

NAME

OLD NAMES

PRINCIPAL ORE

MINOR MINERALS

14 S

32 E

4

T

R

S

PUBLISHED REFERENCES

Thayer 40:107

Dogami Bull. 14-B

MISCELLANEOUS RECORDS

Grant COUNTY

Canyon AREA

..... ELEVATION

..... ROAD OR HIGHWAY

..... DISTANCE TO SHIPPING POINT

Address

.....

.....

.....

.....

PRESENT LEGAL OWNER (S)

.....

.....

.....

OPERATOR

Name of claims	Area	Pat.	Unpat.

Name of claims	Area	Pat.	Unpat.

EQUIPMENT ON PROPERTY

POWERS MINE

CANYON AREA

The Powers mine is on the ridge west of Dog Creek, near the middle of the west edge of sec. 4, T. 14 S., R. 32 E. The mine was in operation from January 1917 to August 1918, and a total of about 480 tons of ore containing 40 percent or more of chromic oxide was shipped. The ore consisted of about equal parts of high-grade massive chromite containing about 50 percent of chromic oxide and low-grade spotted ore averaging 25 to 30 percent. The workings, which consist of a series of trenches and open cuts and two tunnels, all on the east slope of the ridge, extend over a horizontal distance of 250 feet and have a vertical range of 50 or 60 feet. The chromite-bearing zone is irregular in thickness, its thickest part being 8 feet wide and its average about 3 feet. The chromite occurs in a dunite band that is little wider than the chromite body. The ore and dunite trend N. 50° W. and dip 60° or more southward. Planar banding is well-developed parallel to the walls. At the northwest end of the deposit the chromite grains string out into dunite and olivinite. A small amount of fresh enstatite was found in some of the ore.

Reference: Thayer 40:107

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