

Visited: November 26, 1939
Nixon and Treashar.

1. Name of Property: OREGON GRAPE CLAIM.
Operating Company or Individual: Pete Jordan, Roberts, Oregon.
Property is deeded land.
Location of Property: Bear Creek Mining District; Sec. 27, T. 18 S., R. 18 E.
Cam Buttes, Crook County.
Acreage of Holdings: "Several claims".
2. History: It is stated that a prospector found a showing about 75 years ago and opened a vein down the gulch near the house, that he was flooded out, and that later Jordan began a shaft and started a short tunnel at the present locations. No ore was shipped. Jordan states that Colorado Assaying Company, Denver, gave assays of around \$47 per ton.
3. Development: The principal working is a shaft of about 6 x 9, 50' deep. It is timbered, contains a hoist compartment and manway, the longer dimension about N-S. At the bottom is a cross-cut, running about 10' to the east, no drifting. There is a short tunnel down the slope to the east of the shaft which was started by someone intending to cross-cut and hit the mineralization well below the bottom of the shaft; cross-cut tunnel is in lava, shows no mineralization. It would have some distance to go to reach the shaft zone. There is another short tunnel a few hundred feet down the hill from the shaft which was intended to be on the zone of mineralization and shows some sulphides, but it is either not truly on the zone or the zone is not clean at that point. No samples were taken due to time.
4. Geology: The area is outside the limits of the Round Mountain Quadrangle, mapped the summer of 1939 by the Oregon geological survey and is in the area apparently of the Clarno volcanics. Surface rock is a porphyritic basic lava. In the vicinity of the "vein" is a fine-grained, dark-colored basalt. The "vein" is really a bleached or leached altered zone in the lava with little evidence of resiliification but contains varying amounts of pyrite, ^{and} some chalcopyrite. The "vein" is heavily pyritized and represents a fracture zone, perhaps a fault zone, which pinches and swells judging by its appearance as observed up and down the shaft. Its width seems to be around 5' with a principal fracturing and mineralization along the west wall and minor fracturing along the east wall with the zone of somewhat less fractured and less mineralized material between. It appears that this zone, several feet wide, was formed by faulting, then altered and impregnated in sulphides. Later leaching may have concentrated the sulphides along fractures.
5. Sampling: Sampled by E.K.N. and R.C.T., as indicated in sketch attached.
6. Metallurgy: Apparently would be a flotation proposition. The "high grade" was pegged as following the west wall which contained the greatest amount of "live" sulphides. Concentrating ratio for the material from this zone would be low. Some chunks of almost mass sulphide were obtained. Some showed quite large pyrite crystals. No free gold was seen.

8. Remarks: It was suggested that trenches be cut across the zone both north and south from the shaft at intervals of, say, 50' in the beginning and at smaller intervals if results justify in order to determine habits and values in the mineralized zone. If chutes are found, a decision should be made whether to sink or drift from a point lower down on the hill.

Reported by Earl K. Nixon, Director
State Department of Geology and Mineral Industries
329 S. W. Oak Street
Portland, Oregon

STATE DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES

ASSAY REPORT

Office Number

1399
1400
1401
1402
1403
1410
1939

Grants Pass, Oregon
~~Grants Pass, Oregon~~

December 5 1939

Sample submitted by Earl K. Nixon 329 S.W. Oak Street, Portland, Ore.

Sample description Five samples from the Jordan Property.

The assay results given below are made without charge as provided by Chapter 176, Section 10, Oregon Laws 1937, the sender having complied with the provisions thereof.

NOTICE: The assay results given below are from a sample furnished by the above named person. This department had no part in the taking of the sample and assumes no responsibility, other than the accuracy of the assay of the material as furnished it by the sender.

Sample Number	GOLD		SILVER		Copper		Percent	Value	Total Value
	Ounces per ton	Value	Ounces per ton	Value	Percent	Value			
1	0.02	0.70	Trace						\$0.70
2	0.24	8.40	0.8	0.56					8.96
3	0.02	0.70	Trace						0.70
4	Blank		Blank						
5	0.10	3.50	Trace						3.50
6					Trace				

Market Quotations:

Gold \$ 35.00 per oz.
Silver \$ 0.70 per oz.
\$ per oz.
\$ per oz.

STATE ASSAY LABORATORY

Albert L. Lewis
Assayer

- No.1. - 10 ft. cut along S. rib of crosscut extending from side of shaft west to end of crosscut.
- No.2. - 14 inches of vein material from S.W. corner of shaft at bottom.
- No.3. - 5 ft. 6 inch cut extending east from east end sample no.2 to east side of vein material at east side of shaft.
- No.4. - 5 ft. cut at north side of shaft. Same cut as no.3 except on N. side
- No.5. - 18 inches extending west from west end of no.4 and including best looking part of vein. Corresponds to sample no.2 except on north side of shaft.
- No.6. - Composite sample made up from the rejects of samples 1 to 5 inclusive

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Oregon Grape Claim

NAME			OLD NAMES	PRINCIPAL ORE	MINOR MINERALS
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18 S	18 E	27
T	R	S

PUBLISHED REFERENCES

.....Creek..... COUNTY

.....Bear Creek..... AREA

..... ELEVATION

..... ROAD OR HIGHWAY

..... DISTANCE TO SHIPPING POINT

MISCELLANEOUS RECORDS

PRESENT LEGAL OWNER (S)Pete Jordan.....

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Address Roberts, Oregon.....

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OPERATOR

Name of claims	Area	Pat.	Unpat.
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Name of claims	Area	Pat.	Unpat.
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Deeded Land

EQUIPMENT ON PROPERTY
