

# Flagstaff GeoConsultants



and felsic volcanics are mapped. The zone is tested with holes YNC15 and YNC14 (Figure 7) which intersected a thick shear zone corresponding to the fault, with intense sericite-pyrite alteration in volcanics on the eastern side of the fault.

## RECOMMENDATION FOR FURTHER GEOPHYSICAL SURVEYS

Laboratory measurements are required on core samples from hole HA005, in order to determine whether the IP response is attributable to shales or alteration in the vicinity of the fault.

Detailed IP surveys, using new technology for the reduction of power-line noise, are recommended over the following four target areas, after drilling has tested for the presence of an alteration system.

Holes drilled should be lined with PVC pipe and surveyed with borehole EM methods.

Hole SHD25 corresponds to a recommended hole based on the geophysics in this report. The hole failed to intersect mineralization, but borehole EM surveys in SHD25 (and HA3 if accessible) are recommended as follow-up.

## DRILL RECOMMENDATIONS

Zone 1/Zone P1 should be tested south of hole SHD22 with intersection at 5358020N, 380590E, depth 100 m.

Zone P4 (a trend of IP anomalies at 50-200 m depth) should be tested with a hole targetted at at 380100E, 5356700N, depth 100 m.

Zone 7 should be tested with a deep hole targetted at 5359750N, 380650E, depth 250 m (under the collar of SHD6). A collar at 380750E, angled west, dip 60 deg, and of length 400+ m would adequately test the CSAMT conductor.

Zone P2 should be tested with a hole under YNC7. The target location is 5359660N, 380060E depth 100 m. The recommended collar is at 380100E, angled west, dip 60 deg, length 200 m.

These four recommended drill targets are shown on PLATE 9.

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