

December 15, 1941

State Department of Geology and Mineral Industries

702 Woodlark Building
Portland, Oregon

~~GARRY JOHNSON GROUP~~ (gold, copper) *Mt Geelben mine* Galice Area

Owner: Garry Johnson Estate.

Location: NW $\frac{1}{4}$ sec. 12, T. 33 S., R. 8 W.

Area:

History: This property has been worked, off and on, for a number of years. About three or five years ago, a small mill was operated here, but no record can be found of any shipment.

Development: There is a 30 foot winze that is open. Another winze to the north has a small stope. There are several cuts.

Economics: The vein cannot be seen, in place, but pieces on the dump indicate a 2 foot width. It is reported that the vein averages \$1.40 in gold, with some high grade up to \$14. Apparently, the vein has not been worked for its copper content.

Geology: Heavy sulfides are scattered, or bunched, in quartz. Principal sulfide is pyrite. Chalcopyrite is abundant. There is some copper stain near the surface.

Informant: E. A. Youngberg, 12/11/41 (not visited by R.C.T.)

Report by: RCT 12/12/41

RECORD IDENTIFICATION

RECORD NO..... M013307
RECORD TYPE..... XIM
COUNTRY/ORGANIZATION. USGS
FILE LINK ID..... CONSV
MAP CODE NO. OF REC..

REPORTER

NAME..... LEE, W
DATE..... 74 01

NAME AND LOCATION

DEPOSIT NAME..... MT. REUBEN MINE (GARY JOHNSON GROUP)

MINING DISTRICT/AREA/SUBDIST. GALICE

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

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

COUNTY..... JOSEPHINE

QUAD SCALE QUAD NO OR NAME
1: GALICE

LATITUDE LONGITUDE
42-43-19N 123-35-37W

UTM NORTHING UTM EASTING UTM ZONE NO
4729900. 451400. +10

TWP..... 33S
RANGE..... 08W
SECTION.. 12
MERIDIAN. W.M.

POSITION FROM NEAREST PROMINENT LOCALITY: NE1/4 NW1/4

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU CU

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 8

DEVELOPED BY SEVERAL CUTS AND 2 WINZES.

PRODUCTION
YES

ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)

PRODUCTION COMMENTS..... SMALL PRODUCTION.

GEOLOGY AND MINERALOGY

GEOLOGICAL DESCRIPTIVE NOTES. HEAVY SULFIDES ARE SCATTERED AND BUNCHED IN QUARTZ. PRINCIPAL SULFIDE IS PYRITE.
CHALCOPYRITE IS ABUNDANT. THERE IS SOME COPPER STAIN NEAR THE SURFACE.

GENERAL REFERENCES

- 1) GEOLMAP OF GALICE QUAD, WELLS & WALKER, 1953 (NO. 3)
- 2) DDGM1 BULL. 14-C, VOL. II, SEC. I, P. 37, 47
- 3) DDGM1 BULL. 34, P. 23

RECORD IDENTIFICATION

RECORD NO..... M060690
RECORD TYPE..... XIM
COUNTRY/ORGANIZATION. USGS
DEPOSIT NO..... DDGMI 100-5
MAP CODE NO. OF REC..

REPORTER

NAME..... JOHNSON, MAUREEN G.
UPDATED..... 81 03
BY..... SMITH, ROSCOE M.
FERN, MARK L. (BROOKS, HOWARD C.)
FERN, MARK L. (BROOKS, HOWARD C.)

NAME AND LOCATION

DEPOSIT NAME..... MOUNT REUBEN
SYNONYM NAME..... GARY JOHNSON

MINING DISTRICT/AREA/SUBDIST. MT. REUBEN

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

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

COUNTY..... JOSEPHINE
DRAINAGE AREA..... 17100310 PACIFIC NORTHWEST
PHYSIOGRAPHIC PRDV..... 13 KLAMATH MOUNTAINS
LAND CLASSIFICATION..... 41

QUAD SCALE QUAD NO OR NAME
1: 62500 GALICE

LATITUDE LONGITUDE
42-43-20N 123-35-38W

UTM NORTHING UTM EASTING UTM ZONE NO
4729915.2 451376.7 +10

TWP..... 33S
RANGE..... 08W
SECTION.. 12
MERIDIAN. W.M.

ALTITUDE.. 3650

MAJOR PRODUCTS.. AJ
MINOR PRODUCTS.. AG

OCCURRENCE(S) OR POTENTIAL PRODUCT(S):
POTENTIAL..... U?

ORE MATERIALS (MINERALS, ROCKS, ETC.):
CHALCOPYRITE, PYRITE; CHALCOHITE

COMMODITY SUBTYPES OR USE CATEGORIES:
1.00 AU:AG

COMMODITY COMMENTS:
VER LITTLE QUARTZ

ANALYTICAL DATA (GENERAL)

23 ASSAYS INDICATE TR TO 0.145 OZ/T AU & 0.50 OZ/T AG, PICKED SAMPLE OF MASSIVE CP & CC ASSAYED 6.9% CU; OXIDIZED ORE ASSAYED 0.1 TO 0.4 % CU

EXPLORATION AND DEVELOPMENT
STATUS OF EXPLOR. OR DEV. 4

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:
MASSIVE SULFIDE; SHEAR ZONE
FORM/SHAPE OF DEPOSIT: LENS

SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL
STRIKE OF OREBODY..... NORTHERLY
DIP OF OREBODY..... 50-85 E

COMMENTS (DESCRIPTION OF DEPOSIT):

DEVELOPMENT NOT GONE BEYOND OXIDIZED ZONE

DESCRIPTION OF WORKINGS

COMMENTS (DESCRIP. OF WORKINGS):
CUTS, 4 SHAFTS TO 40', STOPES

PRODUCTION

YES
SMALL PRODUCTION

ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.) YES

ITEM ACC AMOUNT THOUS. UNITS YEAR GRADE, REMARKS

PRODUCTION YEARS..... 1937

SOURCE OF INFORMATION (PRODUCTION).. USBM

RESERVES ONLY

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE OR USE
1		PRIMARY ORE		1947	INF

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... JUR
HOST ROCK TYPES..... GREENSTONE
IGNEOUS ROCK TYPES..... GABBRO & QUARTZ DIORITE

GEOLOGICAL DESCRIPTIVE NOTES. GREENSTONE APPEARS TO BE ANDESITIC METASEDIMENT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES

- 1) NAME: ROGUE VOLCANICS
AGE: JUR

SIGNIFICANT LOCAL STRUCTURES:
HANGING WALL OF SHEAR ZONE

SIGNIFICANT ALTERATION:
STAINED, RED -BROWN POROUS GOSSAN

COMMENTS (GEOLOGY AND MINERALOGY):

LENSES OF QUARTZ, CHALCOPYRITE, AND PYRITE OCCUR IN A SHEAR ZONE IN METAVOLCANICS.

GENERAL COMMENTS

RECORD NUMBER (M013307) HAS BEEN MERGED WITH THIS RECORD AND DELETED FROM THE OREGON FILE.

GENERAL REFERENCES

- 1) RAMP, L. AND PETERSON, N.V., 1979, GEOLOGY AND MINERAL RESOURCES OF JOSEPHINE COUNTY, OREGON; ODGMI BULL. 100, 45P
- 2) YOUNGBERG, E.A., 1947, MINES AND PROSPECTS OF THE MOUNT REUBEN MINING DISTRICT, JOSEPHINE COUNTY, OREGON; ODGMI BULL. 34, P. 23