B & H Claim (Antimony, Arsenic, Cinnabar)  
Douglas County  
Tiller-Drew Area

Owners: Bobb Cassell of Gilchrist, Oregon and Harry Cassell of Canyonville, Oregon.

Area: 1 lode claim.

Location: NW¼ sec. 13, T. 29 S., R. 1 W. The prospect is about 12.5 miles northeast of Tiller in a roadcut along the first righthand tributary of Boulder Creek.

Description: The country rocks are characteristic of the Western Cascades and consist of basalt and andesite flows, tuff breccias, agglomerate, and accompanying basic to acid intrusives.

A small discovery pit in a roadcut exposes realgar, orpiment and stibnite in a narrow shear zone in an intermediate to acid porphyritic dike. The mineralization is localized to a fractured zone near the center of the dike. The fractured zone trends N. 45° W. and dips steeply to the east. The sulfide minerals are found as fracture fillings and coatings with some pockets of more massive aggregates.

There are at least two more parallel fractured zones within the 100 to 125-foot wide dike, but only the one described shows mineralization.

Visited: With Len Ramp, Bobb Cassell, and Harry Cassell Nov. 16, 1957.


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CRIB MINERAL RESOURCES FILE 12

RECORD IDENTIFICATION
RECORD NO. ............... NO20163
RECORD TYPE ............... XSM
INFORMATION SOURCE ......... 1
MAP CODE NO. OF REC. .......

REPORTER
NAME .................................... FERNS, MARK L. (BROOKS, HOWARD C.)
AFFILIATION ......................... DDGM1
DATE .................................... 81 01

NAME AND LOCATION
DEPOSIT NAME ....................... B AND H
SYNONYM NAME ...................... LUCKY LOGGER
COUNTRY CODE ...................... US
COUNTRY NAME: UNITED STATES
STATE CODE ......................... OR
STATE NAME: OREGON
COUNTY ........................... DOUGLAS
DRAINAGE AREA ................. 17100302 PACIFIC NORTHWEST
PHYSIOGRAPHIC UNIT .............. 1B WESTERN CASCADES
LAND CLASSIFICATION .......... 40
QUAD SCALE ....................... 1: 62500
                      QUAD NO OR NAME RED BUTTE
LATITUDE ......................... 42-03-40N
LON足ITUDE ....................... 122-46-33W
UTM NORTHING ..................... 4767400
UTM EASTING ....................... 518250
UTM ZONE NO ...................... 10
TWP .................. 029S
RANGE .................. 001W
SECTION .............. 13
MERIDIAN .................. WILLAMETTE
LOCATION COMMENTS: NE 1/4 OF THE NW 1/4

COMMODITY INFORMATION
COMMODITIES PRESENT .......... SB HG AS

OCCURRENCE(S) OR POTENTIAL PRODUCT(S): POTENTIAL...........
ANALYTICAL DATA (GENERAL)
ODGMI ASSAYS RUN 0.50 - 1.90 % SB; NIL AU; NIL AG; NIL-0.80 % AS; NIL-1.1 LB/TON HG

EXPLORATION AND DEVELOPMENT
STATUS OF EXPLOR. OR DEV. 2

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:
SHEAR ZONE

FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA
SIZE OF DEPOSIT: SMALL
STRIKE OF OREBODY: N 45 W

DESCRIPTION OF WORKINGS
SURFACE

COMMENTS (DESCRIPTION OF WORKINGS):
SMALL CUT

PRODUCTION
NO PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS: OLIGO-MIO
HOST ROCK TYPES: VOLCANICS

IMPORTANT ORE CONTROL/LOCUS: FRACTURE ZONE

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES
1) NAME: LITTLE BUTTE VOLCANICS
   AGE: OLIGO-MIO

GEOLOGICAL PROCESSES OF CONCENTRATION OR ENRICHMENT:
70-90 E

GENERAL REFERENCES
1) RAMP, L., 1972, GEOLOGY AND MINERAL RESOURCES OF DOUGLAS COUNTY, OREGON; ODGMI BULL. 75, P. 16