

880697

Bend

AR # 13,593
(1984)

SUMMARY

The 1984 Summit Joint Venture program explored the Summit claim group in the Skeena M.D. for Scottie Gold-type mesothermal gold-bearing sulphide veins. The discovery outcrops on the Bend and Blueberry veins were trenched and the vein exposures extended. Work included 21 km of grid lines, 333 soil samples and induced polarization, magnetic and horizontal loop EM geophysical surveys. Geological mapping was done over the claim area. Drilling comprised 1091 m (3580 ft) in 20 diamond drill holes.

The Blueberry vein was trenched over its entire strike length of 70 m. Only the northern portion of the vein (20 m) is gold mineralized with assays greater than 20 g/tonne. Hole SJV-11 intersected 26.56 g/tonne gold and 21.3 g/tonne silver over 1.59 m. true thickness. The potential of the Blueberry vein is very small, and no further exploration work is recommended. Three horizontal loop EM conductors near the Blueberry vein were drilled; sulphide veins were found, but no assays over 1.0 g/tonne gold were returned.

The Bend vein was trenched, but the strike limits were not found in the trench. Its strike length is 60 m or greater. The western end of the trench contains 16.0 m strike length of 22.69 g/tonne gold, 67.5 g/tonne Ag over an average 2.0 m true width. Hole SJV-7 below that segment contained 70.65 g/tonne gold and 47.8 g/tonne silver over a true width of 4.2 m. The un-cut, drill inferred, in-situ tonnage of that segment is 9900 tonnes of 61.81 g/tonne gold and 51.4 g/tonne silver, assuming 15 m distance of influence of drill results.

The Bend fault and vein alteration suite was drill-tested over a total strike length of 350 m, but no significant amounts of sulphide vein or gold were found. Prospecting, mapping and sampling of the rest of the Bend grid did not yield additional gold-bearing veins. No horizontal loop EM conductors were found.

- 12 Microdiorite dykes.
- LATE CRETACEOUS OR YOUNGER
- 10 Lamprophyre dykes - light green, hornblende porphyritic.
- 9 Summit intrusions - medium grained hornblende granodiorite, quartz monzonite.
- HAZELTON GROUP - LOWER JURASSIC
- 4 Andesite pyroclastics - mostly light green and red andesite tuff breccia and lapilli tuff. Lesser andesite tuff.
- 3 Epiclastic sediments - mostly green siltstone, some fine grained green wacke and argillite. Lesser grey and black banded argillite. Minor andesite crystal tuff.
- 2 Flow Marker - green augite prophyry flow.
- 1 Andesite lapilli tuff - dark green hornblende rich.

BERENDON GLACIER

