

QUARTZ PROPERTY

Gold Hill Dist

Treasure Co

1. Name of property First Hope
Operating company (or individual) W. A. Moore, Carl Cassidy, W. W. Balderree and W. Berry of Grants Pass and W. A. Moore of Mt. 1
~~Address~~ Location of property On east fork of Savage Creek 12 miles Grants Pass
~~Location of property~~ Acreeage of holdings from Grants. Road only within one mile of property.
One claim 20.65 acres in Jackson county, S.W. $\frac{1}{4}$ Sec 7, T. 37S., R. 4W.
2. History of property, past and recent:
Discover 1935, worked intermittently ever since.
3. ~~History of production:~~ *Production* $\$1700$ $\$500$
A pocket taken out of ~~$\$1500$~~ in 1934. A pocket taken out of $\$500$ in 1935. About $\$100$ since then.
4. Development: ~~Number of levels, lengths of drifts and cross-cuts, raises, etc.:~~
 $\$$ tunnels and a number of open cuts. A tunnel runs S. 20°E. 165 feet to get under the $\$1700$ pocket at a depth of about 80 feet. Vein (over)
5. General description and ~~equipment on hand, topography, country rocks, elevation, timber, water, snow fall, climate, power, etc.~~ Equipment consists of two brake drums bolted together making a small test mill run by hand. Moun'ous topography; andesite porphyry country rock; elevation 3000 ft. plenty of mine timber; water power will have to be developed; a small amount in east fork of Savage Creek. 5 feet of snow maximum; no power available close.
6. Geology - ~~General and local. Ore geology - type of deposit, i.e. vein, mineralized zone, bed: contact relations, attitude and orientation, vein minerals, gangue, type of mineralization, alteration, enrichment, etc.~~ Quartz stringers in porphyry which form pockets here and there. The stringers are running in a N.E.--S.W. direction. Manganese oxides have concentrated in a superficial zone. In places the rock is as black as coal. The manganese is a coating on the rock.
7. Metallurgy - ~~nature of ore, hard or soft, free-milling, base, direct shipping, etc. Kind of mill and equipment in use or planned, current daily tonnage of ore or concentrates, approximate value, freight rates to smelter, etc.~~
What ore that has been found has been of a high enough grade to mortar by hand.
8. Remarks - ~~economics: High or low cost, principal drawbacks, reasons for success or failure, apparent life of operation based on apparent quantity of ore available.~~ A pocket *proposition* so far. There is a possibility of being enough quartz stringers to make it a low grade *proposition*. The workings were so caved and *filled up* that sampling would have taken longer than I could spend on the property. *property*
too long

J. E. Morrison, informant

4. continued--was not reached or was not recognized when it was crossed. A tunnel runs south 65 feet with cross cuts running 8 feet to the West and 20 feet east from the face. About 10 feet east from the face is a winz 10 feet deep. This tunnel was also run to get under the \$1700 pocket at about 300 feet depth. The third tunnel is near the top of the ridge and runs S. 40°W. 42 feet along a fracture.

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RECORD IDENTIFICATION

RECORD NO..... M013880
RECORD TYPE..... X1M
COUNTRY/ORGANIZATION. USGS
FILE LINK ID..... CONSV
MAP CODE NO. OF REC..

REPORTER

NAME..... LEE, W
DATE..... 74 01
UPDATED..... 80 12
BY..... FERNS, MARK L. (BROOKS, HOWARD C.)

NAME AND LOCATION

DEPOSIT NAME..... FIRST HOPE

MINING DISTRICT/AREA/SUBDIST. GOLD HILL

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

STATE CODE..... DR
STATE NAME: OREGON

COUNTY..... JACKSON

QUAD SCALE QUAD NO OR NAME
1: 62500 GOLD HILL

LATITUDE LONGITUDE
42-21-47N 123-13-29W

UTM NORTHING UTM EASTING UTM ZONE NO
4689900. 481500. +10

TWP..... 37S
RANGE..... 04W
SECTION.. 07
MERIDIAN. WILLAMETTE

ALTITUDE.. 3000'

POSITION FROM NEAREST PROMINENT LOCALITY: SW1/4, ELEVATION 3000 FEET.

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU MN

OCURRENCE(S) OR POTENTIAL PRODUCT(S):
POTENTIAL.....
OCURRENCE..... MN

ORE MATERIALS (MINERALS, ROCKS, ETC.):
FREE GOLD, MANGANESE OXIDES

EXPLORATION AND DEVELOPMENT
STATUS OF EXPLDR. OR DEV. 4

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:
VEIN/POCKET

DESCRIPTION OF WORKINGS
SURFACE AND UNDERGROUND

COMMENTS (DESCRIP. OF WORKINGS):
280 FT IN THREE TUNNELS AND NUMEROUS OPEN CUTS.

PRODUCTION
YES

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

PRODUCTION COMMENTS..... DISCOVERED IN 1934 AND PRODUCED A \$1700 POCKET. A \$500 POCKET WAS TAKEN OUT IN 1935 AND ABOUT \$100 SINCE.

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... PERM-TRI
HOST ROCK TYPES..... GREENSTONE, PORPHYRITIC ANDESITE

PERTINENT MINERALOGY..... QUARTZ, MN OXIDES

GEOLOGICAL DESCRIPTIVE NOTES. NORTHEAST-TRENDING QUARTZ STRINGERS SOMETIMES CARRYING HIGH-GRADE ORE OCCUR IN MANGANESE -STAINED, FRACTURED, PORPHYRITIC ANDESITE.

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES

1) NAME: APPLGATE GROUP
AGE: PERM TRI

GENERAL REFERENCES

- 1) BROOKS, H.C. AND RAMP, L., 1968, GOLD AND SILVER IN OREGON; ODGMI BULL. 61, P. 252
- 2) OREGON METAL MINES HANDBOOK, 1943, ODGMI BULL. 14-C, VOL. 2, SEC. 2, P.66