

State Department of Geology and Mineral Industries

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JUL 15 1957

1069 State Office Building
Portland 1, Oregon

SEVEN L. MOLY PROSPECT

STATE DEPT. OF GEOLOGY
& MINERAL INDUSTRIES

Jackson County
Ashland District

Owner: Joe D. Lewis, Ashland.

Area: One lode claim, located (?) 1956.

Location: The discovery cuts are less than $\frac{1}{4}$ mile up right hand fork of Mill Creek from Colestine Road, in the SE $\frac{1}{4}$ of sec. 27, T. 40 S., R. 1 E., at 4420 feet elevation. Mill Creek is $7\frac{1}{2}$ miles on the Colestine Road west of Siskiyou summit on Highway 99.

Development: Three small cuts are located on the east side of the creek. The main cut runs east into the bank about 12 feet. It is 4 feet wide and approximately 8 feet deep. The pegmatite has been exposed for a few feet to the north (left) from the face of this cut. Two smaller cuts, one 20 feet north of the discovery (main) cut is about 2 feet wide, 7 or 8 (curved to the right) feet long, and about 3 feet deep; the smallest is 50 feet south of the main cut and measures 2 x 4 x 5 feet.

Geology: The quartz-rich pegmatite vein is about 18 inches thick. It strikes N. 20° E. and is nearly vertical. A narrow zone of quartz diorite on the west side of the pegmatite contains minor amounts of disseminated molybdenite (up to 1% estimated MoS₂). A few specks of molybdenite were also seen in the quartz.

Most of the vein is covered by surface creep and stream washed decomposed granite. Pink orthoclase feldspar is exposed in the southernmost cut. A few coarse crystals of white feldspar are found unevenly distributed through the quartz. Contacts of the vein appear to be gradational.

SEVEN L. MOLY PROSPECT

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A sample of diorite from the dump containing minor amount of disseminated molybdenite (picked highgrade) (M-230, P-21309) assayed 0.50 percent Mo.

Visited: Prospect visited 5/10/57 at request made by Joe D. Lewis.

Report by: L. R. 6/4/57.

RECORD IDENTIFICATION

RECORD NO..... M020194
RECORD TYPE..... X1M
INFORMATION SOURCE... 2
MAP CODE NO. OF REC..

REPORTER

NAME..... FERNS, MARK L. (BROOKS, HOWARD C.)
AFFILIATION..... DDGMI
DATE..... 81 05

NAME AND LOCATION

DEPOSIT NAME..... SEVEN L. MDLY PROSPECT

MINING DISTRICT/AREA/SUBDIST. ASHLAND

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

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

COUNTY..... JACKSON
DRAINAGE AREA..... 18010206 CALIFORNIA
PHYSIOGRAPHIC PRDV..... 13 KLAMATH MOUNTAINS
LAND CLASSIFICATION..... 41

QUAD SCALE QUAD NO OR NAME
1: 62500 ASHLAND (1954)

LATITUDE LONGITUDE
42-03-32N 122-41-04W

UTM NDRTHING UTM EASTING UTM ZONE NO
4656150 526100 +10

TWP..... 040S
RANGE.... 001E
SECTION.. 27
MERIDIAN. WILLAMETTE

COMMODITY INFORMATION

COMMODITIES PRESENT..... MO

OCCURRENCE(S) OR POTENTIAL PRODUCT(S):

POTENTIAL.....
OCCURRENCE..... MO

EXPLORATION AND DEVELOPMENT
STATUS OF EXPLOR. OR DEV. 1

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:

PEGMATITE

FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL

MAX WIDTH..... 18 IN

DESCRIPTION OF WORKINGS
SURFACE

COMMENTS(DESCRIP. OF WORKINGS):

SMALL OPEN CUTS

PRODUCTION

NO PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... LJUR-CRET

HOST ROCK TYPES..... QUARTZ DIORITE

AGE OF ASSOC. IGNEOUS ROCKS.. LJUR-CRET

IGNEOUS ROCK TYPES..... QUARTZ DIORITE

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES

1) NAME: ASHLAND PLUTON

AGE: LJUR-CRET

COMMENTS (GEOLOGY AND MINERALOGY):

DISSEMINATED MOLYBDENITE OCCURS IN PEGMATITES

GENERAL REFERENCES

1) RAMP, L., 1951, SEVEN L MOLY PROSPECT; ODGMI UNPUBLISHED FILE REPORT