

State Department of Geology and Mineral Industries

1069 State Office Building
Portland 1, Oregon

BLACK BEAR CLAIM (Fe,Mn)

Josephine County
Illinois River Dist.

Owner: Russell J. Pierce, Grants Pass.

Area: One claim located October 1960.

Location: The discovery cut and main occurrence is alongside the Secret Creek trail about 800 feet west of Onion Mountain Road in the N $\frac{1}{2}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 22, T. 36 S., R. 8 W., at 3,680 feet elevation.

Development: The discovery cut is about 4 feet wide, 12 feet long, and 3 feet deep. No other workings were seen.

Geology: The prospect occurs in metasedimentary rocks including chert and sandstone interbedded with metavolcanic rocks all mapped as the Galice formation by Wells and others (1948). Iron in the form of hematite(?) occurs with finely divided manganese oxides in the chert. The iron and manganese-bearing dark green to black chert appears to be confined to the immediate area of the cut in a zone not more than 10 feet wide. Exposures were not adequate to determine true strike and dip of the bedding but the general strike for the area is north to northeasterly and the dips are steep.

A representative sample of the material on the dump (P-25939, UG-302) assayed 23.75 percent Fe, 6.76 percent Mn and 44.58 percent insol.

Visited: 11/4/60.

Informant: R. J. Pierce.

Reference: Wells, Francis G., and others, Preliminary Geologic Map of the Kerby Quadrangle, Oregon (1948).

Report by: Len Ramp 1/31/61.

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RECEIVED
FEB 8 1961

STATE DEPT. OF GEOLOGY
& MINERAL INDS.

RECORD IDENTIFICATION

RECORD NO..... MO13502
 RECORD TYPE..... XIM
 COUNTRY/ORGANIZATION. USGS
 FILE LINK ID..... CONSV
 MAP CODE NO. OF REC..

REPORTER

NAME..... LEE, W
 DATE..... 74 01
 UPDATED..... 81 02
 BY..... FERNS, MARK L. (BROOKS, HOWA

NAME AND LOCATION

DEPOSIT NAME..... BLACK BEAR CLAIM

MINING DISTRICT/AREA/SUBDIST. ILLINOIS -CHETCO

COUNTRY CODE..... JS

COUNTRY NAME: UNITED STATES

STATE CODE..... OR

STATE NAME: OREGON

COUNTY..... JOSEPHINE

DRAINAGE AREA..... 17100311 PACIFIC NORTHWEST

PHYSIOGRAPHIC PRDV..... 13 KLAMATH MOUNTAINS

LAND CLASSIFICATION..... 41

QUAD SCALE

QUAD NO OR NAME

1:

SELMA

LATITUDE

LONGITUDE

42-17-45N

123-44-30W

UTM NORTHING

UTM EASTING

UTM ZONE NO

4682675.4

438860.3

+10

TWP..... 38S

RANGE..... 09W

SECTION.. 03

MERIDIAN. W.M.

POSITION FROM NEAREST PROMINENT LOCALITY: SW1/4 NE1/4

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):
GOLD

EXPLORATION AND DEVELOPMENT
STATUS OF EXPLOR. OR DEV. 2

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:

LODE

FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL

DESCRIPTION OF WORKINGS
SURFACE

PRODUCTION
UNDETERMINED

GEOLOGY AND MINERALOGY

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

GEOLOGICAL DESCRIPTIVE NOTES. GOLD VALUES CAME FROM A WELL-DEFINED QUARTZ LEDGE.

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES

- 1) NAME: ROGUE VOLCANICS
AGE: JUR

GENERAL REFERENCES

- 1) OREGON METAL MINES HANDBOOK, 1942, ODGMI BULL. 14-C, VOL. 2, SEC. 1, P. 124

11-4-60 PM

With Russel J. Pienzo
To Fe-Mn prospect

- 3680 elev N $\frac{1}{2}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$
sec 22, T 36 S R 8 W

On Secret Creek Trail

about ⁸⁰⁰1000 feet west of

Onion Mountain Road

about 10 miles from Hwy 199

Junc just south summit Agassiz
Hill.

country rock meta sed
including ss. of chert
manganese-iron oxide
in greenish chert

Black Bear Claim located Oct 1960

cut 4 X 3 deep X 12 long

about 1 ton on ore pile

sample V6302 represents

~~down~~ Ore pile