State Department of Geology and Mineral Industries

1069 State Office Building
Portland 1, Oregon

PHILLIPS QUICKSILVER

Ashland Area
Jackson County

Thoroughly bleached and softened metavolcanic rock, containing some cinnabar, was stoped from a shear zone that measures 5 ft. by 50 ft. by 35 ft. The rock was furnaced at the property. All equipment has been removed. Very little cinnabar was seen, in place.

Owner: Mrs. Lena Phillips, Ashland, Oregon.

Location: NE¼ of SE¼ sec. 36, T. 38 S., R. 1 W., at an elevation of 2000 feet in a canyon southwest of Talent.

Mileage Route

Ashland Post Office, center of town of Ashland	0.0
Pacific Hwy. (U.S. #99) north past hot springs to old road to Talent. .	2.8
Take left (west) road - old road to Talent to mileage reading	3.5
Turn left (west), cross S.P. tracks, turn left (south) along the tracks	3.7
Turn right (west) up canyon. Elev. at R.R. is 1475 ft. Up canyon to mine buildings, elev. 1900 feet	4.5

History: Although cinnabar was reported by Winchell (14:148) at old Forty-Nine Diggings, the development of the Phillips property is recent. Ore was trammed from the lower level 175 feet to the ore bin and dumped into a retort at the mill. All machinery has been removed and the adits are caved at the portals.

Development: A narrow shear zone, 50-60 feet long has been stoped to a depth of 35 feet. A 5 ft. by 7 ft. shaft was sunk in the shear zone, but it is caved 50 feet from the collar. Elev. of the shaft collar is 2052. An adit at elev. 2040 feet cut through the ore zone and apparently no ore was picked up beyond. No. 2 level at elev. 2019 feet apparently was driven to cut the ore zone,

and some stoping was done on it. No. 3 level, at elev. 1950 feet apparently was driven to intersect the ore zone at a depth of 100 feet. The adit is caved at 145 feet from the portal and access beyond was inadvisable. It may well be that the shaft and the No. 3, or 100-ft. level connect, as the ore must have been trammed from this level.

Geology: The country rock is metavolcanics 1/ of Triassic? age 2/. Intense hydrothermal action has so altered the rock that its original character is almost indistinguishable. The altered rock is bleached and softened to an ocherous clay-like mass.

A shear zone that is 5 feet wide, trends N. 25° E. Attitude is vertical to very steeply northwest. The shear zone has been mined for a length of 50-60 feet and a depth of 35 feet. The zone can be traced to the northeast an additional 160 feet, to a point where cuts expose the shear zone. There is a well defined footwall. It is slickensided. Hanging wall is not as well defined and seems to blend with less altered rock in the adits.

Material in the shear zone has been thoroughly altered and softened to an ocherous, clay-like mass. Secondary calcite occurs in veinlets and also forms bouldery masses within the shear zone. Calcite in small crystals, is found in the altered rock beyond the footwall.

Evidence of ore was very difficult to find. Occasional small crystals of cinnabar were found in the calcite masses. Miners who worked the deposit reported that the ore was associated with the "boulders" which must mean the bouldery calcite masses. No evidence of cinnabar on the slickensided footwall was seen. There are no data on the grade of the ore.

Report by: Ray C. Treasher

Date: March 10, 1943

Informants: Lloyd Staples and RCT, March 10, 1943

References: 1/ Wells 40
2/ Wells and Hotz 41

State Department of Geology and Mineral Industries

702 Woodlark Building
Portland, Oregon

PHILLIPS QUICKSILVER — Ashland Area

The property was visited with Lloyd Staples. Earlier advice indicated that the property was in litigation between various persons who claimed to hold options. There is no information regarding production or quality of the ore.

A mill building apparently housed a small retort which was reporte to be a small one of the "Champion type". Staples looked over the situation and suggested that a small horizontal type retort was used and from the size of the calcine dump, that some 500 tons of stuff was furnaced. Later, figuring the size of the stope at 5 ft. by 50 ft. by 35 ft., and 20 cu. ft. to the ton, a figure of 435 tons of removed rock is arrived at. Apparently Staple's figures are in line.

All equipment has been removed, and all ore cleaned out of the bunkers, mill, and various mine workings. The workings stand open remarkably well, but the adits are partly caved at the portals. The 100-ft. level has a cave about 145 ft. from the portal withsome 4 feet of water behind the cave. This made the remainder of the 100-ft. level inaccessible. The shaft is badly caved about 50 feet from the surface, but rocks rolled into the caved mass continued to roll and suggest strongly that the shaft and the 100-ft. level connect.

By means of my tow rope tied around his waist, Staples attempted to get down the shaft. However, even that was dangerous on account of a very insecure ladder and shaft walls that peel loose material at the slightest tough. Entrance was made thru the 35-ft. level into the lower part of the stope and over to the shaft, but it was inadvisable to go further.

It was very difficult to see any cinnabar. Staples panned a number of samples with only a very few colors showing in the pan. It would appear that the ore, if any, has been removed, and that more ore, if any, will have to be prospected for. The property does not look like a very promising prospecting bet at present.

Ray C. Treasher,
March 13, 1943.

State Department of Geology and Mineral Industries

702 Woodlark Building
Portland, Oregon

PHILLIPS QUICKSILVER

Ashland Area
Jackson County

The property was visited with Lloyd Staples. Earlier advice indicated that the property was in litigation between various persons who claimed to hold options. There is no information regarding production or quality of the ore.

A mill building apparently housed a small retort which was reporte to be a small one of the "Champion type". Staples looked over the situation and suggested that a small horizontal type retort was used and from the size of the calcine dump, that some 500 tons of stuff was furnaced. Later, figuring the size of the stope at 5 ft. by 50 ft. by 35 ft., and 20 cu. ft. to the ton, a figure of 435 tons of removed rock is arrived at. Apparently Staple's figures are in line.

All equipment has been removed, and all ore cleaned out of the bunkers, mill, and various mine workings. The workings stand open remarkably well, but the adits are partly caved at the portals. The 100-ft. level has a cave about 145 ft. from the portal withsome 4 feet of water behind the cave. This made the remainder of the 100-ft. level inaccessible. The shaft is badly caved about 50 feet from the surface, but rocks rolled into the caved mass continued to roll and suggest strongly that the shaft and the 100-ft. level connect.

By means of my tow rope tied around his waist, Staples attempted to get down the shaft. However, even that was dangerous on account of a very insecure ladder and shaft walls that peel loose material at the slightest touch. Entrance was made thru the 35-ft. level into the lower part of the stope and over to the shaft, but it was inadvisable to go further.

It was very difficult to see any cinnabar. Staples panned a number of samples with only a very few colors showing in the pan. It would appear that the ore, if any, has been removed, and that more ore, if any, will have to be prospected for. The property does not look like a very promising prospecting bet at present.

Ray C. Treasher,
March 13, 1943.

CRIB MINERAL RESOURCES FILE 12

RECORD IDENTIFICATION
RECORD NO..... MO55847
RECORD TYPE..... K1M
COUNTRY/ORGANIZATION. USGS
INFORMATION SOURCE... BAILEY, E. H.
MAP CODE NO. OF REC..

REPORTER
NAME..... PETERSON, JOCELYN A.
DATE..... 76 08
UPDATED..... 80 10
BY..... FERNS, MARK L. (BROOKS, HOWARD C.)

NAME AND LOCATION
DEPOSIT NAME..... PHILLIPS
SYNONYM NAME..... MERIDIAN

MINING DISTRICT/AREA/SUBDIST. ASHLAND

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

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

COUNTY..... JACKSON
DRAINAGE AREA..... 17100308 PACIFIC NORTHWEST
PHYSIOGRAPHIC PROV..... 13 KLAMATH MOUNTAINS
LAND CLASSIFICATION..... 01

QUAD SCALE	QUAD NO OR NAME
1: 62500	TALENT

LATITUDE	LONGITUDE
42-13-19N	122-45-35W

UTM NORTHING	UTM EASTING	UTM ZONE NO
4674228.4	519832.6	+10

TWP..... 038S
RANGE.... 001W
SECTION.. 36
MERIDIAN. WILLAMETTE

POSITION FROM NEAREST PROMINENT LOCALITY: 2 MI. NW OF ASHLAND

COMMODITY INFORMATION

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

EXPLORATION AND DEVELOPMENT
STATUS OF EXPLOR. OR DEV. 4
PROPERTY IS INACTIVE
PRESENT/LAST OWNER..... PHILLIPS ESTATE, 1963

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:
VEIN/SHEAR ZONE
FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA
SIZE OF DEPOSIT..... SMALL
MAX WIDTH..... 5 FT
STRIKE OF OREBODY.... N 25 W
DIP OF OREBODY..... 85 W

DESCRIPTION OF WORKINGS
SURFACE AND UNDERGROUND
DEPTH OF WORKINGS BELOW SURFACE. 100 FT
LENGTH OF WORKINGS..... 275 FT

PRODUCTION
NO PRODUCTION

PRODUCTION COMMENTS.... NO RECORDED PRODUCTION BUT PERHAPS A FEW FLASKS WERE PRODUCED

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... PERM-TRI
HOST ROCK TYPES..... METAVOLCANICS, METADIABASE

PERTINENT MINERALOGY..... CALCITE, LIMONITE, CLAYS, CHALCEDONY, OPAL

IMPORTANT ORE CONTROL/LOCUS.. SHEAR ZONE

LOCAL GEOLOGY
NAMES/AGE OF FORMATIONS,UNITS,OR ROCK TYPES
1) NAME: APPLEGATE GROUP

GEOLOGICAL PROCESSES OF CONCENTRATION OR ENRICHMENT:
HYDROTHERMAL SOLUTIONS

COMMENTS (GEOLOGY AND MINERALOGY):
CINNABAR OCCURS BOTH WITH COARSE CALCITE VEINLETS IN DISCONTINOUS SILICA-LIMONITE STRINGERS AND AS MINOR