

Jackson County  
 Gold Hill Dist  
 MAR 16 1939

Name: Bull of the Woods

Owners: Mrs. Vella Hays of Gold Hill, Oregon and Mrs. Rena Davis of Fort Klamath, Oregon.

LEASED TO: J. A. Clement, Gold Hill, Oregon

Location: On the east bank of the Rogue River about 2 miles northeast of Gold Hill, Oregon in the north east one-quarter of Sec. 15, T. 36 S., R. 3 W.

Area: 31 acres patented land.

History: Prior to 1934 little was known about this property. In that year Mr. J. A. Clements leased and operated it for two years producing \$5,000. Mr. George Tulare operated it in 1936 and 1937. No production. In the fall of 1938 Mr. Clements again secured a lease and started sinking a new shaft 50 feet S.E. of the old one.

Geology: Dark basic type country rock; probably diorite. Vein appears to be a resiliicified shear zone from 2 to 6 feet wide and is composed of quartz and wall rock which breaks free by from hanging wall. Difficult to determine how much of foot wall should be mined. The values penetrate the walls. A sample cut for 25 feet along hanging wall on 95 foot level run \$1.05. Samples from foot wall run from a trace to \$2.45. Little gouge on hanging wall. The 95 foot level has not tapped the ore shute found in the upper levels. Vein is of a good mineable width. Its lateral extent is not known. Ore mined from upper levels plated \$10 per ton. Vein dips 75 to 80° to the S.E. and strikes N, 55° W. Ore minerals are pyrite and free gold, estimated 50% free milling. The following samples were taken:

Office Number	Location	Width	Gold	
85	40' N.W. of Shaft 50' level	6'	0.06	2.10
86	Dump Grab Sample	none	0.04	1.40
87	" " "	"	0.03	1.05
88	10' S.E. shaft 95' Level	41"	0.09	3.15
89	20' " " " "	27"	0.09	3.15
90	" " " " "	15" of wall Rock	.07	2.45
91	24' " " " "	24" Face	0.05	1.75
92	" " " " "	24" of wall Rock	Tr	
93	10' N.W. shaft 95' Level	65"	0.07	2.45
94	20' " " " "	70"	Tr	
95	30' " " " "	62"	0.09	3.15
96	35' " " " "	84" Face Top	0.05	1.75
97	35' " " " "	" Face Floor	0.01	.35
98	95' Level 25' along hanging wall		0.03	1.05
99	27' N.W. shaft 95' Level 5' drill hole foot wall			Tr

REPORT OF BULL OF THE WOODS

Development: 100 ft. vertical shaft with 35, 50 and 95 foot levels. The 35 and 50 foot levels connect with old workings. The 95 foot levels runs N. 55° W. 35 ft. to face and S. 55° E. 25 foot to face. About 60 ft. S.W. of the vertical shaft is a tunnel which runs N. 5° E. 105 ft. having 8 drifts. Aggregate length of drifts and tunnel is 266 feet.

Equipment: A 7 x 8 Chicago Pneumatic Compressor is run by a 4 Cylinder (Liberty Truck) engine. A small Denver Gardner steam hoist is run by air. Other equipment is a cage, car, air hammer and misc. small equipment. Mr. Clement informed me he has erected a two stamp mill (1600 lbs.) since my visit in January, 1939.

Misc. Information: Elevation 1200 feet. Rolling topography. Good road to property. No water except about 130 gal. per hour that the mine makes. Very little, if any, mining timber on property.

Informant: J. E. Morrison. 1/24/39.

Owners: Mrs. Vella Hays, of Gold Hill, Oregon, and Mrs. Rena Davis, of Fort Klamath, Oregon. Leased to J. A. Clement, Gold Hill, Oregon.

Location: On the east bank of the Rogue River about 2 miles northeast of Gold Hill, Oregon, in the northeast  $\frac{1}{4}$  sec. 15, T. 36 S., R. 3 W.

Area: 31 acres patented land.

History: Prior to 1934 little was known about this property. In that year Mr. J. A. Clements leased and operated it for two years producing \$5,000. Mr. George Tulare operated it in 1936 and 1937. No production. In the fall of 1938 Mr. Clements again secured a lease and started sinking a new shaft 50 feet SE. of the old one.

Geology: Dark basic type country rock; probably diorite. Vein appears to be a resillified shear zone from 2 to 6 feet wide and is composed of quartz and wall rock which breaks free by from hanging wall. Difficult

BULL OF THE WOODS (continued)

to determine how much of foot wall should be mined. The values penetrate the walls. A sample cut for 25 feet along the hanging wall on 95 foot level run \$1.05. Samples from foot wall run from a trace to \$2.45. Little gouge on hanging wall. The 95-foot level has not tapped the ore shute found in the upper levels. Vein is of a good mineable width. Its lateral extent is not known. Ore mined from upper levels plated \$10 per ton. Vein dips 75 to 80° to the SE. and strikes N. 55° W. Ore minerals are pyrite and free gold, estimated 50% free milling. The following samples were taken:

Office Number	Location	Width	Gold	
35	40' NW. of Shaft 50' level	6'	0.06	2.10
8686	Dump Grab Sample	None	0.04	1.40
87	" " "	"	0.03	1.05
88	10' SE. shaft 95' level	41"	0.09	3.15
8989	20' " " " "	27"	0.09	3.15
90	" " " " "	15" of wall rock	.07	2.45
91	24' " " " "	24" Face	0.05	1.75
92	" " " " "	24" of wall rock	Tr.	
93	10' NW. shaft 95' level	65"	0.07	2.45
94	20' " " " "	70"	Tr.	
95	30' " " " "	62"	0.09	3.15
96	35' " " " "	84" Face Top	0.05	1.75
97	35' " " " "	" Face Floor	0.01	.35
98	95' Level 25' along hanging wall			
9999	27' NW. shaft 95' Level 5' drill hole foot wass			Tr.

Development: 100 ft. vertical shaft with 35, 50 and 95 foot levels.

The 35 and 50 foot levels connect with old workings. The 95 foot levels run

214

BULL OF THE WOODS (continued)

N. 55° W. 25 ft. to face. About 60 ft. SW. of the vertical shaft is a tunnel which runs N. 5° E. 105 ft. having 8 drifts. Aggregate length of drifts and tunnel is 266 feet.

Equipment: A 7 x 8 Chicago Pneumatic Compressor is run by a 4 Cylinder (Liberty Truck) engine. A small Denver Gardner steam hoist is run by air. Other equipment is a cage, car, air hammer and miscellaneous small equipment. Mr. Clement informed me he has erected a two-stamp mill (1600 lbs.) since my visit in January, 1939.

Miscellaneous Information: Elevation 1200 feet. Rolling topography. Good road to property. No water except about 130 gal. per hour that the mine makes. Very little, if any, mining timber on property.

Informant: J. E. Morrison, 39

STATE GOVERNING BOARD  
 W. H. STRAYER, CHAIRMAN, BAKER  
 ALBERT BURCH . . . MEDFORD  
 E. B. MACNAUGHTON . PORTLAND

EARL K. NIXON  
 DIRECTOR  
 ARTHUR M. SWARTLEY  
 CONSULTING MINING ENGINEER  
 RAY C. TREASHER  
 GEOLOGIST



STATE ASSAY LABORATORIES  
 802 E. H ST., GRANTS PASS  
 J. E. MORRISON  
 MINING GEOLOGIST  
 ALBERT A. LEWIS  
 ANALYST  
 2102 COURT ST., BAKER  
 JOHN ELIOT ALLEN  
 FIELD GEOLOGIST  
 LESLIE L. MOTZ  
 ANALYST

STATE DEPARTMENT OF GEOLOGY AND  
 MINERAL INDUSTRIES

~~802 EAST H STREET~~  
 GRANTS PASS, OREGON  
 402 East 1 Street

January 30, 1939

Mr. J. E. Morrison, Mining Geologist  
 State Assay Laboratory  
 Grants Pass, Oregon

Following are the results of assays made on samples  
 from the Bull of the Woods Mine:

Location	Office number	Sample number	Gold		Silver		Total value \$ per ton
			Oz./ton	\$/ton	Oz./ton	\$/ton	
40' NW of shaft. 50' level	85	Incline	0.06	2.10	Trace	6'	2.10
Dump	86	Grab-1	0.04	1.40	Trace	Dump	1.40
" 95' level	87	Grab-2	0.03	1.05	Trace	Dump	1.05
10' S.E. of shaft.	88	Drift 2-1	0.09	3.15	Trace	41"	3.15
20' " " "	89	Drift 2-2a	0.09	3.15	Trace	27"	3.15
" " " "	90	Drift 2-2b	0.07	2.45	Trace	15" W.R. F.W.	2.45
24' " " "	91	Drift 2-3a	0.05	1.75	Trace	24" Face	1.75
24' " " "	92	Drift 2-3b	Trace		Trace	24" W.R. F.W.	
10' NW of shaft.	93	1	0.07	2.45	Trace	65"	2.45
20' " " "	94	2	Trace		Trace	70"	
30' " " "	95	3	0.09	3.15	Trace	62"	3.15
35' " " " Face	96	4	0.05	1.75	Trace	84"	1.75
" " " " "	97	5	0.01	0.35	Trace	84"	0.35
shaft to face	98	6	0.03	1.05	Trace	H.W. 25' along wall	1.05
27' NW of shaft.	99	8	Trace		Trace	5' drill hole	

Signed.. *Albert A. Lewis*  
 Assayer

XXXXXXXXXXXXX

402 East I Street

January 30, 1939

Mr. J. E. Morrison, Mining Geologist  
State Assay Laboratory  
Grants Pass, Oregon

Following are the results of assays made on samples  
from the Bull of the Woods Mine:

<u>Office number</u>	<u>Sample number</u>	<u>Gold</u>		<u>Silver</u>		<u>Total value \$ per ton</u>
		<u>Oz./ton</u>	<u>\$/ton</u>	<u>Oz./ton</u>	<u>\$/ton</u>	
85	Incline	0.06	2.10	Trace		2.10
86	Grab-1	0.04	1.40	Trace		1.40
87	Grab-2	0.03	1.05	Trace		1.05
88	Drift 2-1	0.09	3.15	Trace		3.15
89	Drift 2-2a	0.09	3.15	Trace		3.15
90	Drift 2-2b	0.07	2.45	Trace		2.45
91	Drift 2-3a	0.05	1.75	Trace		1.75
92	Drift 2-3b	Trace		Trace		
93	1	0.07	2.45	Trace		2.45
94	2	Trace		Trace		
95	3	0.09	3.15	Trace		3.15
96	4	0.05	1.75	Trace		1.75
97	5	0.01	0.35	Trace		0.35
98	6	0.03	1.05	Trace		1.05
99	8	Trace		Trace		

Signed.....  
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? . . . . . Date on which sample is sent. *1/24/39*

Name (or names) of owners of the property *Vella Hays & Rena Davis*

Name of particular claim and date of location . . . *Pat Ground* . . . . .

Location of property or source of sample:

(1) County. *Jackson* . . . . . (2) Mining District *Gold Hill* . . . . .

(3) Township *36* . . . . . (4) Range *3 W* . . . . . (5) Section *15* . . . . .

(6) Quarter Section . . . . .

How far from passable road? *Road to mine* . . . . .

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) *15 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*

(Over)



STATE DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES

ASSAY REPORT

Office Number 169

Grants Pass, Oregon  
~~Baker, Oregon~~

March 6 1939

Sample submitted by J. E. Morrison

Grants Pass, Oregon

Sample description Face sample from drift #1; Bull of the Woods Mine.

Greenstone and calcite containing a small amount of fine pyrite. 5 lbs.  
 1 1/2 inches and smaller.

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					
	0.02	0.70	Trace						\$0.70

Market Quotations:

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

STATE ASSAY LABORATORY

\_\_\_\_\_  
 Assayer

RECORD IDENTIFICATION

RECORD NO..... M061043  
RECORD TYPE..... X1M  
COUNTRY/ORGANIZATION.. USGS  
MAP CODE NO. OF REC..

REPORTER

NAME..... JOHNSON, MAUREEN G.  
UPDATED..... 80 12  
BY..... FERNS, MARK L.; (BROOKS, HOWARD C.)

NAME AND LOCATION

DEPOSIT NAME..... BULL OF THE WOODS PROSPECT

MINING DISTRICT/AREA/SUBDIST. GOLD HILL

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

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

COUNTY..... JACKSON  
LAND CLASSIFICATION..... 01

QUAD SCALE            QUAD NO OR NAME  
1: 62500            GOLD HILL

LATITUDE            LONGITUDE  
42-26-44N            123-02-02W

UTM NORTHING        UTM EASTING        UTM ZONE NO  
4699041.9            497220.5            +10

TWP..... 36S  
RANGE..... 03W  
SECTION.. 15  
MERIDIAN. W.M.

LOCATION COMMENTS: NE 1/4

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):

MAJOR PRODUCTS.. AJ  
MINOR PRODUCTS.. AG

COMMODITY COMMENTS:  
50% FREE MILLING

EXPLORATION AND DEVELOPMENT  
STATUS OF EXPLOR. OR DEV. 4

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
VEIN /SHEAR ZONE  
FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA  
MAX WIDTH..... 6 FT  
STRIKE OF OREBODY.... N55W  
DIP OF OREBODY..... 75-80SE  
COMMENTS(DESCRIPTION OF DEPOSIT):  
FISSURE VEIN IN RESILICIFIED SHEAR ZONE

DESCRIPTION OF WORKINGS

COMMENTS(DESCRIP. OF WORKINGS):  
100 FT SHAFT WITH 266 FT OF DRIFTS AND TUNNELS ON THREE LEVELS

PRODUCTION  
YES  
SMALL PRODUCTION

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

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE, REMARKS
1 ORE SML		.349	TONS		
2 AU SML		.059	OZ	.169	OZ/T
3 AG SML		.121	OZ	.347	OZ/T
23 ORE, SML		.350	TONS	1933-1939	0.17 AU, 0.35 AG

PRODUCTION YEARS..... 1933-1939

SOURCE OF INFORMATION (PRODUCTION).. USBM

GEOLOGY AND MINERALOGY  
HOST ROCK TYPES..... DIORITE (GABBRO)

PERTINENT MINERALOGY..... QUARTZ

GENERAL COMMENTS

RECORD IDENTIFICATION

RECORD NO..... M013896  
RECORD TYPE..... X1M  
COUNTRY/ORGANIZATION. USGS  
FILE LINK ID..... CONSV  
MAP CODE NO. OF REC..

REPORTER

NAME..... LEE, W  
DATE..... 74 01

NAME AND LOCATION

DEPOSIT NAME..... BULL -OF-THE-WOODS  
MINING DISTRICT/AREA/SUBDIST. GOLD HILL-APPLEGATE-WALDO AREA, 13  
COUNTRY CODE..... US  
COUNTRY NAME: UNITED STATES  
STATE CODE..... OR  
STATE NAME: OREGON  
COUNTY..... JACKSON

QUAD SCALE QUAD NO OR NAME  
1: GOLD HILL

LATITUDE LONGITUDE  
42-26-41N 123-02-03W

UTM NORTHING UTM EASTING UTM ZONE NO  
4698950. 497200. +10

TWP..... 36S  
RANGE..... 03W  
SECTION.. 15  
MERIDIAN. W.M.

POSITION FROM NEAREST PROMINENT LOCALITY: NE1/4, 1200 FEET ELEVATION ON EAST BANK OF ROGUE RIVER.

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. B