

RECORD IDENTIFICATION

RECORD NO..... M061982
RECORD TYPE..... X1M
COUNTRY/ORGANIZATION. USGS
DEPOSIT NO..... 22
MAP CODE NO. OF REC..

REPORTER

NAME..... SMITH, ROSCOE M.
DATE..... 78 08
UPDATED..... 81 01
BY..... FERNS, MARK L.; (BROOKS, HOWARD C.)

NAME AND LOCATION

DEPOSIT NAME..... 2 FREEWAY TUNGSTEN

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

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

COUNTY..... JACKSON
DRAINAGE AREA..... 17 ROGUE RIVER
PHYSIOGRAPHIC PRDV..... 13 KLAMATH MOUNTAINS
LAND CLASSIFICATION..... 30

QUAD SCALE QUAD NO OR NAME
1: 62500 ASHLAND

LATITUDE LONGITUDE
42-06-30N 122-36-42W

UTM NORTHING UTM EASTING UTM ZONE NO
4661675. 532100. +10

TWP..... 40S
RANGE..... 02E
SECTION.. 08
MERIDIAN. WB & M

LOCATION COMMENTS: CEN N 1/2

COMMODITY INFORMATION

COMMODITIES PRESENT..... N

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:

CONTACT METASOMATIC
FORM/SHAPE OF DEPOSIT: LENSOID

SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SML

PRODUCTION

UNDETERMINED

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... PERM-TRI
HOST ROCK TYPES..... HORNFELSED SEDIMENTS MARBLE

AGE OF ASSOC. IGNEOUS ROCKS.. LJUR-CRET
IGNEOUS ROCK TYPES..... QUARTZ DIORITE

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES

1) NAME: APPLGATE GROUP
AGE: PERM-TRI

NAMES/AGE OF IGNEOUS UNITS OR IGNEOUS ROCK TYPES

1) NAME: ASHLAND PLUTON
AGE: LJUR-CRET

GENERAL REFERENCES

1) MINERAL AND WATER RESOURCES OF OREGON, 1969, ODGMI BULL. 64, P. 179

State Department of Geology and Mineral Industries

1069 State Office Building
Portland 1, Oregon
September 21, 1964

Memorandum

Freeway Scheelite Occurrence

Location: NW $\frac{1}{4}$ sec. 8, T.40S., R.2 E, 1 mile north of Wall Creek
Railroad overpass in a new cut of Interstate 5.

Geology: A narrow zone of tactite containing some scheelite lies along the west side of a 3 foot thick lens of marble exposed in Applegate metasediments. The metasediments are situated along the margin of the Ashland diorite stock. The marble is exposed for a distance of about 25 feet and trends in a north-south direction. Diorite dikes are common in the vicinity.

The occurrence was discovered while Norm Peters and I were on an inspection trip along the freeway with Bill Hill of the State Highway Department. A sample taken from the tactite zone (About 18 inches thick) shows small amounts of scheelite under the ultraviolet light.

A more detailed investigation will be made at some convenient later date.

Report by: Len Ramp 6/18/64
Visited: 9/17/64

L. Ramp Bill Hill



SEPT 1964

Interstate 5

white = mantle