

State Department of Geology and Mineral Industries ^{Fluz}

702 Woodlark Building
Portland, Oregon

Report by: W. A. G. Bennett
Date: May 20, 1944

GAUGHAN PROSPECT

Grants Pass area
Josephine County

This prospect is on an aplite dike that has been opened by an adit about 10' long. Some prospecting has been done at two other places along the dike about 200 and 300 yards respectively southwest of the adit. From the adit, samples of quartz were sent in by the owner for assay, but they showed only a trace of gold and silver.

Owner: W. H. Gaughan, R.F.D. #1, Box 810, Grants Pass, Ore.

Location: NE $\frac{1}{4}$ and S $\frac{1}{2}$ sec. 29, T. 35S., R. 5W. The property is reached by a gravel road that turns eastward from U. S. highway 99 about 3 miles north of Grants Pass.

Area: No claims are known to have been staked on this property.

History: The adit and open cuts were opened about 15 years ago.

Geology: Prospecting has been done on an aplite dike that is injected into an extension of the metavolcanic rocks as mapped on the Grants Pass quadrangle. The dike is at least 15 ft. wide though its true width was not determined. It is more resistant to weathering than the wall rock and therefore forms several small aligned outcrops for at least 300 yards along a hillside. Its trend is east of north and it apparently dips steeply eastward.

Assays: Grab samples collected by the owner show only a trace of gold and silver.

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This report was made at the request of Mr. Gaughan who has recently bought land on which the prospects are located. Prior to making the investigation, Mr. Gaughan had brought in various samples of rock and ore from his property. He is not a mining man, so he wants^e to know if any valuable mineral exists on his place. Walking over his land, he came upon these prospects just described and wondered if they contained valuable minerals.

Another small item besides the prospects examined, was advice given on the depth at which water might be obtained in a well being sunk by Mr. Gaughan.

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