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PROSPECTING AND GEOLOGY REPORT ON  
DOME MOUNTAIN PROPERTY

INTRODUCTION:

In an effort to locate additional zones of interest on the Dome Mountain Property a five day programme of prospecting and geology was carried out. Due to extensive overburden throughout this area little new information outside the grid area was found.

SUMMARY:

The quartz porphyry intrusive located and outlined on the enclosed map (Fig. 1) is the area of most interest. Further cut work and copco work in this area would be advisable before any drilling programme was planned. A magnetometer survey would be useful in outlining the intrusive.

There are a few spotty locations in the area west of camp which show some evidence of Cu mineralization in the tuffs host rock. Copco work in these areas would be advantageous in determining the extent of this mineralization.

FIELD PROCEDURE:

Two main traverses were run in an effort to check out the area west of camp. One traverse was run 1300' S45W from the main cabin and the other was run 2200' N62W. The surface exposures in this area as on most of the property in question is approximately 10%. Outcrops of purple tuffs were located by the fault trending NW through the camp. The rock types east of this fault are mainly an altered chloritized tuffs and the quartz porphyry intrusive.

The major trend of all the rock types is North to North West and they dip steeply to the NE. Some Cu and considerable

magnetite mineralization is associated with the altered tuffs.

The quartz porphyry intrusive is located within the existing grid area as outlined on the enclosed map. This intrusive cuts the tuffs and has caused heavy alteration and silicification of the host rock. Epidote, magnetite, and quartz stringers are numerous in the area close to this intrusive. A major quartz vein system branches off from this intrusive and this vein system is of major interest as it contains varying amounts of Pb, Zn, Tetra, Ag and Au mineralization. This network of quartz veins could possibly be traced by a close centered magnetometer survey.

A combination of 11 soil and silt samples were taken in the general area in an effort to find new interest. The locations are marked on the enclosed maps (Figs. 1 and 2). The assay results of these samples are attached to this report.

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