

State Department of Geology and Mineral Industries

1069 State Office Building
Portland 1, Oregon

JENSEN GROUP (Au, Ag, Co)

Grant County
Quartzburg District

Former name: Last Chance Group (in part).

Location: Seven claims in secs. 23, 24, 25, and 26; T. 11 S.; R. 33 E., Quartzburg district, Grant County.

Owners: Mr. and Mrs. Vern Kight, Central Point, Oregon.

General: The claims, formerly known as the Last Chance Group, were staked by G. H. Kight, father of the present owner, and are briefly described by Gilluly, Reed and Park (Some Mining Districts of Eastern Oregon, U.S.G.S. Bull. 846-A, 1934, p. 89-90).

Several tunnels, totaling about 500 feet of workings, explore a mineralized shear zone in country rock, which, according to Gilluly, Reed and Park, consists of sheared gabbro, serpentine, greenstone (meta-andesite), argillite, and sericitized diorite.

The footwall of the shear zone has been impregnated in places with silica and sulphide minerals. Several small, branching veinlets of quartz and sulphides were observed. The sulphide minerals are mainly pyrite with traces of galena, sphalerite and possibly arsenopyrite and chalcopyrite.

The Jensen tunnel drifts along what is probably the footwall of the shear zone for about 150 feet. Three samples (QB-268, QB-269, and QB-270) were taken at intervals along the silicified and sulphidized footwall, and one (QB-271) was taken from the sericitized diorite hanging wall. Two samples of heavy sulphides (QB-266 and QB-267) were taken from other underground workings.

	<u>Gold (Au)</u>	<u>Silver (Ag)</u>	<u>Cobalt (Co)</u>
P-20516 (QB-266)	Nil	Nil	0.01%
P-20517 (QB-267)	Nil	Nil	0.10%
P-20518 (QB-268)	0.04 oz.	Nil	Trace
P-20519 (QB-269)	0.04 oz.	Trace	Nil
P-20520 (QB-270)	0.03 oz.	Nil	Nil
P-20521 (QB-271)	Nil	Nil	Trace

Mineralization is irregular and generally weak in exposed portions of the shear zone, and assay results indicate that even the most highly sulphidized material observed is of low grade.

Report by: Howard C. Brooks
Date of Report: November 20, 1956.
Date of Examination: October 19, 1956, accompanied by Mr. and Mrs. Kight.