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PROCESSING OF DATA

Plotted data presented here has been smoothed with a two-dimensional filter (Asten, 1999a) due to the subtle nature of anomalies, and the difficulty of identifying these anomalies against background noise.

SUMMARY OF INTERPRETATION

Figures for this summary of interpretation are provided as two PowerPoint presentation files enclosed with this report. The most important results are obtained from interpretation of data from SHD21.

SHD21

This hole did not intersect the conductors A,B,C predicted in Asten (1999b) to lie between holes SHD1 and SHD2, but it provides vital new data which allows much improved resolution of the two predicted conductors. The hole was sited in part to investigate existence of conductors previously interpreted to lie between holes SHD1 and SHD2. The hole intersected a thick zone of sericite-pyrite alteration, with sub-economic levels of Cu, Au, Pb and Zn geochemistry.

SHD22

EM data from this hole shows a weak conductor intersected at depth 400 m, with a significant off-hole anomaly at the base of the hole. There is no obvious correlation between the EM data and the logged alteration type. The off-hole anomaly at the base of the hole is incomplete (extends beyond the base of hole).

The character of the anomaly is very similar to that for Body 1 as seen from SHD21, and its location is consistent with the strike direction inferred from SHD21. Accordingly, this anomaly is interpreted to be a southerly extension of Body 1.

Note added in proof: The SHD22 anomaly is similar (but opposite sign) to that observed for hole SHD12, reported in Asten, 1999a. It is probable that the same conductor (Body 1) located between hole SHD12 and SHD22 accounts for anomalies in both holes.

Findings from the borehole EM interpretation are as follows.

Two distinct conductors are identified, labelled Body 1 and Body 2.

Flagstaff GeoConsultants Pty. Ltd. (ACN 074 693 637)

Suite 2, 337A Lennox Street, (PO Box 2236) Richmond South, Victoria, 3121 Australia

Phone: +61 3 9421 1000 Fax +61 3 9421 1099

Email: postman@flagstaff-geoconsultants.com.au WebSite: www.flagstaff-geoconsultants.com.au