



GOLDFIELDS EXPLORATION

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TECHNICAL NOTE

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To : Michael Asten

cc : Michael Vicary, RGC Exploration Information Centre Reference:

From : Chris Dauth

Date : 14 January, 1999

Subject : South Henty DHEM data compilation

INTROCUPTION

This TECHNICAL NOTE has been written to assist with transferring of Goldfields Exploration Tasmanian geophysical project work to out-sourced consultants as a consequence of geophysical staff relocations in the RGC/Goldfields Exploration Perth Group. The purpose of this particular TECHNICAL NOTE is to compile data from down-hole electromagnetic (DHEM) surveys conducted in 1997-98 by Resolute Ltd and Goldfields Exploration in the Tyndall Mine region of the South Henty Project in Western Tasmania. The South Henty Project is a JV between Resolute Ltd (who operated the exploration prior to 1998) and Goldfields Ltd. Goldfields Exploration currently manage the exploration activities. A location diagram (Figure 1) shows the location of the project with respect to the Henty Mine, and other nearby projects operated by the RGC/Goldfields Exploration Group.

DHEM results are provided for six diamond drillholes that were targeted on two prospective horizons, the Spillway Horizon, and the Henty-Comstock Horizon within about a 1km radius at the South Henty Project. These horizons have been identified as prospective for VHMS-volcanogenic gold mineralisation. Intersections have included significant silica-sericite-pyrite +/- chalcopyrite alteration with some associated encouraging gold and minor basemetal mineralisation. Regional geology and drill logs are well documented by Callaghan 1998.

WORK COMPLETED

Drillholes SHD1, SHD2, SHD12, and SHD13 were completed by Resolute Ltd during 1997. DHEM surveys using the CROME PEM three component downhole system were conducted on all holes by OUTER RIM Exploration Services. Three component data utilising two transmitter loop positions were surveyed for each hole. It is the understanding of the author of this TECHNICAL NOTE that J Bishop (of Mitre Geophysics Pty Ltd) was the geophysical consultant acting on behalf of Resolute Ltd with regard to survey design and data interpretation.

Drillholes SHD16 and SHD18 were completed by Goldfields Exploration during 1998. DHEM surveys using the CROME PEM three component downhole system were conducted on both holes by OUTER RIM Exploration Services in 1998. Three component data utilising one