

State Department of Geology and Mineral Industries

702 Woodlark Building
Portland, Oregon
May 18, 1949

GOLD HILL POCKET

Mr. F. W. Libbey
702 Woodlark Bldg.
Portland, Oregon

Dear Mr. Libbey:

Approximately a week ago Ray Bristol told me of a rumored pitchblende mining operation in the vicinity of the Gold Hill Pocket east of Gold Hill.

In checking this I found that the operation is a large scale prospecting of a gold bearing zone by Mr. Charles Stearns (Stearns & Owens Dredging Co.) and business associates.

Two bulldozers are being used to crosscut a large gold bearing zone which extends in a westerly direction for approximately one-half mile from the site of the Gold Hill Pocket. They have operated here for nearly a month and have made a few large cuts and numerous small ones. One cut immediately west of the Gold Hill Pocket is at present some 200' in length and more than 50' in depth. They expect to diamond drill this after deepening it some.

Mr. Stearns has requested that information concerning the operation be considered confidential.

Sincerely,


H. D. Wolfe

RECEIVED
MAY 19 1949

STATE DEPT OF GEOLOGY
& MINERAL INDS.

This property originally was comprized of 160 Acres, patented. It is now divided into plats of 120 Acres known as the Nelson Ranch of which the mineral rights were reserved to the mining portion; and two 20 Acre claims of 660' x 1320' laid end to end which covers the pocket area. The two mining claims were purchased for taxes in 1957 by Charles Stearn of Medford, Ralph Strickling of Jacksonville and A. Grebes of Hornbrook, Calif. (Now deceased). A son of Grebes who bears an adopted name, lives in Idaho is now the third owner. Terms of the Ray Estate which sold the 120 Acres to the Nelson Ranch was that "Surface rights only were included in the sale; that at any time owners of the Pocket Mine desired to purchase the surface for mining purposes, sale price should not be more than \$100. per acre" In 1972, Mr. Stearns and Strickling offered to sell to me the 40 Acres surrounding the pocket area plus the mineral rights to the 120 Acres for the sum of \$3,000. for their 2/3 interest.

In the early days, a shaft of 90' was sunk on the pocket by the Rhotan brothers, who supposedly, had a seam below the original pocket. An itinerant prospector by the name of "Shorty" or "Mickey" Regan supposedly had located a rich seam on the property where he was hi-grading and packing his dirt down to one of the small creeks on the East side of the hill. Guy Cameron of Gold Hill was a poacher who would pick up pieces of rich quartz ore on the East side of hill after a rain. Ernie Kell of Gold Hill had a lease on the property at one time and sank a shaft in which he had a rich seam. In early days an arrastre was located on the Nelson Ranch near the river and several caches of rich ore from the pocket of the early days were found along the trail leading to arrastre, evidently hidden in early days by poachers on property. A lawsuit was instituted in the 1930's by the then owner to recover some gold found by a party who had gotten drunk and bragged about his "find". About \$800. worth of gold was recovered.

Mr. Stearns showed the property to me in 1972. He said that at one time a preacher, with a "Vision" and his parish's money did most of the exploratory work on the North side of the hill. Many drifts and shafts of large size are evident on that side judging from the size of the dumps. Stearns showed me the site where Kell had his shaft and several other workings to the South where supposedly the old-timers had removed a \$17,000. pocket.

While Stearns and partners worked the property they employed a large bulldozer and made 3 large pits attempting to find an extension of the pocket. In the largest pit, alongside the large feldspar dike they intersected a vein of molybdenum about 2' wide which will assay about 1%. They also employed a well drill and put down a 70' vertical hole which was "in molly all the way down" according to Stearns. At the site of the original "Gold Hill Pocket" a large "blowout" of quartz appears which has been cut by the feldspar dike which is intersected by a small copper seam which runs into pocket depression. Most of the surrounding country rock is pyroxenite. To the North sediments outcrop. Across one of the large pits in the pyroxenite a dike of pure sandstone about 2' wide stands vertical. To the East basalt outcrops and beyond that granite and then more pyroxenite. Underlying the pyroxenite in the largest pit, serpentine lies on the floor of the pit. An old adit was opened up and cleaned out in 1958 by Bill Robinson^{ext} of Grants Pass and run under the original pocket. In 1950 4 doctors from California had a lease on the property and did some bulldozing under the auspices of the Government Geology Dept. To the east in one of the small gulches remains of a sluice, plus pans, buckets etc. remain. At one time a brick house was constructed on the dump of one of the adits. One adit is dammed up and was used for water. Mr. Stearns advised me that at time of the bulldozing when the molybdenum was encountered, a geologist by the name of Hunthausen was consulted, who told them that what they had found "was probably graphite." About 30 tons of the material was shoved over the dump by the bulldozer before an assay confirmed the mineral to be molybdenum.

An old prospector by the name of Firbrush ran an adit believed to be about 1200' long from the North side of the pocket intending to reach into pocket area. To the NorthEast about 1 mile are several adits on a 2' quartz seam, which pans both tungsten and gold. Remains of an old mill are on the claim and several tons of rich ore is on one of the dumps. Two of the adits are over 300' long and accessible. They are on private property which has recently been purchased by a party from San Luis Obispo, Calif. by name of Kensrue and has now been fenced off.

Gold Hill mine can be reached by a dry-weather road thru the Nelson Ranch or on foot from the East Side near the railroad tracks on a turn of road leading to Gold Ray Dan, a distance of about 1/2 mile. Several creeks run water in winter and spring not far from claims. Most of

area has been badly scarred by bulldozing so that any attempt to trace for any veins is an almost impossibility. However, the East side which will pan a small amount of gold over a large area, could be placered if water were available. A creek to the North runs a large flow of water in spring and a pump could be installed to furnish water for such an operation. Holding ponds would be necessary to catch tailings as any excess water would flood railroad tracks below. Just above the tracks in the turn of the road are several pits and adits which were dug in the pyroxenite which carried an excess of ^{magnetic} iron and were exploited for that mineral. All the surface area North of the pocket area is a red clay, possibly a laterite, altho only basalt outcrops in that area. B.L.N. lands border the property to the East and is open to exploration. A gentle grade leads from tracks to the pocket and a good road could be constructed from that direction. The roadway thru the Nelson ranch is impassable during the winter and spring months due to fact that it was constructed in a wet gulch and across a swampy meadow. One of the bulldozed roads was cut across an area to the East of the claim and ended on a ridge. A short extension of this road would have crosscut an outcropping contact of granite and diorite on which the small mine to the East is located. Molybdenum was encountered in several mines on Blackwell Hill on the same strike as the vein found on these claims. Another former roadway to property leads across private property from Blackwell Hill. It is washed out in places and not now accessible.

At present, no taxes are being paid on 1/3 share owned by Grebes heir in order to force party to assume his liability or foreclosing for back taxes on that portion. (This has been done on advice of their attorney)

Assorted Analyses from Gold Hill Pack area, provided by E. Cunningham 2/98

LABORATORY REPORT

Mariposa Spectrographic Laboratory

5029 FOURNIER ROAD, MARIPOSA, CALIFORNIA 95338

Telephone (209) 966-2591

Date 4/20/79

CHARGES: \$8.00

LAB NO. 31071

SUBMITTED BY:

Qualitative Spectrographic Analysis

Elton Cunningham
1522 N.E. "A" Street
Grants Pass, Oregon 97526

**ELEMENTS FOUND
AND ESTIMATED PERCENTAGE RANGE
OF CONCENTRATION**

SAMPLE MARK

"A"

ELEMENT	Not Less Than %	Not More Than %	ELEMENT	Not Less Than %	Not More Than %	ELEMENT	Not Less Than %	Not More Than %
Aluminum Al_2O_3	4.0	8.0	Lithium			Thallium		
Antimony			Magnesium MgO	15.0	30.0	Thorium		
Arsenic			Manganese	0.10	0.20	Tin	.002	.005
Barium	.0007	.003	Mercury			Titanium	0.03	0.10
Beryllium			Molybdenum	0.20	0.40	Tungsten		
Bismuth			Nickel	0.05	0.15	Uranium		
Boron			Osmium			Vanadium	.003	.009
Calcium CaO	3.0	6.0	Palladium			Zinc		
Cadmium			Phosphorus			Zirconium		
Cesium			Platinum	Not detected in sample		RARE EARTHS:		
Chromium	0.20	0.40	Potassium			Cerium		
Cobalt	.001	.006	Rhenium			Dysprosium		
Columbium			Rhodium			Erbium		
Copper	0.10	0.20	Rubidium			Europium		
Gallium	.005	0.01	Ruthenium			Gadolinium		
Germanium			Scandium			Holmium		
Gold	Not detected in sample		Silicon (as SiO_2)	50.0	70.0	Lanthanum		
Hafnium			Silver	.0001	.0004	Neodymium		
Indium			Sodium	1.0	2.0	Praseodymium		
Iridium			Strontium			Samarium		
Iron Fe_2O_3/FeS_2	4.0	8.0	Tantalum			Ytterbium		
Lead	.005	0.01	Tellurium			Yttrium		

Remarks: This material is principally composed of a Magnesium-meta-silicate, along with some Pyroxen- or an Amphibole. Silver does not exceed 4 parts per million, or not more than 0.12 ounce per ton.

Respectfully Submitted

E. Cunningham (Spectrographer)
MARIPOSA SPECTROGRAPHIC LABORATORY

percent to ton (2,000 lbs.)
1.0% = 20.0 Lbs. AVOIR.
0.10% = 2.0 Lbs. AVOIR.
0.01% = 3.2 oz. AVOIR.
0.001% = 0.32 oz. AVOIR.
0.0001% = 0.032 oz. AVOIR.

LABORATORY REPORT

Mariposa Spectrographic Laboratory

5029 FOURNIER ROAD, MARIPOSA, CALIFORNIA 95338

Telephone (209) 966-2591

Date 5/19/78 PM

CHARGES: \$8.00

LAB NO. 30330

SUBMITTED BY:

Qualitative Spectrographic Analysis

Elton Cunningham
1522 N.E. "A" Street
Grants Pass, Oregon 97526

ELEMENTS FOUND AND ESTIMATED PERCENTAGE RANGE OF CONCENTRATION

SAMPLE MARK

B
No mark

ELEMENT	Not Less Than %	Not More Than %	ELEMENT	Not Less Than %	Not More Than %	ELEMENT	Not Less Than %	Not More Than %
Aluminum Al ₂ O ₃	2.0	4.0	Lithium			Thallium		
Antimony			Magnesium MgO	3.0	6.0	Thorium		
Arsenic			Manganese	0.10	0.20	Tin		
Barium	0.03	0.10	Mercury			Titanium	0.10	0.20
Beryllium			Molybdenum	.0006	.002	Tungsten		
Bismuth			Nickel	0.05	0.15	Uranium		
Boron			Osmium			Vanadium	.003	.009
Calcium CaO	4.0	8.0	Palladium			Zinc	0.01	0.06
Cadmium			Phosphorus			Zirconium		
Cesium			Platinum	Not detected in sample		RARE EARTHS:		
Chromium	0.03	0.10	Potassium			Cerium		
Cobalt	0.03	0.10	Rhenium			Dysprosium		
Columbium			Rhodium			Erbium		
Copper	0.15	0.30	Rubidium			Europium		
Gallium	.002	.006	Ruthenium			Gadolinium		
Germanium			Scandium			Holmium		
Gold	Not detected in sample		Silicon (as SiO ₂)	major constituent		Lanthanum		
Hafnium			Silver	.0001	.0004	Neodymium		
Indium			Sodium			Praseodymium		
Iridium			Strontium			Samarium		
Iron FeO/FeS ₂	10.0	20.0	Tantalum			Ytterbium		
Lead	0.03	0.10	Tellurium			Yttrium		

Remarks: This material is principally composed of silicon-dioxide(Quartz), along with a form of Pyroxene, Iron in the forms of Pyrite and Hematite, Copper in the form of Chalcopyrite. Silver is present at up to 0.12 ounce per ton. Gold was not detected down to 9 parts per million.

Respectfully Submitted
W. H. C. D. ... (Spectrographer)
MARIPOSA SPECTROGRAPHIC LABORATORY

percent to ton (2,000 lbs.)
1.0% = 20.0 Lbs. AVOIR.
0.10% = 2.0 Lbs. AVOIR.
0.01% = 3.2 oz. AVOIR.
0.001% = 0.32 oz. AVOIR.
0.0001% = 0.032 oz. AVOIR.

LABORATORY REPORT

Mariposa Spectrographic Laboratory

5029 FOURNIER ROAD, MARIPOSA, CALIFORNIA 95338

Telephone (209) 966-2591

Date 4/20/79

CHARGES: \$8.00

LAB NO. 31072

SUBMITTED BY:

Qualitative Spectrographic Analysis

Elton Cunningham
1522 N.E. "A" Street
Grants Pass, Oregon 97526

ELEMENTS FOUND
AND ESTIMATED PERCENTAGE RANGE
OF CONCENTRATION

SAMPLE MARK

"C"

ELEMENT	Not Less Than %	Not More Than %	ELEMENT	Not Less Than %	Not More Than %	ELEMENT	Not Less Than %	Not More Than %
Aluminum Al_2O_3	4.0	8.0	Lithium			Thallium		
Antimony			Magnesium MgO	15.0	30.0	Thorium		
Arsenic			Manganese	0.03	0.10	Tin	.002	.005
Barium	.0007	.003	Mercury			Titanium	.007	0.03
Beryllium			Molybdenum	0.5	1.0	Tungsten		
Bismuth			Nickel	.005	0.01	Uranium		
Boron			Osmium -			Vanadium	.001	.006
Calcium CaO	2.0	4.0	Palladium	.001	.006	Zinc		
Cadmium			Phosphorus			Zirconium		
Cesium			Platinum	Not detected in sample		RARE EARTHS:		
Chromium	.005	0.01	Potassium			Cerium		
Cobalt	.001	.006	Rhenium			Dysprosium		
Columbium			Rhodium —			Erbium		
Copper	0.20	0.40	Rubidium			Europium		
Gallium	.005	0.01	Ruthenium —			Gadolinium		
Germanium			Scandium			Holmium		
Gold	Not detected in sample		Silicon (as SiO_2)	50.0	70.0	Lanthanum		
Hafnium			Silver	.0005	.001	Neodymium		
Indium			Sodium	0.10	0.20	Praseodymium		
Iridium	.001	.006	Strontium			Samarium		
Iron Fe_2O_3/FeS_2	10.0	20.0	Tantalum			Ytterbium		
Lead	0.05	0.15	Tellurium			Yttrium		

Remarks: This material is similar to the sample marked "A", but contains more Molybdenum and more Silver. Silver is present at up to 0.30 ounce per ton. Iridium and Palladium are also present.

Respectfully Submitted

Richard N. Jones (Spectrographer)
MARIPOSA SPECTROGRAPHIC LABORATORY

percent to ton (2,000 lbs.)
1.0% = 20.0 Lbs. AVOIR.
0.10% = 2.0 Lbs. AVOIR.
0.01% = 3.2 oz. AVOIR.
0.001% = 0.32 oz. AVOIR.
0.0001% = 0.032 oz. AVOIR.

LABORATORY REPORT

Mariposa Spectrographic Laboratory

5029 FOURNIER ROAD, MARIPOSA, CALIFORNIA 95338

Telephone (209) 966-2591

Date 4/20/79

CHARGES: \$8.00

LAB NO. 31073

SUBMITTED BY:

Qualitative Spectrographic Analysis

Elton Cunningham
1522 N.E. "A" Street
Grants Pass, Oregon 97526

**ELEMENTS FOUND
AND ESTIMATED PERCENTAGE RANGE
OF CONCENTRATION**

SAMPLE MARK

"D"

ELEMENT	Not Less Than %	Not More Than %	ELEMENT	Not Less Than %	Not More Than %	ELEMENT	Not Less Than %	Not More Than %
Aluminum Al_2O_3	1.0	2.0	Lithium			Thallium		
Antimony			Magnesium MgO	5.0	10.0	Thorium		
Arsenic			Manganese	0.10	0.20	Tin	.002	.005
Barium	.0007	.003	Mercury			Titanium	0.03	0.10
Beryllium			Molybdenum	0.5	1.0	Tungsten		
Bismuth			Nickel	0.03	0.10	Uranium		
Boron			Osmium			Vanadium	.003	.009
Calcium CaO	20.0	40.0	Palladium	.001	.005	Zinc		
Cadmium			Phosphorus			Zirconium		
Cesium			Platinum	Not detected in sample		RARE EARTHS:		
Chromium	0.01	0.05	Potassium			Cerium		
Cobalt	.006	0.02	Rhenium			Dysprosium		
Columbium			Rhodium			Erbium		
Copper	0.40	0.80	Rubidium			Europium		
Gallium			Ruthenium			Gadolinium		
Germanium			Scandium			Holmium		
Gold	Not detected in sample		Silicon (as SiO_2)	5.0	10.0	Lanthanum		
Hafnium			Silver	.0005	.001	Neodymium		
Indium			Sodium	0.03	0.10	Praseodymium		
Iridium	.001	.006	Strontium	.006	0.02	Samarium		
Iron Fe_2O_3/FeS_2	4.0	8.0	Tantalum			Ytterbium		
Lead	0.03	0.09	Tellurium			Yttrium		

Remarks: Percentages not shown to equal 100% are due to carbon-dioxide, since this sample is principally composed of Calcium-carbonate. Considerable Molybdenum is also present, along with up to 0.30 ounce of Silver per ton. Iridium and Palladium are also present.

Respectfully Submitted

Linette W. Stewart (Spectrographer)
MARIPOSA SPECTROGRAPHIC LABORATORY

percent to ton (2,000 lbs.)
1.0% = 20.0 Lbs. AVOIR.
0.10% = 2.0 Lbs. AVOIR.
0.01% = 3.2 oz. AVOIR.
0.001% = 0.32 oz. AVOIR.
0.0001% = 0.032 oz. AVOIR.

LABORATORY REPORT

Mariposa Spectrographic Laboratory

5029 FOURNIER ROAD, MARIPOSA, CALIFORNIA 95338

Telephone (209) 966-2591

Date 4/20/79

CHARGES: \$8.00

LAB NO. 31074

SUBMITTED BY:

Qualitative Spectrographic Analysis

Elton Cunningham
1522 N.E. "A" Street
Grants Pass, Oregon 97526

**ELEMENTS FOUND
AND ESTIMATED PERCENTAGE RANGE
OF CONCENTRATION**

SAMPLE MARK

"E"

ELEMENT	Not Less Than %	Not More Than %	ELEMENT	Not Less Than %	Not More Than %	ELEMENT	Not Less Than %	Not More Than %
Aluminum Al_2O_3	3.0	6.0	Lithium			Thallium		
Antimony			Magnesium MgO	10.0	20.0	Thorium		
Arsenic			Manganese	0.10	0.20	Tin	.002	.007
Barium	.0007	.003	Mercury			Titanium	0.03	0.10
Beryllium			Molybdenum	1.0	3.0	Tungsten		
Bismuth			Nickel	0.03	0.10	Uranium		
Boron			Osmium			Vanadium	.005	0.01
Calcium CaO	4.0	8.0	Palladium	.001	.006	Zinc		
Cadmium			Phosphorus			Zirconium		
Cesium			Platinum	Not detected in sample		RARE EARTHS:		
Chromium	0.03	0.10	Potassium	0.10	0.20	Cerium		
Cobalt	.006	0.02	Rhenium			Dysprosium		
Columbium			Rhodium			Erbium		
Copper	0.5	1.0	Rubidium			Europium		
Gallium			Ruthenium			Gadolinium		
Germanium			Scandium			Holmium		
Gold	Not detected in sample		Silicon (as SiO_2)	50.0	70.0	Lanthanum		
Hafnium			Silver	.0005	.001	Neodymium		
Indium			Sodium	0.03	0.10	Praseodymium		
Iridium	.001	.006	Strontium			Samarium		
Iron Fe_2O_3/FeS_2	8.0	15.0	Tantalum			Ytterbium		
Lead	0.01	0.06	Tellurium			Yttrium		

Remarks: This sample is principally composed of silicon-dioxide, along with Magnesium-meta-silicate, Molybdenum, Iron in the mineral forms of Hematite and Pyrite. Silver is present at up to 0.30 ounce per ton. Iridium and Palladium are also present.

Respectfully Submitted

[Signature]

(Spectrographer)

MARIPOSA SPECTROGRAPHIC LABORATORY

percent to ton (2,000 lbs.)
1.0% = 20.0 Lbs. AVOIR.
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0.01% = 3.2 oz. AVOIR.
0.001% = 0.32 oz. AVOIR.
0.0001% = 0.032 oz. AVOIR.

LABORATORY REPORT

Mariposa Spectrographic Laboratory

5029 FOURNIER ROAD, MARIPOSA, CALIFORNIA 95338

Telephone (209) 966-2591

Date 4/20/79

CHARGES: \$8.00

LAB NO. 31075

SUBMITTED BY:

Qualitative Spectrographic Analysis

Elton Cunningham
1522 N.E. "A" Street
Grants Pass, Oregon 97526

**ELEMENTS FOUND
AND ESTIMATED PERCENTAGE RANGE
OF CONCENTRATION**

SAMPLE MARK

"F"

ELEMENT	Not Less Than %	Not More Than %	ELEMENT	Not Less Than %	Not More Than %	ELEMENT	Not Less Than %	Not More Than %
Aluminum Al ₂ O ₃	4.0	8.0	Lithium			Thallium		
Antimony			Magnesium MgO	10.0	20.0	Thorium		
Arsenic			Manganese	0.10	0.20	Tin	.002	.005
Barium	.0007	.003	Mercury			Titanium	0.10	0.20
Beryllium			Molybdenum	0.15	0.30	Tungsten		
Bismuth			Nickel	0.01	0.06	Uranium		
Boron			Osmium			Vanadium	0.01	0.06
Calcium CaO	3.0	6.0	Palladium			Zinc		
Cadmium			Phosphorus			Zirconium		
Cesium			Platinum	Not detected in sample		RARE EARTHS:		
Chromium	0.03	0.10	Potassium	0.10	0.20	Cerium		
Cobalt	.005	0.01	Rhenium			Dysprosium		
Columbium			Rhodium			Erbium		
Copper	0.15	0.30	Rubidium			Europium		
Gallium	.005	0.01	Ruthenium			Gadolinium		
Germanium			Scandium			Holmium		
Gold	Not detected in sample		Silicon (as SiO ₂)	50.0	70.0	Lanthanum		
Hafnium			Silver	.0001	.0004	Neodymium		
Indium			Sodium	0.5	1.5	Praseodymium		
Iridium			Strontium			Samarium		
Iron Fe ₂ O ₃ /FeS ₂	5.0	10.0	Tantalum			Ytterbium		
Lead	.002	.006	Tellurium			Yttrium		

Remarks: This material is principally composed of a Magnesium-meta-silicate, along with other elements as shown. Silver does not exceed 4 parts per million. No Iridium or Palladium was detected.

Respectfully Submitted

percent to ton (2,000 lbs.)
1.0% = 20.0 Lbs. AVOIR.
0.10% = 2.0 Lbs. AVOIR.
0.01% = 3.2 oz. AVOIR.
0.001% = 0.32 oz. AVOIR.
0.0001% = 0.032 oz. AVOIR.

(Spectrographer)

MARIPOSA SPECTROGRAPHIC LABORATORY



STATE DEPARTMENT OF GEOLOGY
AND MINERAL INDUSTRIES

702 WOODLARK BUILDING
PORTLAND 5, OREGON

August 5, 1949

Sample submitted by F. W. Libbey

Analysis by:

Sample received on July 18, 1949

L. L. Hoagland
Assayer

Analysis requested Gold, Silver, Copper assay

Lab. No.	Sample Marked	Results of Analysis	Remarks
P-8893	E. and W. seam	Gold (Au) 0.12 oz./ton Silver (Ag) 6.00 oz./ton Copper (Cu) 17.30%	From bulldozer cut, Gold Hill pocket. From oxidized vein showing above shallow shaft and containing azurite, malachite and limonite.
***	****	*****	*****

The Department did not participate in the taking of this sample
and assumes responsibility only for the analytical results.

RECORD IDENTIFICATION

RECORD NO..... M046658
RECORD TYPE..... XIM
COUNTRY/ORGANIZATION. USGS
DEPOSIT NO..... 043 A
MAP CODE NO. OF REC..

REPORTER

NAME..... BLAIR, WILL N.
DATE..... 76 09
UPDATED..... 81 05
BY..... FERNS, MARK L. (BROOKS, HOWARD C.)

NAME AND LOCATION

DEPOSIT NAME..... GOLD HILL MINE
SYNONYM NAME..... GOLD HILL POCKET

MINING DISTRICT/AREA/SUBDIST. KLAMATH MOUNTAINS AREA

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

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

COUNTY..... JACKSON
DRAINAGE AREA..... 17100308 PACIFIC NORTHWEST
PHYSIOGRAPHIC PRDV..... 13 KLAMATH MOUNTAINS
LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME
1: 62500 GOLD HILL

LATITUDE LONGITUDE
42-26-36N 123-01-06W

UTM NORTHING UTM EASTING UTM ZONE NO
4698800.0 498500.0 +10

TWP..... 36S
RANGE.... 03W
SECTION.. 14
MERIDIAN. WILLAMETTE

POSITION FROM NEAREST PROMINENT LOCALITY: 2 MILES NE OF GOLD HILL

COMMODITY INFORMATION

OCCURRENCE(S) OR POTENTIAL PRODUCT(S):

POTENTIAL.....

OCCURRENCE..... MO

COMMODITY SPECIALIST INFORMATION:

PGM PROD NOT VERIFIED

ORE MATERIALS (MINERALS, ROCKS, ETC.):

FREE GOLD; MOLYBDENITE; "PLATINUM"

ANALYTICAL DATA(GENERAL)

PLATINUM WAS 0.32 OZ PER TON ACCORDING TO SHELTER RETURNS (MERTIE, 1969, P. 99)

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 6

PROPERTY IS INACTIVE

YEAR OF DISCOVERY..... 1857

BY WHOM..... EMIGRANT AND PARTNERS

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:

LODE

FORM/SHAPE OF DEPOSIT: LINEAR VEIN

SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... MEDIUM

MAX WIDTH..... 5 FT

STRIKE OF OREBODY..... N20W

DIP OF OREBODY..... 80E

COMMENTS(DESCRIPTION OF DEPOSIT):

POCKET

DESCRIPTION OF WORKINGS-

SURFACE AND UNDERGROUND

COMMENTS(DESCRIP. OF WORKINGS):

THE POCKET EXTENDED TO ONLY 15 FEET BELOW THE OUTCROP.

PRODUCTION

YES

MEDIUM PRODUCTION

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

ITEM ACC AMOUNT THOUS. UNITS YEAR GRADE-REMARKS

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

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE, REMARKS
15 AU	EST		OZ	1857-1870'S	

PRODUCTION YEARS..... 1857-

GEOLOGY AND MINERALOGY

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

AGE OF ASSOC. IGNEOUS ROCKS.. LJUR-CRET
 IGNEOUS ROCK TYPES..... QUARTZ DIORITE DIKE

PERTINENT MINERALOGY..... QUARTZ, CALCITE

IMPORTANT DRE CONTROL/LOCUS.. VEIN CUT BY AN EAST-WEST VERTICAL FRACTURE

GENERAL COMMENTS

PLATINUM OCCURRENCE NOT CONFIRMED.

GENERAL REFERENCES

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- 3) KELLOGG, A.F., 1922, PLATINUM IN THE QUARTZ VEINS OF SOUTHWEST OREGON. ENG. AND MINING JOUR. V. 113, P.1000