

CRIB MINERAL RESOURCES FILE 12

RECORD IDENTIFICATION

RECORD NO..... N013856  
RECORD TYPE..... XIM  
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..... GREAT I AM  
MINING DISTRICT/AREA/SUBDIST. GOLD HILL-APPLEGATE-WALDO AREA, 35

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

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

COUNTY..... JACKSON

QUAD SCALE            QUAD NO OR NAME  
1: 62500            RUCH

LATITUDE            LONGITUDE  
42-13-36N            123-13-34W

UTM NORTHING        UTM EASTING        UTM ZONE NO  
4674750.            481350.            +10

TWP..... 38S  
RANGE.... 04W  
SECTION.. 31  
MERIDIAN. WILLAMETTE

POSITION FROM NEAREST PROMINENT LOCALITY: NW1/4 NEAR HEAD OF FARRIS GULCH, ABOUT 2600 FEET ELEVATION.

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU    AG

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

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
VEIN/SHEAR ZONE

DESCRIPTION OF WORKINGS  
UNDERGROUND

COMMENTS (DESCRIP. OF WORKINGS):  
1200 FT IN THREE LEVELS

PRODUCTION  
YES

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

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

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE, REMARKS
15	DRE ACC	1.054	TONS	1923-1941	0.94 OZ/TON AU; 0.13 OZ/TON AG

SOURCE OF INFORMATION (PRODUCTION).. USBM

PRODUCTION COMMENTS..... TOTAL PRODUCTION AMOUNTED TO ABOUT \$30,000

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... PERM-TRI  
HOST ROCK TYPES..... GREENSTONE

PERTINENT MINERALOGY..... QUARTZ

GEOLOGICAL DESCRIPTIVE NOTES. COUNTRY ROCKS ARE HIGHLY SHEARED METAMORPHICS OF THE APLEGATE GROUP, AT LEAST A PORTION BEING ALTERED SEDIMENTS.

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES

- 1) NAME: APLEGATE GROUP  
AGE: PERM TRI

SIGNIFICANT LOCAL STRUCTURES:  
CONSIDERABLE SHEARING



Transportation: 2 miles of poor, mountain road + 1 mile of fair road down Ferris  
bulch to Applegate road about 2 miles east of Provo. Road has been possible  
with chains all year the year.

Mining Facilities Water scarce, no power, timber is 18" fir, some pine, elev. is  
about 2500' typical for the Pacific climate

Logging Mountain - forest cover in fir, 18" fairly heavy.

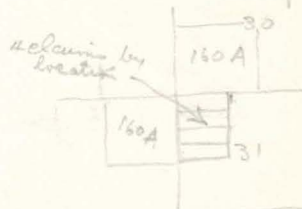
Geology Country rock in most of the workings is a meta-sedimentary rock, fine grained,  
dark gray. Face of main level + upper level is a slate. Vein, as such, is a  
fault zone, with gouge, + quartz in places, that trends with the drifts. At  
main level it strikes N. 60° W + stands vertical, same as lower level. Vein fractures +  
swells, probably 2' wide, maximum, appears to rake to the SE with a rake-dip of  
about 45°. Mining indicates a series of high grade pockets

Metallurgy Formerly free milling, using stamps. Carl Young is expanding dump at  
present.

Great Dam (gold) Upper Applegate District. Jackson County

Owner Mrs. Viola Wilken, 7th St. Grant Pass. Earl Young 211. East E St. Grant Pass  
now cyaniding the dump.

Location NW 1/4 sec. 31, T. 38S, R. 4W. Jackson Co., on Ferris Gulch, 3.0 miles south of  
Applegate road. Elev. \_\_\_\_\_



Area 4 lode claims, unpatented, located

History Claims bot by Henry V. Wilken, deceased, in 1922 from Zeb Hyde for  
2-3 hundred dollars. Took out several thousand and leased to a company known  
as the Josie Jack Co. who took out some \$30,000. Josie Jack Co. lease terminated  
& Wilken worked until his death. Several attempts since then to locate high  
grade pockets & some are taken out. Young is now cyaniding dump.

Development 3 levels. Upper level is original working [get from Johnny]

main level is 275' to face, - 35' in for portal to raise - at 55' from portal, caved.

Level can be entered from above. Shaft outside portal 80' deep.

Lower level. principal drift is a gouge zone, hits about 10' north of shaft. which  
goes about 40' below the level, at 165' from portal, a drift to the right with considerable  
steeping. Main drift goes in 250'.

Total of — +275' + 250', plus x cuts, etc. 85' on lower level, 30' main level, 80'  
of shaft

Equipment at present, not much. Mill had 4 stamps, Wilfley table, power by  
auto engine, a other gas engine for auxiliary power.



Great Dam,

Wilkins Mine

Upper Applegate Dist.?

Jackson Co.

Owners Mrs. Viola Wilkins, Grants Pass.

Earl Young, operating, cyaniding the dump.

Location NW 1/4 sec. 31, T. 38 S., R. 4 W., Jackson Co., on Ferris Gulch, 2.0 miles south of Applegate road. Elev. — ? see sketch — 3rd zone.

Area

History said to have produced \$150,000. Formerly known of the Great Dam and the Josie Jack. Effort being made by Earl Young to cyanide the dump. One man employed. Claims lost by Harry V. Wilken in 1922 for 3¢ per lb of — few hundred dollars.

Development Log

PL#1 - 10' due N of center of shaft.

1-2 N. 80° W. 15'

2- N. 30° W 10' to caved mouth of tunnel continuing in that direction

2-3 N. 65° W - 10' portal of tunnel.

3-4 N. 60° W. 20' X cut to right.

4- raise N. 60° W. 15' raise to surface

raise to caved shut N. 60° W - 20' estimated  
275' portal to face

4-4b - cut. N 35° E - 20' from pts # 4

4a-4b - N 0° E - 10' to face of X cut.

1-A S 80° E 85' top edge of dump.

A-B vertical angle - 29° S 43° E. Elev. diff. - 25' 60"

B-C, N 65° W 90' into lower tunnel portal.

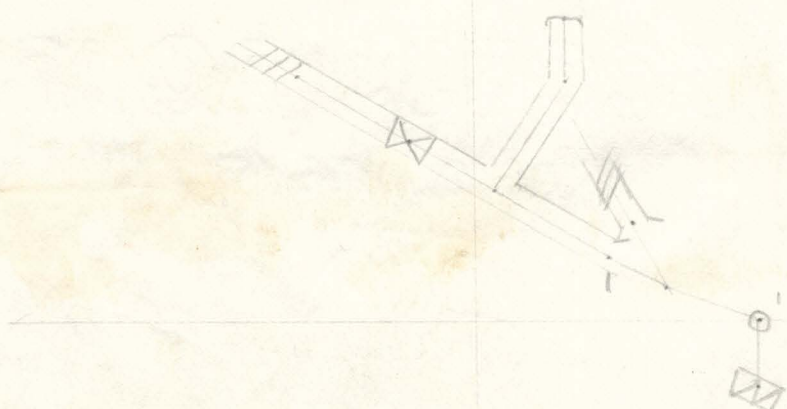
C-D N. 63° W 120' to shaft, due S. of # 1

D- N. 55° W 20' on ~~to shaft~~ pt. directly below # 1 which is 10' N. of shaft.

165'

Scale 30' = 1"

2740  
2680



Geology Strike N 60° W, vertical, about 2 1/2' wide in slope that breaks thru to the surface.

16 1/2  
9 1/2  
250

B-C dumps to portal N. 65° W 30'

C (portal) - D N. 63° W. 250' portal to face.

140' to a pt 10' north of shaft up to pt. of beginning  
25' to a raise that has - level off to the N about 20' above point C,  
85' to face

{ C<sub>1</sub> - C<sub>2</sub> N. 45° W 35' drift that angles off to the N.  
C<sub>2</sub> - C<sub>3</sub> N 62° W 25' to face of N drift

Elev. lower tunnel 2680  
" main tunnel 2740  
" upper tunnel. 2780

### Lower Workings.

Lower tunnel - main adit on a shear zone, fault, <sup>slant</sup> practically vertical, movement appears to be horizontal + parallel to adit. Near the portal movement seems to be steeper + rises to the N.W. Shaft that breaks thru to surface has a level taking off from it about 25' overhead - sub-level tends to parallel adit below. Shaft goes deeper than lower level, but is full of water. A raise at C, connects with sublevel.

C<sub>1</sub> - C<sub>2</sub> is an opening along a quartz seam that pinches + swells. Narrow stops extend upward along line of the tunnel or N. 45° W. One shoot apparently rises to the S.E. Slope extends upward beyond reach of lights. Tunnel C<sub>1</sub> - C<sub>2</sub> ends at a face.

Main tunnel continues to a point 250' from the portal + ends at a face.  
Country rock appears to be meta-sedimentary

Main Working. Points 1-4 on a drift in similar country rock



Harry Wilken bot from Geo Hyde, 1922, for few hundred dollars  
Original workings began at the upper shaft 80' deep

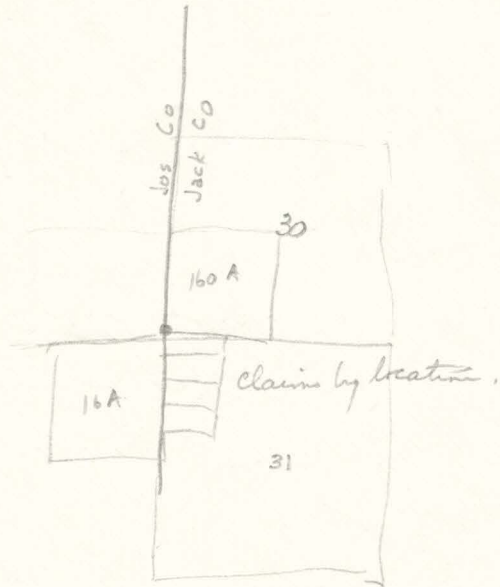
Probable total production \$35,000 - \$40,000 (Mr. Young)

The Josie Jack Co. leased from Wilkins, - property owned by Viola Wilkins 7<sup>th</sup> St.

~~Mill has 4 stamps, one water, water like engine in foreground, all on the same~~

Paving work cyaniding. ~~to~~ recovery <sup>\$</sup>3-<sup>\$</sup>4 - ton has worked about 30 tons

~~owns 4 claims east west, claims at east~~



Sec. 30 & 31  
T38 R.4

going OUT: Upper Tunnel

S55°E - 60' (Raise 30'+) Vein 6-10" wide brecciated arg. qtz-filled

S65°E - 20' } underhand Filled.

" 35'

N100W - crosscut 20'

~~N100W~~

S65°E - 5' underhand

10' winze (or raise)

10' raise to surface.

25' winze & underhand here on out.

25' present portal. - all caved here out.

35' raise from below.

220'