

APR 7 1939

Galice District  
Josephine County, Ore.

Name: Gold Plate Mine (gold lode)

Owner: Mrs. Emma Wellmarth, Grants Pass, Oregon.

Location: On Galice Creek five miles west of Galice, and located in Sec. 4, T. 35 S., R. 8 W. Two full size unpatented lode mining claims. Known as the Gold Plate and the Gold Dollar.

Equipment: The buildings at the mine consist of a small mess hall, a large bunkhouse, mill building, blacksmith shop and toolhouse. The equipment at the mine consists of mine cars, trackage, air-hammers, drill steel, picks, shovels and blacksmith equipment. The mill is equipped with a Straub Stamp Mill consisting of eight stamps arranged in a circle, all operated by a single cam. Ore is fed at the center of the mill with a full circular screen discharge; inside amalgamation is used. The capacity is five tons daily - 24 hours (the mill is rated by builders at 10-ton daily capacity; 7 h.p. is the power requirement. The mill was shipped sectionalized and is well adapted in this case for the reason that same was "packed" in to the mine, the heaviest piece being 260 pounds. The mill pulp is discharged upon an apron amalgamation plate to a concentrating table, which constitutes the present flow sheet. This item will be referred to later in this report under "Treatment". We would estimate the present installation and development cost credited to this mine as:

Mill equipment.....	\$3,000.00
3,000 ft. flume, installed.....	800.00
Mining and Air Com- pressor.....	1,000.00
Buildings replace- ment cost.....	650.00
Development cost (es- timated).....	5,000.00
Miscellaneous.....	<u>1,000.00</u>
Total.....	\$11,450.00

Water: The question of a water supply is always a paramount question in connection with the operation of a mine and may be the deciding factor between a profitable and non-profitable operation. The Gold Plate Mine is supplied with water taken from the North Fork of Galice Creek about 3,000 feet westerly from the mine in sufficient quantities to operate the present mill equipment with water power (25 h.p.) to operate the mill, compressors, etc. This supply, however, is affected by prior water rights for two or three months in the year, but there is a possibility, we understand, of

this situation being eliminated by a mutual arrangement with other operating mines in the district. There is at all times a sufficient amount of water to operate a large mill, supply the camp, etc., but the question of water for power, as above stated, would be affected under the present arrangements for a short period each year.

**Topography:** The topography of the areas under consideration in this report would be considered as rugged. The elevation at the mine workings is approximately 1500 feet above sea level (Aneroid reading). It is plainly evident that the contours of this property provide exceptionally economic surface locations for (adit tunnel) development of the ore deposits of this mine. The mountain slopes of this property face to the south. Each section of the developed areas of this property is reached without difficulty by improvised roads or trails.

**Development:** The development of the Gold Plate Mine consists of the No. 2 main tunnel, the No. 1 tunnel and many surface open cuts and short tunnels which expose the vein at several different and widely removed locations over a distance of probably 1,000 feet in an easterly and westerly direction. The vein, as indicated geologically, strikes north and slightly east over what we would term a considerable distance - probably in excess of one or two claims.

No. 2 Tunnel: No. 2 tunnel at the present time is the main development of the mine and is driven upon a north 20 deg. west course for a distance of fifty-two feet, thence sixty-nine feet, bearing to a slightly easterly course, making a total distance of 121 feet upon this course to where the tunnel is partly caved, making examination beyond this point unsafe though ore in the face of the tunnel a short distance from this point was plainly observed in commercial widths and which is reported to carry high values in the minerals above named, a very noteworthy development. Returning to a point 52 feet from the portal of the tunnel, a drift has been extended upon a southwest course for a distance of 159 feet, and at the 109 foot point the tunnel bears northwesterly a distance of 50 feet. Coming back twenty-five feet from the face of this tunnel a drift has been extended to the south a distance of twenty-five feet. The ore as exposed here appears to extend entirely through the deposits as exposed by this development, indicating a similar or like continuance of the vein structure over the mineralized areas of this mine. The ore deposits, like most mines of this character, were evidently formed by the upflow of hot water or mineralized solutions (hydrothermic action) through the fissurings and fractures of the structures that are now filled with igneous vein materials, mainly quartz. Considerable

evidence of metasomatic action is present, as shown in the formation and deposition of the ore deposits. Ore in more or less commercial quantities, and certainly of a very high grade, is exposed over practically every foot of the southwest workings, No. 2 tunnel. The writer saw ore taken from these workings and also was shown ore that had been previously mined that carried values in gold in excess of any ore deposits it has been his privilege to examine. The fact that ore is exposed over the entire length of this tunnel from which the mill feed is now being produced indicated the type of development that will be included in our recommendations in this report. The total distance of the No. 2 tunnel underground development is 280 feet.

No. 1 Tunnel: The next development of any consequence is what is termed the No. 1 tunnel located approximately 500 feet in a westerly direction from the No. 2 tunnel. The course of this tunnel is north 17 deg. east. The total length of this development is 178 ft. Ore, not commercial, was encountered at a point thirty feet from the portal of the tunnel, which has a dip at this point of approximately twelve degrees to the south and west. The tunnel being an exploratory one was continued upon its course for a distance of 160 feet. At this point a raise approximating thirty feet was made to the ore measures, which contained but little evidence of values, the contributing cause being that the tunnel at this point, in our opinion, is located too far westerly to encounter the values such as are found in the No. 2 development. Therefore, our recommendations will include that this tunnel be extended upon a north 25 degree east course for an additional 100 feet where it is believed that the ore measures such as are exposed in the No. 2 development will be encountered. ~~This is a~~  
~~great deal of ore is exposed in the No. 2 development.~~  
The only other development that we would consider of major importance would be approximately 300 feet easterly from the No. 2 development where a small tunnel was driven into the mountain mass, encountering presumably the same vein as is exposed in the No. 2 development. Considerable shattering was encountered at this point and where faulting has interfered with the regularity of the deposits, but the ore measures are evidenced, inviting development, which is gratifying to the examining Engineer. The development of the No. 2 tunnel is approximately 250 feet from the side-line of the Gold Plate Claim at an estimated elevation of 150 feet above the floor of Galice Creek and about 400 feet from the south end-line of the claim. The No. 1 tunnel occupies approximately the same position in the Gold Dollar Claim.

The above are extracts from a report by William F. Hayden.  
February, 1936.

GOLD PLATE CLAIM

GALICE

JOSEPHINE

STATE OF OREGON DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES  
ASSAY LABORATORY

REQUEST FOR SAMPLE INFORMATION

The State law governing free analysis of samples sent to State Assay Laboratories requires that certain information be furnished the Laboratory regarding samples sent for assay or identification. A copy of the law will be found on the back of this blank. Please fill in the information called for as completely as possible, and submit it along with your sample. Keep a copy of the information on each sample for your own reference.

Your name in full Don H. F. Miller

Post office address 542 N. Bartlett

Are you a citizen of Oregon yes Date on which sample is sent June 28, 1949

Name (or names) of owners of the property Skeeter & Phillips

Name of claim sample obtained from Gold Plate

Location of property or source of sample (describe as accurately as possible below):  
(If legal description is not known, give location with reference to known geographical point)

County Josephine Mining district Galice

Township 35 S Range 8 W Section 5 Quarter section \_\_\_\_\_

How far from passable road On road to mine.

For what minerals or elements do you wish the sample(s) analyzed Au

	<u>Channel (length)</u>	<u>Grab</u>	<u>Pipe</u>	<u>Description</u>
Sample no. 1	_____	<u>x</u>	_____	_____

Sample no. 2 \_\_\_\_\_  
(Samples for assay should be at least 1 pound in weight; clay samples for ceramic testing, at least 5 pounds.)

**IMPORTANT:** A vein sample should be taken in an even channel across the vein from wall to wall. Location of sample in the workings, together with the width measured, should be recorded.

(Signed) Donald H. F. Miller

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

Description Quartz with seared green metavolcanic rock--containing scattered pyrite.

Sample number	GOLD		SILVER				
	oz./T.	Value	oz./T	Value			
P-8757	0.34	\$11.90					

Report issued \_\_\_\_\_ Card filed \_\_\_\_\_ Report mailed \_\_\_\_\_ Called for \_\_\_\_\_  
SIR-5

Gold Plate Mines.

Salice Dis.  
Josephine Co.  
2/13/39.

Sec 4 T35SR8W.

Gold Plate & Dollar Claims.

Owned by Messrs John Hampshire, Du  
Bais and Robinson.

Mr Hayden made a report on this  
property.

Please return Customer Copy to Grants Pass office with our Copy sent to  
STATE OF OREGON - DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES  
1069 State Office Building - Portland, Oregon 97201

AKG-4

Spec 16.00  
6 Elements

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Please print your name and address in space above

Date sample is sent:

3-11-76

Name of claim sampled:

Gold plate

Name of property owners \_\_\_\_\_

Are you hiring labor? \_\_\_\_\_ Are you milling or shipping ore? \_\_\_\_\_

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

County \_\_\_\_\_ Mining district \_\_\_\_\_

Township \_\_\_\_\_ Range \_\_\_\_\_ Section \_\_\_\_\_ Quarter section \_\_\_\_\_

How far from passable road and name of road \_\_\_\_\_

Channel (length) Grab Assay for Description

Sample No. 1 \_\_\_\_\_

Sample No. 2 \_\_\_\_\_

(Samples for assay should be at least 1 lb. in weight; clay samples for ceramic testing at least 5 lbs.) IMPORTANT: A vein sample should be taken in an even channel across the vein from wall to wall. Location of sample in the workings, together with the width measured, should be recorded.

(Signed) \_\_\_\_\_

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

Description Fine grained melavolcanic (greenstone) with small quartz veinlets and epidote.

Sample Number	GOLD		SILVER				
	oz./T.	Value	oz./T.	Value			

Report mailed \_\_\_\_\_

State of Oregon Department of Geology and Mineral Industries  
1069 State Office Building, Portland, Oregon 97201

Check att'd

REQUEST FOR SAMPLE INFORMATION

Date: March 11, 1976 Sec. 4 Twp. 35S R. 3W County: Josephine County  
(For your records)

Please print name and address in space below

KKG Mines, Inc. (John Garrity ✓)  
P. O. Box 671  
Caldwell, Idaho 83605

A copy of the law governing this service is printed on the back of this sheet. Please fill out this form in triplicate and submit with your sample and analysis fee. One copy will be returned with the results entered in the space below.

Customer's Sample No.	Assay for	(for your records, if desired)		Source of Sample
		Grab	Channel (length)	
AKG-4	Spec. for 16 elements			Gold Plate Mine
Description: Fine grained metavolcanic (greenstone) with small quartz veinlets and epidote.				

Samples should weigh at least one pound and be dry. Fee for analysis must accompany sample.  
Date Rec'd: 3/15 Amount Rec'd: \$16.00 Analysis Mailed: 3/31/76  
check attached.

Lab. No.	Cust. No.	Gold oz/ton	Silver oz/ton			
39603	AKB-4	0.015	nil			

spectrographic results attached

**NOTE:** The Department assumes responsibility only for the analytical results and not for the validity of any samples submitted.

Analyzed by Baxter

PRELIMINARY REPORT  
GOLD PLATE MINE  
NORTH FORK GALICE CREEK  
JOSEPHINE COUNTY, OREGON

ACKNOWLEDGMENTS:

We are very much indebted to Mr. John Hampshire of Grants Pass for much general information concerning the mine, to Mr. William Robinson for many courtesies extended to the writer during the several days of his examination of the Gold Plate Mine.

The information obtained on mines of like formation to the Gold Plate deposits which are reported to be successfully operated was furnished to me by W. A. Preston, Assayer and Chemist, Grants Pass, Oregon.

It is specifically requested that no page of this report may be defaced by marginal notations and further that the writer is not responsible for the correctness of any copies or excerpts of this report unless written and checked in his office.

He further certified that he has no financial connections of any kind nor does he own an interest in the Gold Plate Mining property.

PROPERTY:

The property which is the subject of this report embraces two unpatented mining claims:     Gold Plate  
   Gold Dollar

LOCATION:

The property is located in Section 4, Twp. 35, R. 8, West W.M. in the Galice Unorganized Mining District and in the drainage areas of the North Fork of Galice Creek and Birch Creek, the confluence of these streams being at a point about 100 feet easterly from the east side-line of the Gold Plate Claim.

The distance from Galice, a village on the Rogue River, to the mine would be approximately five miles over the present road and trails. The distance air-line would probably not exceed three and one-half miles.

Merlin, a station on the Southern Pacific Railroad about twenty miles distant northeasterly, would be the shipping point from the mine.

The distance from Grants Pass to the mine would be approximately 28 miles. Grants Pass is the County Seat of Josephine County.

TITLES:

The titles to the property was not examined by the writer.



The claims are unpatented and are held under the provisions of the mining laws of the United States and the State of Oregon governing the location of mining claims.

CLIMATE:

The climatic conditions are favorable for all year operations. Snows to a depth of fifteen to twenty inches may occur during some winter months, but this is exceptional. Usually the rainy season extends over the winter period.

TIMBER:

Sufficient timber is found upon the hillsides of the mining claims for all necessary mining purposes.

TELEPHONE:

Telephone connections may be had by building a short line from a local telephone line to the mine. The present telephone connections are at Galice, five miles northeasterly from the mine.

MAIL:

The Post Office for the mine where mail is delivered daily is Galice, Oregon.

BUILDINGS AND EQUIPMENT:

The buildings at the mine consist of a small mess hall, a large bunkhouse, mill building, blacksmith shop and toolhouse.

The equipment at the mine consists of mine cars, trackage, air-hammers, drill steel, picks, shovels and blacksmith equipment.

The mill is equipped with a Straub Stamp Mill consisting of eight stamps arranged in a circle, all operated by a single cam. Ore is fed at the center of the mill with a full circular screen discharge; inside amalgamation is used. The capacity is five tons daily 24 hours (the mill is rated by builders at 10-ton daily capacity; 7 h.p. is the power requirement. The mill was shipped sectionalized and is well adapted in this case for the reason that same was "packed" in to the mine, the heaviest piece being 260 pounds. The mill pulp is discharged upon an apron amalgamation plate to a concentrating table, which constitutes the present fow sheet. This item will be referred to later in this report under "Treatment".

We would estimate the present installation and development cost credited to this mine as:

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3,000 ft. flume, installed.....	800.00
Mining and Air Compressor.....	1,000.00
Buildings replacement cost.....	650.00
Development cost (estimated)....	5,000.00
Miscellaneous.....	1,000.00
Total.....	\$11,450.00

### ROADS AND TRANSPORTATION:

The question of transportation in the case of the Gold Plate Mine is not a serious one.

There are two roads approaching the Galice Creek, North Fork region. The west road from Galice is extended to within one and one-half miles of the mine and could be extended to the mine at a very reasonable cost. The CCC road, which would be called the East road and which is extended two miles up the North Fork, would be about three miles from the property and it could also be extended to the mine by building a short switch-back at a very reasonable cost. It is understood that this road may be continued up the North Fork of Galice Creek by the CCC's within a reasonably early date.

The roads already constructed are dirt roads but the areas through which the roads pass are mostly over sections that carry shale or a material which soon becomes very solid, although during the winter time considerable trouble would be experienced on account of several steep pitches that would necessitate the use of chains and a possibility of trucks or cars not being able to negotiate this road during the entire year without gravelling the road bed.

The shipping point for the mine would be Merlin, a station on the Southern Pacific Railroad, about twenty miles northeasterly from the mine.

### ECONOMIC NATURAL RESOURCES:

The economic natural resources include a favorable climate, timber, water, topography and geology.

#### WATER:

The question of a water supply is always a paramount question in connection with the operation of a mine and may be the deciding factor between a profitable and non-profitable operation.

The Gold Plate Mine is supplied with water taken from the North Fork of Galice Creek about 3,000 feet westerly from the mine in sufficient quantities to operate the present mill equipment with water power (25 h.p.) to operate the mill, compressors, etc. This supply, however, is affected by prior water rights for two or three months in the year, but there is a possibility, we understand, of this situation being eliminated by a mutual arrangement with other operating mines in the district. There is at all times a sufficient amount of water to operate a large mill, supply the camp, etc., but the question of water for power, as above stated, would be affected under the present arrangements for a short period each year.

#### POWER:

The question of power where mines are located off of road transportation is usually one of considerable moment.

In the case of the Gold Plate Mine electric power could be installed by building a power line a distance of approximately twelve miles.

RECORD IDENTIFICATION  
 RECORD NO..... NO13303  
 RECORD TYPE..... XIM  
 COUNTRY/ORGANIZATION. USGS  
 FILE LINK ID..... CONSV  
 DEPOSIT NO..... DDGMI 100-137  
 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..... GOLD PLATE MINE

MINING DISTRICT/AREA/SUBDIST. GALICE

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

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

COUNTY..... JOSEPHINE  
DRAINAGE AREA..... 17100010 PACIFIC NORTHWEST  
PHYSIOGRAPHIC PRDV..... 13 KLAMATH MOUNTAINS  
LAND CLASSIFICATION..... 41

QUAD SCALE QUAD NO OR NAME  
1: GALICE

LATITUDE LONGITUDE  
42-33-30N 123-39-26W

UTM NORTHING UTM EASTING UTM ZONE NO  
4711750. 446050. +10

TWP..... 35S  
RANGE..... 08W  
SECTION.. 04  
MERIDIAN. W.M.

POSITION FROM NEAREST PROMINENT LOCALITY: NW1/4

COMMODITY INFORMATION

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

EXPLORATION AND DEVELOPMENT  
STATUS OF EXPLOR. OR DEV. 8

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:

SHEAR ZONE

FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL

DESCRIPTION OF WORKINGS

COMMENTS (DESCRIP. OF WORKINGS):

DEVELOPED BY NEARLY 500 FEET IN TWO TUNNELS.

PRODUCTION

YES

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

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

ITEM	ACC AMOUNT	THOUS. UNITS	YEAR	GRADE, REMARKS
15 AU	SMALL		PRE-1936	

PRODUCTION COMMENTS..... SMALL PRODUCTION.

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... PRE-JUR

HOST ROCK TYPES..... ALTERED BASIC VOLCANICS TO AMPHIBOLE GNEISS OF ROGUE FM

PERTINENT MINERALOGY..... QUARTZ, CHLORITE

IMPORTANT ORE CONTROL/LOCUS.. WORKINGS CUT A FLAT LYING PORTION OF QUARTZ FISSURE VEIN ABOUT 2 FEET THICK INCLUDING CHLORITIC GOUGE.

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES

1) NAME: BRIGGS CREEK AMPHIBOLITE

AGE: PRE-JUR