

Powers

APR 4 1939

Iron-Salmon Mountain Area
Coos County

Name: Independence Mine (chromite and gold).

Owner: Independence Mining Co.

Directors: Frank J. Fish, Coquille, Oregon; J. D. Rankin, Coquille, Oregon; Clyde Gage, Coquille, Oregon; Dr. A. B. Peacock, Marshfield, Oregon; Attorney Claude Giles, Marshfield, Oregon.
Mr. Fish acts as trustee for the company.

Location: On the east side of Iron Mountain, and is twenty miles south of Powers by road. Secs. 19 and 30, T. 33 S., R. 11 W. and Secs. 13, 14, 23, and 24, T. 33 S., R. 12 W. 45 lode claims held by location.

History: Fish Bros. and Mr. Gage discovered some chromite in 1916 on what is now known as the Independence Mine. 150 to 200 tons was mined during the war, but due to the lack of transportation none of it was shipped, and they received some \$3,200 compensation for the mining of the chrome. During the mining of the chrome some high-grade gold float was found, and after the war their attention was turned from the chrome to the gold. It has been worked in a small way without any production almost continuously since the war. In the fall of 1938 Mr. Fish secured an order for 600 tons of chrome. They have been able to mine about 75 tons which they have piled up at the mine.

Geology: 21 ledges? The country rock is gabbro and serpentine. Quartz veins have formed along the contacts of the serpentine and gabbro. In places it makes some very rich specimen rock. The chromite occurs as small kidneys in the serpentine.

Miscellaneous Information: Elevation 2,000 to 2,500 ft. Plenty of timber suitable for mining purposes. In December, 1938 they took out 30 c.f.s. out of Rock Creek. Maximum 12 ft. of snow. \$3.80 rate on the chromite from Powers to Portland. 22" pipe line to be installed? No equipment.
*Water to be used in lots
See 30 T 33 S R 11 W*

Development Work: The property is developed with two tunnels. The lower one of which is meandering in a southern direction with a total length of about 425 ft. including one cross cut. The upper tunnel, which is approximately 25 ft. above the lower one is about 50 ft. in length. In the fall of 1938 a bull dozer was secured to mine the chromite. The road was pushed through from the mine to connect with the forest road at Rock Creek, and also a number of cuts were made to show up a formation in place above the tunnels. Part of the above information was from personal observation, and the remainder was furnished by Mr. Fish.

Informant: J. E. Morrison. March 24, 1939.

RECORD IDENTIFICATION

RECORD NO..... M061512
 RECORD TYPE..... X1M
 COUNTRY/ORGANIZATION. USGS
 MAP CODE NO. OF REC..

REPORTER

NAME..... JOHNSON, MAUREEN G.
 UPDATED..... 81 03
 BY..... FERNS, MARK L. (BROOKS, HOWARD C.)

NAME AND LOCATION

DEPOSIT NAME..... LAST CHANCE
 SYNONYM NAME..... PART OF THE INDEPENDENCE GROUP

MINING DISTRICT/AREA/SUBDIST. POWERS

COUNTRY CODE..... US
 COUNTRY NAME: UNITED STATES

STATE CODE..... OR
 STATE NAME: OREGON

COUNTY..... COOS
 DRAINAGE AREA..... 17100305 PACIFIC NORTHWEST
 PHYSIOGRAPHIC PROV..... 13 KLAMATH MOUNTAINS
 LAND CLASSIFICATION..... 41

QUAD SCALE QUAD NO OR NAME
 1: 62500 AGNESS

LATITUDE LONGITUDE
 42-41-60N 124-04-54W

UTM NORTHING UTM EASTING UTM ZONE NO
 4727850.0 411400.0 +10

TWP..... 33S
 RANGE..... 12W
 SECTION.. 24 25
 MERIDIAN. WILLAMETTE

ALTITUDE.. 2160

COMMODITY INFORMATION

COMMODITIES PRESENT..... CR

PRODUCER(PAST OR PRESENT):

ANALYTICAL DATA(GENERAL)

ASSAY RANGE FROM 40.00% CR2O3 TO 48.00% CR2O3 WITH A 2.2 CR:FE RATIO

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 4

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:

MASSIVE CHROMITE

FORM/SHAPE OF DEPOSIT: KIDNEYS

SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL

DESCRIPTION OF WORKINGS

SURFACE

COMMENTS(DESCRIP. OF WORKINGS):

TRENCHES AND PITS COVERING ABOUT ONE ACRE.

PRODUCTION

YES

SMALL PRODUCTION

CUMULATIVE PRODUCTION (ORE, COMMOD., CONC., OVERBUR.)

21 TOTAL .015 TONS 45.00% CR2O3 (WEIGHTED AVERAGE GRADE)

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... JUR

HOST ROCK TYPES..... SERPENTINE

LOCAL GEOLOGY

SIGNIFICANT LOCAL STRUCTURES:

INTENSE SHEARING IN SERPENTINE

GENERAL REFERENCES

- 1) RAMP, LEN, 1961, CHROMITE IN SOUTHWESTERN OREGON: OREGON DEPT. GEOLOGY AND MINERAL IND. BULL. 52, 169 P.
- 2) BALDWIN, E.M. AND OTHERS, 1973, GEOLOGY AND MINERAL RESOURCES OF COOS COUNTY, OREGON; ODCMI BULL. 80, P. 52

RECORD IDENTIFICATION

RECORD NO..... M061479
RECORD TYPE..... X1M
COUNTRY/ORGANIZATION. USGS
MAP CODE NO. OF REC..

REPORTER

UPDATED..... 81 03
BY..... FERNS, MARK L. (BROOKS, HOWARD C.)

NAME AND LOCATION

DEPOSIT NAME..... INDEPENDENCE

MINING DISTRICT/AREA/SUBDIST. POWERS

COUNTRY CODE..... US
COUNTRY NAME: UNITED STATES

STATE CODE..... OR
STATE NAME: OREGON

COUNTY..... COOS
DRAINAGE AREA..... 17100305 PACIFIC NORTHWEST
PHYSIOGRAPHIC PRDV..... 13 KLAMATH MOUNTAINS
LAND CLASSIFICATION..... 41

QUAD SCALE QUAD NO OR NAME
1: 62500 AGNES

LATITUDE LONGITUDE
42-42-12N 124-05-29W

UTM NORTHING UTM EASTING UTM ZONE NO
4728230.0 410610.0 +10

TWP..... 33S 33S
RANGE.... 12W 11W
SECTION.. 23 24 19 30
MERIDIAN. WILLAMETTE

ALTITUDE.. 2560

COMMODITY INFORMATION

COMMODITIES PRESENT..... CR AU

PRODUCER(PAST OR PRESENT):
MAJOR PRODUCTS.. CR

CHROMITE; GOLD

ANALYTICAL DATA (GENERAL)

ASSAY: 44.50% CR2O3, 11.7% FE, AND 11.2% SiO2

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 8

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:

MASSIVE CHROMITE; LODE

FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL

DESCRIPTION OF WORKINGS

SURFACE AND UNDERGROUND

COMMENTS (DESCRIP. OF WORKINGS):

475 FEET IN TWO ADITS PLUS A NUMBER OF SURFACE CUTS

PRODUCTION

YES

ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.) YES

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE, REMARKS
1 ORE ACC		1.031	TONS	1942	48. % CR2O3
2 ORE ACC		.007	TONS	1943	48. % CR2O3
3 ORE ACC		.010	TONS	1953	44. % CR2O3
21 TOTAL		.048	TONS	47.35%	CR2O3 (WEIGHTED AVERAGE GRADE)

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... JUR
HOST ROCK TYPES..... SERPENTINE

AGE OF ASSOC. IGNEOUS ROCKS.. JUR
IGNEOUS ROCK TYPES..... GABBRO

LOCAL GEOLOGY

COMMENTS (GEOLOGY AND MINERALOGY):

SMALL PODS OF CHROMITE OCCUR IN SERPENTINE. GOLD REPORTEDLY OCCURS IN QUARTZ VEINS ALONG GABBRO-SERPENTINE CONTACTS.