LAUREL GROUP (HgS)

Owners: C. L. Hartley, Tiller, and H. J. Dean, Sutherlin.

Area: Three lode claims - Tom, Dick and Harry held by location.

Location: SW¼ sec. 24, T. 28 S., R. 1 E. The main discovery on the Tom claim is located at 3,360 (aneroid) feet elevation on the SW side of a steep rhyolite knob 1 mile N. 25° E. from Flagstone Peak. The occurrence is reached via the South Umpqua River road, up the Quartz Mountain road 8 miles, then by walking down the SE-trending ridge for 2 miles plus (see Quartz Mtn. quadrangle).

Development: A shallow discovery cut is the extent of workings. There has been no production.

Geology: The area is underlain by volcanic rocks consisting of tuffs (in part sedimentary), basalts, and rhyolite. The prospect is on a 3-foot wide mineralized zone occurring in a rhyolite dike or plug(?). The mineralized zone contains narrow seams of barite crystals with lesser amounts of goethite crystals, pyrite, and minor cinnabar.

The zone strikes northwest and is near vertical. It can be traced for about 30 feet in the vicinity of the discovery cut.

Although cinnabar is visible in some of the specimens an assay of the zone would be quite low. Two samples submitted to the Department for assay include: BG-546 which tested Trace-gold, Nil-silver, and 0.80 lb. per ton Hg; and QQ-285, P-20216 which assayed 0.50 lb./ton Hg.

Visited: With C. L. Hartley and Roy Rannells 7/29/60.

Informant: C. L. Hartley.

Report by: Len Ramp 8/16/60.
CRIB MINERAL RESOURCES FILE 12

RECORD IDENTIFICATION
RECORD NO. M05680
RECORD TYPE. XM
COUNTRY/ORGANIZATION. USGS
MAP CODE NO. OF REC.

REPORTER
NAME. PETERSON, JOCelyn A.
DATE. 76 08
UPDATED. 81 03
BY. FERNS, MARK L. (BROOKS, HOWARD C.)

NAME AND LOCATION
DEPOSIT NAME. LAUREL
MINING DISTRICT/AREA/SUBDIST. TILLER
COUNTRY CODE. US
COUNTRY NAME: UNITED STATES
STATE CODE. OR
STATE NAME. OREGON
COUNTY. DOUGLAS
DRAINAGE AREA. 1710302 PACIFIC NORTHWEST
PHYSIOGRAPHIC PROV. 13 CASCADE RANGE
LAND CLASSIFICATION. 41

QUAD SCALE. 1: 62500
LATITUDE. 43-06-56N
LONGITUDE. 122-38-59W
UTM NORTHING. 4773500
UTM EASTING. 528500
UTM ZONE NO. +10
TW P. 028S
RANGE. 001E
SECTION. 24
MERIDIAN. WILLAMETTE

LOCATION COMMENTS: SW/4 SEC. 24, LOCATED TO CENTER OF QUARTER SECTION

COMMODITY INFORMATION
COMMODITIES PRESENT. HG
ORE MATERIALS (MINERALS, ROCKS, ETC.):
CINNABAR, BARITE

MAIN ORE MINERALS:
CINNABAR, BARITE

ANALYTICAL DATA (GENERAL)
2 ASSAYS SHOWN .8 AND .5 LB/TON HG

EXPLORATION AND DEVELOPMENT
STATUS OF EXPLOR. OR DEV. 2
PROPERTY IS INACTIVE

PRESENT/FUTURE OWNER C. L. HARTLEY AND H. J. DEAN, 1963

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:
NARROW SEAMS

FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA
SIZE OF DEPOSIT SMALL
STRIKE OF OREBODY NW
DIP OF OREBODY VERTICAL

DESCRIPTION OF WORKINGS
SURFACE

PRODUCTION
NO PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS ED
HOST ROCK TYPES RHYOLITE DIKE OR PLUG

AGE OF MINERALIZATION UPPER TER

PERTINENT MINERALOGY BARITE, GOETHITE, PYRITE

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES
1) NAME: LITTLE BUTTE VOLCANIC SERIES
AGE: ED

GEOLOGICAL PROCESSES OF CONCENTRATION OR ENRICHMENT: