

1. Name of property Cougar Mine  
 Operating company (or individual) H. J. Stephens and M. L. Hickerson  
 Address P. O. Box 405, Grants Pass Grants Pass Auto Court  
 Location of property Coyote Creek, Sec. 22, T. 33 S., R. 5 W., N. E. 1/4  
 Acreage of holdings Five and one-half claims, 100 acres. Cougar and Rex are the names of 2 of the claims but the others were not known
2. History of property, past and recent: Hickerson, who was on the property did not know anything about the past history. Mr. Livingstone, a neighbor stated a small pocket had been taken out.
3. History of production: No record
4. Development: Number of levels, lengths of drifts and cross-cuts, raises, etc.:  
Two shafts, 40 feet deep on vein. One open cut and two cross-cut tunnels.
5. General description and equipment on hand, topography, country rocks, elevation, timber, water, snow fall, climate, power, etc. Old model T Engine front two cylinders made into compressor while run by back two cylinders and an Ingersoll-Rand Rock drill. Mountainous topography. Greenstone country rock shown by Riddle Folio. Mountainous topography. Elevation 3200 feet, plenty of mine timber, very little water, no water power. Maximum snow is two feet, can work all year.
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. Porphyry country rock forms contact to the east <sup>with</sup> serpentine. Quartz and wallrock make up the filling in the zone of fracture. The filling is soft and crushed. I did not see any sulphides or gold in the samples I looked at, however, the pocket was said to be free gold. Pyrite is common in that district. Strike N. 36 E., Dip 78° N. on Cougar. Strike N. 33 E., Dip 66° N. on Rex.
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.

Not developed to that stage.

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. The two boys that own it are sons of well-to-do families and are just playing around. Really not doing any work. Hickerson did not know enough about the property to show it to me. This is another case of a miner finding a small pocket and selling the claims on the production of it.

*Now owned by O.E. Wyre (Reported)  
 Aug 1946, alt*



Cougar Mine  
T. 33 S., R. 5 W., sec. 23

*Greenback Dist.*

STATE DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES

ASSAY REPORT

Office Number AG-1330

Grants Pass, Oregon

~~Baker, Oregon~~

October 12, 19~~7~~40

Sample submitted by H. J. Stephens

Rogue River, Oregon

Sample description Silicified dioritic rock containing a small amount of  
pyrite.  $\frac{3}{4}$  lb.  $\frac{1}{2}$  inch.

The assay results given below are made without charge as provided by Chapter 176, Section 10, Oregon Laws 1937, the sender having complied with the provisions thereof.

NOTICE: The assay results given below are from a sample furnished by the above named person. This department had no part in the taking of the sample and assumes no responsibility, other than the accuracy of the assay of the material as furnished it by the sender.

Sample Number	GOLD		SILVER		Percent	Value	Percent	Value	Total Value
	Ounces per ton	Value	Ounces per ton	Value					
	0.30	10.50	Trace						\$10.50

Market Quotations:

Gold \$5.00 per oz.  
Silver \$ per oz.  
\$ per oz.  
\$ per oz.

STATE ASSAY LABORATORY

*Albert C. Lewis*  
Assayer



PRODUCER(PAST OR PRESENT):  
MAJOR PRODUCTS.. AU

DRE MATERIALS (MINERALS,ROCKS,ETC.):  
FREE GOLD, PYRITE

EXPLORATION AND DEVELOPMENT  
STATUS OF EXPLOR. OR DEV. B

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:

LODE

FORM/SHAPE OF DEPOSIT: POCKET

SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL

STRIKE OF OREBODY..... N36E

DIP OF OREBODY..... 78N

DESCRIPTION OF WORKINGS

COMMENTS(DESCRIP. OF WORKINGS):

DEVELOPED BY 2 SHAFTS, ONE OPEN CUT AND 2 CROSSCUT TUNNELS.

PRODUCTION

YES

SMALL PRODUCTION

CUMULATIVE PRODUCTION (DRE,COMMOD.,CONC.,OVERBUR.)

ITEM	ACC	AMOUNT	THOUS.UNITS	YEAR	GRADE,REMARKS
15 AU		SMALL			PRE-1938

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... PERM-TRI

HOST ROCK TYPES..... PORPHYRITIC GREENSTONE IN CONTACT WITH SERPENTINE

PERTINENT MINERALOGY..... QUARTZ, CALCITE

IMPORTANT DRE CONTROL/LOCUS.. CONTACT

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS,UNITS,OR ROCK TYPES

1) NAME: APPELEGATE GROUP

AGE: PERM-TRI

## CRIB MINERAL RESOURCES FILE 12

## RECORD IDENTIFICATION

RECORD NO..... M013393  
 RECORD TYPE..... X1M  
 COUNTRY/ORGANIZATION. USGS  
 FILE LINK ID..... CONSV  
 DEPOSIT NO..... DDGMI 100-50  
 MAP CODE NO. OF REC..

## REPORTER

NAME..... LEE, W  
 DATE..... 74 01  
 UPDATED..... 81 02  
 BY..... FERNS, MARK L. (BROOKS, HOWARD C.)

## NAME AND LOCATION

DEPOSIT NAME..... COUGAR MINE

MINING DISTRICT/AREA/SUBDIST. GREENBACK

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

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

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

QUAD SCALE QUAD NO OR NAME  
 1: GLENDALE

LATITUDE LONGITUDE  
 42-41-30N 123-16-22W

UTM NORTHING UTM EASTING UTM ZONE NO  
 4726400. 477650. +10

TWP..... 33S  
 RANGE..... 05W  
 SECTION.. 22  
 MERIDIAN. W.M.

POSITION FROM NEAREST PROMINENT LOCALITY: NE1/4

LOCATION COMMENTS: ADJACENT TO SPOTTED FAWN