

# Flagstaff GeoConsultants



## Body 1

- lies above hole 21, between SHD21 and SHD2.
- top is at RL -50m, or 550 m below ground level in the vicinity of holes SHD21, SHD2
- has a long strike length (up to 800 m) probably extending from hole SHD16 (north) to SHD22 (south).
- strikes NW-SE in vicinity of hole SHD21
- has width of order 150 m and near-horizontal dip
- thickness is not well resolved but may be of order 50 m
- by assuming connection to alteration logged in SHD16, and to EM anomalies logged at base of SHD22 and SHD12, a plunge of 25 degrees south is obtained.

## Body 2

- lies below and beyond the end of holes SHD21 and SHD1
- top is at RL -270 m, or 770 m below ground level
- is the best conductor identified on the prospect (time constant of 0.6 msec is small by standards of massive sulfide bodies – Hellyer is 3 msec) but could still be very significant in the context of Cu-Au Mt Lyell or Henty-style mineralisation.
- strikes 330 degrees
- probably dips steeply east, order 75 degrees, but interpretation is limited by an incomplete EM profile which would extend beyond the end of the hole
- size is difficult to constrain but a minimum of 300 m strike by 200 m vertical extent is likely.

## SHD20

An off-hole EM anomaly is detected at the base of the hole, when using the western transmitter loop. The conductor is weak (time-constant of 0.05 msec) but still distinct in this resistive environment. The modelled conductor is labelled Body 3.

## Body 3

The characteristics are

- consistent with large areal extent of 400 m by 200 m.
- dips shallowly, eg up to 15 degrees east or west
- strikes NE-SW or north-south (not well resolved)
- located east of hole SHD20
- at depth RL -336 m, ie similar depth to Body 2
- the weakest conductor on the prospect – possibly important for its large surface area rather than its conductivity.

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