997, EL 8/96 South Henty, Annual Report on Exploration, June 96 to June 97, Resolute Ltd (unpublished)