

Silvers

Chromite

6/46

NAME OLD NAMES PRINCIPAL ORE MINOR MINERALS

13S 31E 17
T R S

PUBLISHED REFERENCES

Shaver 40:110
Doyam Bull 9
" 14 B.

Gant COUNTY

Canyon AREA

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

SILVER LEASE MINE

CANYON AREA

The Silver Lease mine is about 3 miles northwest of John Day near the middle of the west edge of sec. 17, T. 13 S., R. 31 E. The workings and the distribution of the ore are shown on plate 20. About 700 tons of ore averaging 28 percent of chromic oxide is reported to have been shipped in 1918. The ore consists of lenses of dark spotted chromite bounded by slickensided contacts against serpentine. The serpentine contains pyroxene and is probably altered olivinite. The ore remaining in the glory hole consists only of small lenses and a shell of chromite perhaps 3 feet thick that lies against the gabbro (?) dike. The main ore block is west of the gabbro (?), which evidently cut squarely across the original chromite lens.

Reference: Thayer 40:110

SILVER'S (Chromite)

Mt. Vernon District

Canyon Area

"Located 2 miles north of the John Day highway near the west edge of sec. 17, T. 13 S., R. 31 E.

"The country rock is serpentine, which near the ore and above it is black, but which grades into a yellow dunite below the ore. A north-trending gabbroid dike penetrated by the glory-hole adit lies to the east of the deposit.

There has been considerable faulting and slickensiding, but not enough to make mining too difficult.

"The orebody consists of bands and irregular bodies of chromite which seem to strike about N. 60° W. and dip 55° N. The band which lies from 2-5 feet above the main exposed kidney, varies in thickness from 15 inches to 3 feet, and is rather continuous for 30-40 feet. The kidney is very irregular, but it is at least 4 feet thick where it crops at the surface and has apparently been followed by a cut to a depth of 20-30 feet. Ore appears over a horizontal distance of about 75 feet, and the average total thickness may be as much as 10 feet. The deposit is by no means exhausted, since the ore appears prominently from top to bottom in the west face of the glory-hole. It was mined, as has been indicated by an adit which taps the glory-hole at about 30 to 40 feet in depth, and about 700 tons is reported to have been shipped in 1918.

"The ore appears to be of average medium grade, above 30 percent, but probably not over 45 percent chromic oxide.

"The deposit may be reached by a road leading from Mt. Vernon up Buck Creek. It is about 3 miles from the main highway".

Reference: Allen 38:66 (quoted)
Thayer 40:110
