

1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100
NAME
PSYCHE
10 S 35 E 8-17
T R S

Old Store 6/46
PRINCIPAL ORE
AL. AG
MINOR MINERALS

PUBLISHED REFERENCES

Grant COUNTY
Granham AREA
6500 - 7000 ELEVATION
..... ROAD OR HIGHWAY
..... DISTANCE TO SHIPPING POINT

MISCELLANEOUS RECORDS

PRESENT LEGAL OWNER (S)

Address

OPERATOR

Name of claims	Area	Pat.	Unpat.

Name of claims	Area	Pat.	Unpat.

EQUIPMENT ON PROPERTY

Ben Harrison ✓

Gold

NAME OLD NAMES PRINCIPAL ORE MINOR MINERALS

6/46

T9S R34E Sec. 36 S

PUBLISHED REFERENCES

Oregon Metal Mines Handbook 14B:68
Lindgren 01:1694
Swartley 14:476
Parks + Swartley 16:29
Hewitt 31:10
Iram 38:16

.....Grant..... COUNTY

.....Greenhorn..... AREA

.....6500..... ELEVATION

MISCELLANEOUS RECORDS

....23 mi. Sumpter Valley RR.... ROAD OR HIGHWAY
at Whitney

....about 28 mi. Sumpter..... DISTANCE TO
SHIPPING POINT

PRESENT LEGAL OWNER (S) ...L. Agerton... (Hunter).....

Ben Harrison Mines Co.....

Address Lima, Ohio.....

..... Lima, Ohio.....

OPERATOR

Name of claims Area Pat. Unpat.

Name of claims Area Pat. Unpat.

EQUIPMENT ON PROPERTY

Harrison Group

Windsor, Psyche, Big Johnny

Gold - Silver

NAME	OLD NAMES	PRINCIPAL ORE	MINOR MINERALS
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446

T10S	R35E	Sec. 8-17
T	R	S

PUBLISHED REFERENCES

Oregon Metal Mines Handbook 14B:78

..... Grant COUNTY

..... Greenhorn AREA

..... 6500 to 7000 ELEVATION

..... ROAD OR HIGHWAY

..... 3 mi. SW Greenhorn DISTANCE TO
about 10 mi. SHIPPING POINT

MISCELLANEOUS RECORDS

PRESENT LEGAL OWNER (S)	C.L.Harrison	Address	Seattle, Wn.
.....	M.S.Riechart	Seattle, Wn.
.....
.....

OPERATOR
Name of claims	Area	Pat.	Unpat.
16 claims			x
.....
.....
.....

EQUIPMENT ON PROPERTY

HARRISON GROUP (Windsor, Psyche, and Big Johnny) (gold and silver)
Greenhorn District Greenhorn Area

Owners: C. L. Harrison and M. S. Riechert of Seattle, Washington. W.C. Fellows, Sumpter, and Don Kempfer, Unity, are in charge of development work.

Location: Three miles southwest of Greenhorn in secs. 8 and 17, T.10 S., R. 35 E W.M. Elevation 6500 to 7000 feet.

Area: Sixteen unpatented claims, which compose the Windsor, Psyche, and Big Johnny Groups.

History: Psyche is said to have produced \$90,000 (several hundred tons of about \$200 ore) in 1905. Some ore from the Big Johnny shaft was milled about 1904. Production from other claims has been little or nothing. In August 1939 new work on the Windsor claim struck high grade ore, which was sacked and shipped.

Equipment: Windsor: Hoist powered by 10 h.p. Novo gasoline engine; 2B Coppus blower run by 2 h.p. gas engine; 2 one-ton cars; blacksmith forge and equipment; 200 feet 12-pound track.

Development: Psyche: Lower tunnel was driven over 1100 feet; upper tunnel totals about 300 feet. Big Johnny: Tunnel is about 1200 feet (about 200 feet open). Windsor: 700 feet of tunnel and a 62-foot, 60° incline shaft with 200 feet of drift running N.22° W.

Geology: Country rock is serpentine, with occasional intrusions of meta-gabbro. Ore occurs along fault zones as small lenses of high grade, which consists of chalcopyrite, with hematite and chrysocolla as alteration products. The iron oxide is vitreous, sub-opalline, and more or less massive; the chrysocolla is in narrow seams and stringers. Patches of white to green clear talcose material, calcite, and manganese also occur.

The newly discovered Windsor vein strikes N.22° E., dips 52° NW. The ore (high grade) varies from 2 to 6 inches in width. The walls are well defined, from 4 to 6 feet apart, with values across the entire width varying from \$5 to \$10. Small kidneys of chromite and magnetite occasionally appear.

Informant: Donald Kempfer, J.E.A. (9/25/39); H.K.L. (8/15/40).

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