

NAME	OLD NAMES	PRINCIPAL ORE	MINOR MINERALS
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6/41

T10S	R34E	Sec. 22
T	R	S

PUBLISHED REFERENCES

Oregon Metal Mines Handbook 14B:76

..... Grant COUNTY

..... Greenhorn AREA

..... 5000 ELEVATION

..... ROAD OR HIGHWAY

..... DISTANCE TO SHIPPING POINT

MISCELLANEOUS RECORDS

PRESENT LEGAL OWNER (S) . Ira. Lemmon.....

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Address Austin, Ore.

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OPERATOR

Name of claims	Area	Pat.	Unpat.
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6 lode claims			x

Name of claims	Area	Pat.	Unpat.
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EQUIPMENT ON PROPERTY

Owner: Ira Lemmon, Austin, Oregon.

Location: In sec.22, T.10 S., R.34 E.W.M. Elevation 5000 feet.

Area: 6 unpatented lode claims.

History: Located in 1903 by Lemmon. Production about \$1000.

Equipment: Two cabins, small test mill.

Development: 1400 feet on three levels. One tunnel (caved) said to tap vein at 105 feet, with ^{from portal} 55 feet of depth below surface. At this point a 20-foot crosscut shows the vein to be this width.

A second tunnel 150 feet lower down taps vein at 156 feet, with a 100 foot depth. Some crosscutting was done.

The outcrops have been sluiced for over 75 feet, and several small open cuts expose it further.

Geology: The country rock is mostly a medium-grained dark grey to brown quartz-diorite, varying in places to a heavy aphanitic black rock with a basaltic appearance in hand specimen, but a very fine-grained granitic texture under the lens. Both contain considerable amounts of disseminated chalcopryrite.

The lower tunnel (An. 5280) is said to have originally gone in 500 feet in a northeasterly direction. Caving forced more recent work to go around to the north, a distance totalling about 300 feet. Small glassy ribbon quartz veins are found in the face.

The intermediate tunnel (An.5410) is caved; it is said to have 500 feet of work done.

The upper workings (An. 5460) show the ledge, in a large open cut, to strike N.25° E.

The wide vein in the upper workings is said to run \$1.50 to \$2.00, with the narrower vein averaging \$40, and running up to \$60. The dump at the intermediate tunnel is said to run about \$6. The ore in the lower tunnel (caved) is said to have been sampled by Robert Betts and ran \$12.

Miscellaneous: Climate fairly mild. Season open from May to December, with only 4 feet of snow; sometimes open all year. Water plentiful, 2½ mile ditch furnishing plenty for sluicing or small mill operation. Water rights claimed. Timber abundant. Transportation 5 miles to the Susanville-Austin highway. Small mill on property consists of 3 stamps (1 ton capacity), Pelton wheel, and small test Wilfley table.

Informant: Ira Lemmon, J.E.A. (9/26/39).