

# Flagstaff GeoConsultants



Closely follows CSAMT Zone 1 and 2, and is widest (500 m) on 5359000N (IP Line 26N) at the locality of holes SHD1 and SHD2.

**Zone P2:** A northern extension of P1, along the western edge of CSAMT conductor 1.

**Zone P3:** A trend displaced to the east of Zone P1; seems associated with occurrences of siltstones Cts in the northern half, but may be associated with the volcanoclastics and tuffaceous unit Cttle in the south.

**Zone P4:** a weak IP trend, but has some significance being coincident with the CSAMT Zone 4. The IP trend does not extend north to YNC12 (whereas the CSAMT trend does).

**Zone P5:** This is both conductive and an IP response, and appears to be associated with Ordovician siltstones Coonsh. It is therefore not prospective.

**Zone P6:** This is both conductive and an IP response, and follows the South Henty Fault. It defines the fault position better than the (insufficient) CSAMT data. The zone is tested by holes YNC14 and YNC15; YNC14 showed strong to intense pyrite-sericite alteration on the eastern side of the fault.

Four drill targets are shown on PLATE 9; detailed discussion follows in discussion of results on a line by line basis.

## COMMENTS ON LINE DATA

### **Line 5356200N and IP Line 14N**

A surficial conductor exists east of 380300, to end of CSAMT line at 380600N, but conductivity in the basement is poor. The CSAMT data is noisy (due to power lines?) in this locality. The IP data also shows a surficial conductor, but without IP targets.

### **Line 5356600N and IP Lines 14N, 16N**

CSAMT data is as for line 5356200N. There is an IP target (PFE 5) in the basement, at 380100E, depth 50 -150 m

### **Line 5357000N and IP Lines 16N-18N**

CSAMT data has a similar character to 5356600N. IP data on 18N shows a basement target at 379950E, depth 50-200m, weaker (PFE 4) than the corresponding anomaly to the south. This IP feature represents the northern extent of the IP Zone P4; it does not extend north into any recognisable basement feature on line 20N, but hole YNC12 on line 20N is the nearest hole representing drill-testing of the trend.

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