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ANNUAL REPORT OF THE MINISTER OF MINES FOR THE YEAR
1937.

Special Report.

ORIOLE. This mineral claim adjoins the Golden Eagle claim on the north-east, and is owned by Chris Wold of Topley.

The property is reached by a wagon-road $\frac{1}{2}$ -mile in length from the Golden Eagle camp. The distance from Topley is about $7\frac{1}{2}$ miles.

The area covered by the claim comprises gently-sloping ground overlain with glacial debris and covered with sparse green timber. Rock-outcrops save in the vicinity of the mineral showings are infrequent.

A band of quartz occurs in a shear-zone in porphyritic andesite. The width of the quartz could not be ascertained owing to caving of the open-cut, and to filling of an inclined adit with water. A sample of a small pile of mineralized quartz beside the open-cut assayed: Gold, 0.03 oz. per ton; silver, 48.2 oz. per ton; lead, 7.0 per cent; zinc, 8.0 per cent.

At the base of a rock-bluff 40 feet high, an open-cut at 3980 feet elevation, 24 feet in length, followed by an inclined adit about 12 feet in length, full of water when examined, exposes a shear-zone from 4 to 5 feet in width in porphyritic andesite. This strikes south 44 degrees west and dips north-west at 56 degrees. Distant from this open-cut 120 feet in a direction south 44 degrees west at elevation 4020 feet another open-cut exposes presumably the continuation of the same shear-zone at its apex on gently-sloping ground. At this point of exposure the shear-zone is 5 feet in width, and on the foot-wall

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and on the hanging wall is a quartzose seam, 3 inches in width, heavily stained with manganese dioxide.

The silver values indicated by the sample given seem to warrant further investigation of this shear-zone. Investigation is possible by adit-drift at the horizon of the lower open-cut, but below this point sinking cannot be avoided owing to flat topography.

The work described was carried out by the owner who discovered the property in 1934.