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ANNUAL REPORT OF THE MINISTER OF MINES  
FOR 1937

Part C -- Special Report by Douglas Lay

MAPLE LEAF GROUP. This group consists of 8 claims owned by L. Kylling of Topley, and is situated immediately east of the Golden Eagle group. A wagon-road  $\frac{1}{2}$  mile in length leads from the camp of the latter group to a cabin on the Maple Leaf. The distance from Topley is about  $7\frac{1}{2}$  miles.

The ground in the vicinity of the showings examined is gently-sloping, overlain by glacial drift, and covered with sparse green timber at the base of the northern slopes of Huckleberry mountain.

Two parallel shear-zones in andesite breccia containing small mineralized quartz stringers striking north 86 degrees west, dipping 55 degrees north-east have been discovered. These are heavily stained on the foot-wall with manganese dioxide due to the oxidation of rhodochrosite which is present in the quartz stringers. The quartz stringers contain some sphalerite, pyrite and a small amount of galena in places, and also some freibergite. Certain other mineral showings on which no work is taking place were not examined.

The property was discovered by the owner in 1928, since when he has carried out a considerable amount of prospecting.

At 4045 elevation, an open-cut 9 feet long, 5 feet wide, and 10 feet deep discloses a shear-zone in andesite

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PROPERTY FILE

breccia, 2.5 feet in width striking north 86 degrees west and dipping 65 degrees north. On the foot-wall a stringer of quartz 3 inches in width is mineralized with sphalerite, pyrite and some freibergite. A sample of selected mineral assayed: Gold, 0.02 oz. per ton; silver, 24.2 oz. per ton; lead, nil; zinc, 5.0 per cent. Distant 63 feet from this open-cut in a direction south 89 degrees west a shaft, filled with water at the time of examination, is said to have been sunk to a depth of 12 feet and to have exposed the continuation of this shear-zone. Distant from this shaft 285 feet in a direction south 61 degrees west at approximately the same elevation, an open-cut 10 feet long, 10 feet wide, and 5 feet deep discloses another shear-zone with similar strike and dip.

Prospecting in this region is greatly impeded by constant inflow of seepage water into all surface workings, due to flat topography. Silver values present in the mineralization are, however, encouraging.