1. Name of property: First Hope  
   Operating company (or individual): W. A. Moore, Carl Cassidy, W. W.  
   Address: Balderree and W. Berry of Grants Pass and W. A. Moore of Mt. 1  
   Location of property: On east fork of Savage Creek 12 miles from Grants Pass.  
   Acreage of holdings from Grants Pass Road and within one mile of property.  
   One claim 20.65 acres in Jackson county, S.W. 1 Sec 7, T. 37S., R. 4W.  

2. History of property, past and recent:  
   Discover 1935, worked intermittently ever since.  

3. History of production:  
   Pocket taken out of $1700 in 1934. A pocket taken out of $200 in 1935. About $100 since then.  

4. Development:  
   Number of levels, lengths of drifts and cross-cuts, raises, etc.:  
   5 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 used:  
   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.  

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 foot depth. The third tunnel is near the top of the ridge and runs S. 40° W. 42 feet along a fracture.
1. **Name of property**  
First Hope

**Operating company (or individual)** W. A. Moore, Carl Cassidy, W. W.

**Address**  
Balderree and W. Berry of Grants Pass and W. A. Moore of Rt. 1

**Location of property**  
On east fork of Savage Creek 12 miles Grants Pass

**Acreage of holdings**  
From Grants. Road only within one mile of property.

**One claim 20.65 acres in Jackson county, S.W. 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:**
A pocket taken out of $1700 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.:  
5 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. Mountainous 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 in 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.**
C R I B MINERAL RESOURCES FILE 12

RECORD IDENTIFICATION
RECORD NO. .............. M013880
RECORD TYPE .............. XM
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 .............. OR
STATE NAME: OREGON
COUNTY ................. JACKSON

QUAD SCALE 1: 62500
QUAD NO OR NAME GOLD HILL

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

UTM NORTHING 4689900
UTM EASTING 481500

UTM ZONE NO +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
OCCURRENCE(S) OR POTENTIAL PRODUCTS:
POTENTIAL: MN

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

EXPLORATION AND DEVELOPMENT
STATUS OF EXPLOR. OR DEV. 4

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:
VEIN/POCKET

DESCRIPTION OF WORKINGS
SURFACE AND UNDERGROUND

COMMENTS (DESCRIPTION OF WORKINGS):
200 FT IN THREE TUNNELS AND NUMEROUS OPEN CUTS.

PRODUCTION
YES

ANNUAL PRODUCTION (ORE, COMM., CONC., OREBURD.)

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: APPLEGATE GROUP
   AGE: PERM TRI

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