

State Department of Geology and Mineral Industries ^{MD}

702 Woodlark Building
Portland 5, Oregon

RECEIVED
AUG 15 1956

STATE DEPT. OF GEOLOGY
& MINERAL IND.

BROWN STONE CLAIMS (Fe)

Jackson County
Gold Hill Dist.

Owners: Robert F. Albright, Medford; Loren Geyer, Central Point; and George Wilson, Central Point.

Location: Claims are located in the NW $\frac{1}{4}$ of sec. 2 and the NE $\frac{1}{4}$ of sec. 3, T. 36 S., R. 3 W.; and the SW $\frac{1}{4}$ of sec. 35, T. 35 S., R. 3 W.

Explanation: The deposits were visited briefly in the afternoon, 6-25-56, in the company of Albright and Geyer as a result of their request for inspection dated 6-15-56. The owners wished to obtain information of a geologic nature regarding deposits of high grade magnetite on their claims. The prospects visited are all located on a sharp ridge which is reached via the Sam's Valley Road north of Gold Hill. The mine road leaves the main road 1.9 miles from Gold Hill. The pit, reportedly containing magnetite, at 2490 feet elevation (aneroid) is 1.8 miles from the main road. The upper $\frac{1}{2}$ mile of the "road" is very steep and passable only to a Jeep in dry weather.

Geology: The country rock is fine-grained schistose meta-volcanic and metasedimentary rock (mainly amphibole-quartz schist) and some impure quartzite. A dike of medium-grained hornblende-quartz diorite is exposed on the ridge a short distance above the pit containing magnetite. Strike of the country rock varies from N. 10 to 20° E. and dips are 65 to 75° E.

A small amount of apparently high grade magnetite is scattered about the cut (2490 A) but the body reported had not as yet been uncovered. The magnetite is approximately on strike with the Tolman iron deposit, located about a mile southeast in SW $\frac{1}{4}$ sec. 3, another occurrence of iron (magnetite) was reportedly found in the canyon a short distance southeast of the cut. This was not visited.

Up the ridge about 500 feet at 2590 A. a small cut exposes a 3-foot wide shear zone containing a quartz fissure vein with pyrite and chalcopyrite. Much of the sulphides have been leached and seams of limonite are common. The quartz vein varies from 1 foot to 20 inches thick in the limited exposure of about 5 feet at the face of the cut. The shear and contained quartz vein strike N. 43° W. and dip 54° NE. The vein is in a fine-grained, schistose metasedimentary (?) rock striking N. 15 to 20° E. and dipping 68° SE.

A 40-foot tunnel is located at the head of the canyon east of the ridge at 2790 A., in the SW $\frac{1}{4}$ sec. 35, T. 35 S., R. 3 W. The tunnel was apparently driven on narrow 1 to 3 inch quartz-calcite veinlets lying with the bedding of the partly schistose argillite which strikes N. 10° E. and dips 75° E.

A sample of the veinlets showed a few specks of scheelite under the fluorescent light.

Assays: A picked sample of high grade magnetite bent to the Bureau of Mines, Albany, 3 years ago reportedly assayed 75% Fe.

Two samples collected from the cut (2590 A): No. 1 - QG-167, P-19839 of picked "highgrade" (sulphides) from the fissure vein assayed Au-Tr, Ag-Tr and Cu 0.20%; No. 2--3-foot chip sample across the iron-stained shear zone assayed 0.01 oz./Ton Au, and Ag-Tr.

A sample (QG-166, P-19838) of the quartz-calcite veinlets with an occasional speck of scheelite from the back near the face of the 40-foot tunnel assayed: Au--nil; Ag--nil and WO₃--tr.

Visited: 6/25/56

Report by: Len Ramp

Informants: Robert F. Albright and Loren Geyer.

STATE DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES

2033 First Street
Baker, Oregon

1069 State Office Building
Portland 1, Oregon

239 S.E. "H" Street
Grants Pass, Oregon

REQUEST FOR SAMPLE INFORMATION

The State law governing analysis of samples by the State assay laboratory is given on the back of this blank. Please supply the information requested herein as fully as possible and submit this blank filled out along with the sample.

Your name in full Len Ramp

Post office address G. P.

Are you a citizen of Oregon? _____ Date on which sample is sent 6/27/56

Name (or names) of owners of the property R. F. Albright and Lorenn Geyer

Are you hiring labor? _____ Are you milling or shipping ore? _____

Name of claim sample obtained from Brown Stone #1

Location of property or source of sample (If legal description is not known, give location with reference to known geographical point.)

County Jackson Mining District Gold Hill

Township 36S Range 3W Section 2 Quarter section NW

How far from passable road? 2 miles--Sam's Valley Rd. Name of road _____

	Channel (length)	Grab	Assay for	Description
Sample no. 1		<u>x</u>	<u>Au, Ag, Cu</u>	<u>Picked high highgrade</u>
Sample no. 2	<u>3 foot</u>		<u>Au, Ag</u>	<u>across shear zone and qtz. vein</u>

(Samples for assay should be at least 1 pound in weight)

(Signed) L. R.

DO NOT WRITE BELOW THIS LINE - FOR OFFICE USE ONLY - USE OTHER SIDE IF DESIRED

Sample Description #1--Quartz with disseminated sulphides, chalcopyrite and pyrite. ✓
#2--Same with some limonite stained sheared country rock.

Sample number	GOLD		SILVER		COPPER			
	oz./T.	Value	oz./T.	Value	Cu			
P-19839 QG-167	Trace	--	Trace	--	0.20%	---	---	---
P-19840 QG-168	0.01	\$0.35	Trace	--	---	---	---	---

Report issued _____ Card filed _____ Report mailed 7-13-56 Called for _____

QG - 166
Au, Ag, WO₃

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Are you hiring labor? _____ Are you milling or shipping ore? _____

Name of claim sample obtained from Brown Stone

Location of property or source of sample (If legal description is not known, give location with reference to known geographical point.)

County Jackson Mining District Gold Hill

Township 35S Range 3W Section 35 Quarter section SW

How far from passable road? 2 miles--Sam's Valley Rd. Name of road _____

	<u>Channel (length)</u>	<u>Grab</u>	<u>Assay for</u>	<u>Description</u>
Sample no. 1	_____	<u>x</u>	<u>Au, Ag, WO₃</u>	_____
Sample no. 2	_____	_____	_____	_____

(Samples for assay should be at least 1 pound in weight)

(Signed) L. R.

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Sample Description Quartz-calcite veinlets in sheared meta-sed. Few Crystals of scheelite

Sample number	GOLD		SILVER		TUNGSTEN			
	oz./T.	Value	oz./T.	Value	WO ₃			
P-19838 QG-166	Nil	--	Nil	--	Trace	---	---	---

Report issued _____ Card filed _____ Report mailed 7-13-56 Called for _____

3 copies to albright 8/7/56