

Lower Applegate Dist
Josephine County

Name: Exchequer Mine (gold) *Lode*

Owner: Exchequer Mines, Inc.

H. F. Byram, Grants Pass, Oregon

This property is described on Page 92 in the Handbook, and on the inclosed Report by J. L. Pierson. Mr. Byram also examined the property and you will find his estimate shown in green.

Holdings consist of 1 patented claim 600 by 850 feet, 11.7 acres, in the S.W. $\frac{1}{4}$ of Sec. 35. One unpatented mining claim held by location in the S.E. $\frac{1}{4}$ of Sec. 34, T. 36 S., R. 5 W. Elevation 1400 to 1800 feet.

The upper workings (above No. 2 level) are inaccessible due to cave-ins, and the lower workings are full of water. No. 2 tunnel, which runs in a general N. 66° W. direction, is as shown on attached sketch. The No. 2 tunnel has been extended along the vein this winter until it is now approximately 50 feet beyond No. 2 shaft.

Informant: J. E. Morrison. February 28, 1939.

This report must be properly executed and filed with the Corporation Commissioner on or before July 1, 1930, in order to entitle a corporation mining for any of the precious metals, coal, or prospecting or operating for oil, or operating an oil well, to pay a license fee of only \$10. If not so filed, such corporation must pay the same license fees as are required to be paid by other corporations for gain.—Section 6890, Oregon Laws.

Annual Report to the Corporation Department

FOR THE YEAR ENDING JUNE 30, ~~1930~~ 1937

Of EXCHEQUER MINE INC......
(Give legal name in full)

a corporation organized and existing under and pursuant to the laws of the State of Oregon.

The location of its principal office is at No. L. E. Main..... Street,
 in the city of Medford....., in the state of Oregon.....

The names and addresses of principal officers, with the postoffice address of each, are as follows:

NAMES	OFFICE	BUSINESS ADDRESS
George Lowd	President	720 Mead St., Grants Pass
H. F. Byram	Secretary	375 Edgecliffe Road, Portland
do	Treasurer	do

The date of the annual election of officers is 1st Monday in June.....

The date of the annual election of directors is do.....

	Common With Par Value	Common No Par Value	Preferred
Amount of authorized capital stock	\$ 15,000.00	Shares	\$
Number of shares of authorized capital stock	300		
Par value of each share	\$ 50.00	x x x x x x	\$
Amount of capital stock subscribed	\$ 15,000.00	Shares	\$
Amount of capital stock issued	\$ 15,000.00	Shares	\$
Amount of capital stock paid up	\$ 15,000.00	Shares	\$
Price at which no par value stock issued	x x x x x x	\$	x x x x x x

State amount of capital, represented by stock of no par value, with which
 the corporation began business \$

Total amount of its properties in Oregon (name of claims, lodes, or placers)

EXCHEQUER MINE

The location of its properties Josephine County.....
 The amount of work done thereon and improvements made thereon since the time of filing
 last report 50 feet raising.....

The amount of output or products of the mines or wells of such corporation from January 1,
¹⁹³⁶1929, to December 31, ¹⁹³⁶1936, inclusive, none..... 5 tons.....

The value of output or products of the mines or wells of such corporation from January 1,
¹⁹³⁶1929, to December 31, ¹⁹³⁶1936, \$ 132.06.....

IN WITNESS WHEREOF, I, H. F. Byram, Sec-Treas.,
 of said corporation, have signed this report, this

[CORPORATE SEAL]

28th day of June, A. D. 1937.....
 (not signed)

STATE OF OREGON, deposition signed by H. F. Byram
 County of }
 ss.

I,,
 being first duly sworn, depose and say, upon oath, that I am of the foregoing corporation;
 that said corporation is not engaged in or transacting any other business except that of locating, prospecting,
 developing or operating mines for any of the precious metals, coal, or prospecting or operating for oil, or operating
 an oil well; that the value of the output or products of the mines or wells of said corporation from January 1, 1929,

Green - Comments by H.F. Byram

J. L. Pierson
Mining Engineer •

REPORT ON THE EXHEQUER MINE - JOSEPHINE COUNTY

OREGON

January 18, 1937

SUMMARY

A conservative tonnage estimate on the chutes developed on the three levels indicates approximately 3000³⁰⁰⁰ tons of ore reserves. 50 2000 tons below the No. 2 tunnel and 1000 tons above the No. 2 tunnel. ← 450

A general average of all my samples show an average width of 3.5 feet and value of \$26.80 per ton. ~~10.00~~

Gross value of 3000 tons of ore at \$25.00 per ton is \$75,000.00. ~~15000.00~~

Figured at 80% recovery and \$9.00 per ton mining and milling costs this should show a profit of \$33,000.00. ~~4500.00?~~

Development work outlined can be done for \$3500.00.

The possibility of other ore chutes on the property and of values at greater depth on the present chutes makes this a very attractive mine for small daily production.

Name of Organization

The Exchequer Mine is owned by the Exchequer Mine Inc., incorporated in the State of Oregon. The Company is capitalized for fifteen thousand dollars (\$15,000.), 300 shares of fully paid, non assessable stock of no par value. 52% of this stock is held by F. Dale Wyatt and 48% by George Lowd.

Location of Property

The mine is located 13 miles South of Grants Pass on the Applegate highway to Jacksonville. The main tunnel portal is approximately one thousand feet from the highway on a private road through a farm adjoining the mine. Electric power is available at the highway.

The property consists of ten acres of patented land and one unpatented mining claim. The title to the property is clear.

HISTORY

The Exchequer Mine was developed and operated from 1888 to 1913 by Doctor Flamigan of Medford. Highgrade shipping ore, and oxidized ore from which the gold was recovered by amalgamation were

produced during this period. Sulphide ore below the oxidized zone was mined only when it was of a shipping grade.

There are no accurate figures immediately available on past production, but net profits are estimated to have been in excess of one hundred thousand dollars (\$100,000.)

Geology

The mine is located near the western contact of a large diorite dyke with a general north-south strike.

Veins occur on fractures in the diorite, striking N. 50° W. to N. 70° W. with a dip of 80° to the north.

Fractures on which the veins occur are well defined, with hard walls and show a little gouge. Heavy gouge seams occur principally on the hanging wall side of veins.

Ore

The main Exchequer vein is from 2½ feet to 5½ feet wide with an average width between walls of 4 feet.

The ore is a hard white to grey quartz containing free gold, gold with an arsenical coating, pyrite and arsenopyrite. Gangue ^{2 to 1} material is broken diorite heavily mineralized with pyrite. Diorite gangue has not been tested for values but was included in all samples cut. Gouge seams carry some value.

Samples cut under my supervision in the #2 tunnel along 35 feet of the main Exchequer vein show an average value of \$23.58 over an average width of 4.1 feet. Thirteen samples were cut on this vein in the drift and above the tunnel level in the shaft as shown in the accompanying assay sketch.

Nineteen samples cut by Mr. Wyatt on this chute in the No. 2 and No. 3 levels averaged \$45.20 over an average width of 2.8 feet.

In the No. 1 tunnel no samples were cut on this vein as it had been underhand stoped for several feet in the floor of the drift.

no evidence
The South vein occurs in the footwall from 0 to 15 feet from the Exchequer vein. The veins are closely parallel as to strike and dip. This vein has been partially ^{entirely} stoped, from the No. 3 level to the floor of the No. 2 tunnel. The stope shows ore at both ends, ^{top} and bottom average width 3 feet.

Twelve samples by Mr. Wyatt in the South vein in the No. 3 level over an average width of 4 feet assayed twenty-eight dollars (\$28.00).

This vein is visible at the present time in the No. 2 tunnel only at the point where the top of the stope is exposed by the tunnel. One sample on 18 inches of quartz was taken at this point which assayed \$45.50 per ton.

Four samples by Mr. Wyatt at this point assayed \$61.00 over 2.5 feet.

Samples taken by Mr. Wyatt from the face when the No. 2 tunnel was driven show possibilities of an ore chute of mineable width East of the main Exchequer chute previously described. Samples and widths are shown on the accompanying map.

It is not possible at this time to sample the No. 3 level as the mine has been shut down for two months and is flooded to the tunnel level.

Samples taken in the accessible part of the mine checked very closely with samples taken over similar widths by Mr. Wyatt. X

Tonnage estimates will be made using Mr. Wyatts' samples and measurements on the No. 3 level. X

Development Program

Information available indicates that there is a chute of sulphide ore below the No. 1 shaft. Stopping operations were stopped when the oxidized ore was bottomed. One hundred feet of drift from the No. 2 tunnel would prospect this area. ✓

The chutes below the No. 3 level should be developed by sinking the shaft, or by a winze on the ore. ?

A vein outcropping on the hill North of the Exchequer vein can be crosscut from the No. 3 tunnel. ✓

Mining and Milling

Mining costs are estimated at \$3.00 per ton. Vein walls are hard and ore breaks clean. Little timbering will be necessary. Timber can be purchased from local mill at \$16.00 per thousand feet. Water for mining purposes is available on the property. *Not for 24" width*

Hauling ore to the mill at Jacksonville can be contracted at \$1.00 per ton or less. ~~2.00~~

Milling cost will be \$5.00 per ton.

Equipment

Necessary equipment for mining operations is on the ground.

It is estimated that ~~\$2000.00~~ ^{\$1000.00} will be necessary to purchase and install additional necessary equipment in the mill at Jacksonville.

Exchange?

SAMPLING AND ASSAYS OF MINE WORKINGS MAY 28th. 1937

H.F. Byram

- Sample 1. Fifteen feet East of shaft, twenty feet above track, face of stope, east end 36" on F.W. side of vein. \$5.25
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- Sample 3. Same stope as samples 1 and 2 seven feet east of shaft. Across width of vein six feet \$5.60
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- Sample 6. Upper Level, fifteen feet east of air raise in back 4' 6" partly oxidised. \$3.15
- Sample 7 Upper Level, eight feet west of sample 6; across width of six feet. Mostly vein material and a little quartz \$1.75

These samples taken about width ore was removed and sent to mill. The proportion of quartz would be about 25% of the whole. If this quartz was mined clean it would not average more than 12" in width. The remainder of vein filling is so broken that it would be nearly impossible to keep separate from clean ore. The cost of mining would be greatly increased and available tonnage decreased far below estimated tonnages. As previous samples taken by others were channels taken from wall to wall and gave values perhaps even higher than the quartz alone as shown by above sampling, it is evident a serious discrepancy exists both in value and tonnage. Also the need of selective mining necessarily increases the mining cost above estimates made by others, which were based on the known expense of wall to wall mining or at least over an average of four feet width.

In my opinion, values and width of selected spots were too readily applied to the whole vein on three levels. There was also too generous interpretation of ore shoot continuity and value persistency both horizontally and vertically.

The lower level when opened may perhaps change this picture for the better but from evidence now at hand the unstoped ore ~~was~~ below the adit level will need close sorting to hold up grade to \$20. per ton and it is probable that those who worked the property in the past took all that they thought would pay. In regard to the alleged second vein, the sampling was for a length of only ten feet and therefore cannot be counted on to show continuity without further development.

Conclusion must be reached that future of mine depends on drifting west to explore a possible ore shoot previously mined above. If reached, considerable tonnages would be available above the adit level and downward to bottom level and hearsay evidence indicates the presence of this ore shoot and also very good values. If this work could be done, it would than pay to extract all possible paying ore from present exposures in conjunction with the mining of the newly uncovered ore.

STATE DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES

190
191
193
194

ASSAY REPORT

Office Number

Grants Pass, Oregon
~~Baker, Oregon~~

March 6

193 9

Sample submitted by J. E. Morrison

Grants Pass, Oregon

Sample description Following are the results of assays made on samples from the Exchequer Mine:

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					
1	Trace		Blank						
2	Trace		Blank						
3	Trace		Blank						
4	0.28	9.80	Trace						99.80

Market Quotations:

STATE ASSAY LABORATORY

Gold \$ 35.00 per oz.
Silver \$ per oz.
per oz.
per oz.

Assayer

STATE DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
ASSAY LABORATORIES

Baker, Oregon
Grants Pass, Oregon

SAMPLE INFORMATION REQUESTED

The law passed by the Legislature, governing the free assaying and analyzing of samples sent to a State Assay Laboratory, provides that certain information be furnished to the Laboratory regarding samples sent for assays, etc. A copy of the law will be found on the back of this blank. Please read the law carefully. Will you please fill in the information called for in the following blank, as far as possible, and return the same to the nearest State Assay Laboratory, along with your sample. If you have made out a blank, this copy is for your future use. Keep a copy of the information on each sample for your own reference.

Your name in full . . . *J. E. Morrison* . . .

Postoffice address . . .

Are you a citizen of Oregon? *yes* . . . Date on which sample is sent. *3/1/39* . . .

Name (or names) of owners of the property . . . *Byram* . . .

Name of particular claim and date of location . . . *Eschiquier* . . .

Location of property or source of sample:

(1) County. *Josephine* . . . (2) Mining District . . . *L. Applegate* . . .

(3) Township. *3.7* . . . (4) Range . . . *5* . . . (5) Section *35* . . .

(6) Quarter Section . . .

How far from passable road? *on road* . . .

For what do you wish sample tested? *gold* . . .

Does your sample represent a new discovery? *no* . . .

On a newly located claim? *no* . . . Old? *yes* . . .

Has any ore from this claim been milled or shipped? *yes* . . .

Width of ore where sample was taken (length of channel cut) . . . *4 samples* . . .

Remarks: The Department would be pleased to have you add to the above, such information as you think would be of interest and value. Use the reverse side of this sheet or a separate sheet. This could best be shown by a pencil sketch, indicating the development on the claim with the widths of vein, especially the width of ore at the place where this sample was taken.

A sample, to be of value, should be taken in an even channel across the vein from wall to wall. Its position in the workings should be marked and the width measured. Assays of unlocated samples, without widths, are of little value. They create but little interest in the minds of experienced investors and engineers.

(signed) *J. E. Morrison* . . .

STATE DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
 2033 First Street Baker, Oregon
 1069 State Office Building Portland 1, Oregon
 239 S.E. "H" Street Grants Pass, Oregon

REQUEST FOR SAMPLE INFORMATION

The State law governing analysis of samples by the State assay laboratory is given on the back of this blank. Please supply the information requested herein fully and submit this blank filled out along with the sample.

Your name in full Len Ramp (DOGAMI)

Street or P.O. Box P.O. Box 417 City & State Grants Pass, Oregon

Are you a citizen of Oregon? Yes Date on which sample is sent Oct. 14, 1959

Name (or names) of owners of the property Mr. & Mrs. Joe Woodcock

Are you hiring labor? _____ Are you milling or shipping ore? _____

Name of claim sample obtained from Exchequer Mine

Location of property or source of sample (If legal description is not known, give location with reference to known geographical point.)

County Josephine Mining District Lower Applegate

Township 37 S Range 5 W Section 35 Quarter section SW

How far from passable road? 800 Ft. Name of road private drive

Channel (length) Grab Assay for Description

Sample no. 1 12" Au, Ag Upper tunnel righthand drift near glory hole stope

Sample no. 2 _____
 (Samples for assay should be at least 1 pound in weight)

(Signed) Len Ramp

DO NOT WRITE BELOW THIS LINE - FOR OFFICE USE ONLY - USE OTHER SIDE IF DESIRED

Sample Description Fractured fine-grained, green metavolcanic rock and mixed limey with fractured quartz both disseminated, pyrite.

Sample number	GOLD		SILVER					
	oz./T.	Value	oz./T.	Value				
P-24651 TG-257	0.08	\$2.80	Trace	--	---	---	---	---

Report issued _____ Card filed _____ Report mailed 10-22-59 Called for _____

copy sent to Mrs. Woodcock 10/26/59

BONE OF CONTENTION MINE (gold)

Lower Applegate area

"The Bone of Contention mine, 15 miles southeast of Grants Pass, is on the line between secs. 24 and 25, T. 38 S., R. 5 W., on the east side of Williams creek, at an elevation of about 1700 feet, as measured by barometer. It is near the border of an area of tonalite, which extends northward about 2 miles. The tonalite is here in contact with argillite; it is also cut by dikes of aplite. The mine is equipped with two ore bins, water power obtained from a ditch, and Pelton wheel, a 15-stamp mill with 2 amalgamating plates each 42 by 120 inches, and a concentrating table. The main adit enters S. 77° E., but contains too much water to permit inspection. It is evident from the dump that it leads to several thousand feet of workings. The mine has been idle for several years."

Since 1916 it has been worked in a very small way.

Reference: Parks & Swartley, 16:39 (quoted)

CALCIUM PRODUCTS COMPANY (limestone)
see Turvey Limestone

Lower Applegate area

ELDER MANGANESE

Lower Applegate area

Owner: J. R. Elder

Location: Sec. 6, T. 39 S., R. 5 W., south of Mungers Creek

Geology: The rocks of the locality are old, highly metamorphosed sediments.

The only opening in the deposit is an opening about 10 ft. long with a face about 8 ft. high, all in a black, siliceous, metamorphosed sediment, into which hydrothermal solutions have penetrated, depositing quartz, rhodonite, and a small amount of rhodochrosite in irregular small seams and lenses. A thin coating of hard manganese oxides covers some fracture planes, and a little soft black oxide occurs in joint cracks near the surface.

The rock may be cobbled to show fairly large pieces of deep ^{pink} rhodonite, and several hundred pounds has been sold to collectors and lapidaries. The work on the deposit has been done to obtain rhodonite for this purpose.

The surface indicates a considerable area of similar country rock, and probably trenching would show a greater extent of the rhodonite occurrences. From the standpoint of producing a metallurgical manganese ore, however, the prospect shows little promise.

Informant: Libbey, 37

Reference: Libbey & Others, 42:27 (quoted)

EXCHEQUER MINE (gold)

Lower Applegate area

Owner: Exchequer Mines, Inc.

Oregon corporation, George Lowd, Pres., 720 Meed St., Grants Pass, Oregon; H. F. Byram, Sec.-Treas., Redwood Hotel, Grants Pass, Oregon. Capitalization, \$15,000. 1937 report.

Area: Holdings consist of 1 patented claim 600 feet long, 11.7 acres, in the SW $\frac{1}{4}$ of sec. 35; also one unpatented mining claim held by location in SE $\frac{1}{4}$ of sec. 34, T. 37 S., R. 5 W. Elevation 1400 to 1800 feet.

over 27

History: Parks & Swartley reported as follows:

"The Exchequer mine, 11 miles southeast of Grants Pass and 2 miles north of Provolt, is in Sec. 35, T. 37 S., R. 5 W., on a hill near the Applegate river. The lower adit is about 150 feet long in argillite; the drift is on a small vein which strikes N. 60° W. and dips about 70° N. E. Nearby a vertical shaft said to be 200 feet deep is now caved and full of water. The dump shows pyritized quartz and a vein at least a foot wide. The country rock here is greenstone. The Exchequer Mine is owned by W. H. Flanagan, of Grants Pass. It was formerly equipped with a Huntington mill and a concentrator."

The upper workings (above No. 2 level) are inaccessible due to cave-ins, and the lower workings are full of water. No. 2 tunnel, runs in a general N. 66° W. direction, and was, in 1937, extended along the vein until it is now approximately 50 feet beyond No. 2 shaft. Proportion of quartz in the vein would be about 25% of the whole. If this quartz was mined clean, it would not average more than 12" in width. The remainder of vein filling is so broken that it would be nearly impossible to keep separate from clean ore. The cost of mining would be greatly increased and available tonnage decreased far below estimated tonnages. Previous samples taken by others were channels taken from wall to wall and gave values perhaps even higher than the quartz alone. The need of selective mining necessarily increases the mining cost above estimates which were based on the known expense of wall to wall mining or at least over an average of four feet width.

The unstoped ore below the adit level will need close sorting to hold up grade to \$20.00 per ton, and it is probable that those who worked the property in the past took all that they thought would pay. On the second vein, the sampling was for a length of only ten feet and therefore cannot be counted on to show continuity without further development.

The future of the mine depends on drifting west to explore a possible ore shoot previously mined above. If reached, considerable tonnages would be available above the adit level and downward to bottom level; hearsay evidence indicates the presence of this ore shoot and also very good values. If this work could be done, it would then pay to extract all possible paying ore from present exposures in conjunction with the mining of the newly uncovered ore.

Informants: J. E. Morrison, 1939
H. F. Byram, 1937

Reference: Parks & Swartley 16:92 (quoted)

GLENDALOU PROSPECT (gold)

Lower Applegate area

Owners: Dudley Curl (deceased); Walter Curl; George F. Greene; L. E. Greene

Location: NE $\frac{1}{4}$ sec 11, T. 37 S., R. 5 W., just south of Grants Pass peak.

Area: One claim, held by location, dated 1933.

Development: 35 feet of adit, caved, with several small cuts.

Geology: Narrow, high-grade stringers in "porphyry rock". No production. Property has been inactive since 1933.

Informant: G. F. Greene, 3/25/40

Report by: Ray C. Treasher

with the mining of the newly discovered ore

SAMPLING AND ASSAYS OF MINE WORKINGS MAY 28th, 1937

H.F. Byram

Sample 1.	Fifteen feet East of shaft, twenty feet above track, face of stope, east end 36" on F.W. side of vein	\$5.25
Sample 2.	Same stope as sample 1. 24" on H.W. side of vein	3.50
Sample 3.	Same stope as samples 1 and 2 seven feet east of shaft. Across width of vein six feet	5.60
Sample 4.	West face of stope about 55 feet east of shaft; 18 feet above track, across width of vein 48" Stope 20 feet long toward west	10.50
Sample 5.	East end of above stope 20 feet east of sample 4 across width of 48"	3.50
Sample 6.	Upper level, fifteen feet east of air raise in back 4' 6" party oxidized.	3.15
Sample 7.	Upper level, eight feet west of sample 6; across width of six feet. Mostly vein material and a little quartz	1.75

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CRIB MINERAL RESOURCES FILE 12

RECORD IDENTIFICATION

RECORD NO..... M061073
RECORD TYPE..... X1M
COUNTRY/ORGANIZATION. USGS
DEPOSIT NO..... DDGMI 100-301
MAP CODE NO. OF REC..

REPORTER

NAME..... JOHNSON, MAUREEN G.
UPDATED..... B1 02
BY..... SMITH, ROSCOE M.
FERNs, MARK L. (BROOKS, HOWARD C.)
FERNs, MARK L. (BROOKS, HOWARD C.)

NAME AND LOCATION

DEPOSIT NAME..... EXCHEQUER MINE

MINING DISTRICT/AREA/SUBDIST. LOWER APPELEGATE

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

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

COUNTY..... JOSEPHINE
DRAINAGE AREA..... 17100309 PACIFIC NORTHWEST
PHYSIOGRAPHIC PROV..... 13 KLAMATH MOUNTAINS
LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME
1: 62500 GRANTS PASS

LATITUDE LONGITUDE
42-18-34N 123-15-54W

UTM NORTHING UTM EASTING UTM ZONE NO
4683967.0 478151.7 +10

TWP..... 37S
RANGE..... 05W
SECTION.. 34 35
MERIDIAN. W.M.

COMMODITY INFORMATION

GEOLOGY AND MINERALOGY

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

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES

- 1) NAME: APPLGATE GROUP
- AGE: PERM-TRI

GENERAL COMMENTS

RECORD NUMBER (M013410) 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) BROOKS, H.C. AND RAMP, L., 1968, GOLD AND SILVER IN OREGON; ODGMI BULL. 61, P. 251
- 3) OREGON METAL MINES HANDBOOK, 1942, ODGMI BULL. 14-C, VOL. 2, SEC. 1, P. 155

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

COMMODITY SUBTYPES OR USE CATEGORIES:
3.19 AU:AG

COMMODITY COMMENTS:
QUARTZ WOULD BE ONLY ABOUT 25% OF WHOLE

EXPLORATION AND DEVELOPMENT
STATUS OF EXPLOR. OR DEV. 8

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:
VEIN

FORM/SHAPE OF DEPOSIT: FISSURE FILLING WITH BROKEN COUNTRY ROCK

SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL
MAX LENGTH..... 50 FT
MAX WIDTH..... 4 FT
STRIKE OF DREBODY..... N60-W
DIP OF DREBODY..... 70-80E

DESCRIPTION OF WORKINGS

COMMENTS (DESCRIP. OF WORKINGS):
1200 FEET OF WORKINGS ON FOUR LEVELS.

PRODUCTION
YES
SMALL PRODUCTION

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

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE, REMARKS
1 ORE SML		.135	TONS		
2 AU SML		.025	OZ	.188	OZ/T
3 AG SML		.008	OZ	.059	OZ/T

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

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE, REMARKS
15 AU	EST	0002.500	OZ		PRE-1942