

# State Department of Geology and Mineral Industries

702 Woodlark Building  
Portland 5, Oregon

## HEMATITE MINE (Gold Lode)

Jackson County  
Upper Applegate Dist.

Owner: Florance J. Hall, P. O. Box 568, Jacksonville, Oregon.

Location: Hematite Mine, a gold lode in NW $\frac{1}{4}$  sec. 6, T. 41 S., R. 2 W.

The mine is reached by going up Squaw Creek to the lakes then traveling  $\frac{1}{4}$  mile to the owner's cabin. The mine workings are within 300 feet of the cabin.

Development: Two 100-foot adits open into the vein. A 20-foot shaft and numerous small surface pits complete the workings.

Geology: Winchell, 1914, described the mine as follows:

"Haskins and Traverso have a prospect in the N. W.  $\frac{1}{4}$  Sec. 6, T. 41 S., R. 2 W. on the north side of Squaw creek at an elevation of 3450 feet by barometer. It is opened by two short adits and a 20-foot shaft. The vein is 1 to 3 feet thick, striking N. 71° W. and dipping 60° N.E. in old andesite. The quartz near the surface shows a little copper stain."

The mine workings now show a vein ranging from solid "bull" quartz up to 3 feet to several quartz stringers 6 inches wide in the vein zone. The vein is parallel to the foliation in variable quartz-mica schists and dense, hard quartz-rich metamorphics.

The quartz appears to fill a shear zone. The dip and strike of the vein are slightly variable. In several places the quartz goes out entirely showing only a narrow shear. The reason for this was not determined but it may be that physical characteristics of the wall-rock are responsible.

The vein material ranges from a solid white, milky quartz to a heavily iron-stained milky quartz. No values were seen in the mine but a float boulder of the iron-stained quartz and many samples collected by

Hall showed very great values in free gold. The iron-stained stringer is slightly vuggy and is exposed in an adit. Sparse copper-staining is present in several places.

It is apparent that there have been several periods of silicification and probably different periods of gold mineralization. The wall-rock does not seem to have been altered to any great extent near the vein.

Economics: According to the owner, several places in the workings show values in excess of \$50-\$60, and small shoots might be expected to produce higher values. If this is the case, a small 2-man operation might succeed on the property.

The owner is, at the present time, exploring the surface to try to discover larger orebodies than have appeared in the workings. The variable nature of the geology in the area makes this work hazardous in the extreme. Mining is usually the best exploration.

No assays were taken.

Visited: Oct. 11th by M. S.

Reported: Oct. 14, 1955 by Max Schafer.

Reference: Petrology & Mineral Resources of Jackson & Josephine Counties, Oregon, by A. N. Winchell, Aug. 1914.

\* \* \* \* \*

# State Department of Geology and Mineral Industries

1069 State Office Building  
Portland 1, Oregon

HEMATITE CLAIM (Au)  
(Supplemental to Shafer Report, 1955)

UPPER APPLEGATE  
JACKSON

History: The original locators were John Haskins and Dick Traverso in the early 1900's. Haskins obtained patent to a homestead below the prospect in 1912 and sold the homestead to Rayne Phillips in 1916. Walt Garrison put in a small rod mill at the mine in 1916. Harley Hall, deceased brother of the present owner, relocated the claim in September 1929. Florence J. Hall purchased the claim from his brother in 1930. Development since Winchell's 1914 report has been mainly assessment work.

Samples: Seven samples were taken at various points along the vein as shown on the accompanying sketch map. Values vary from \$1.40 to \$453.00 per ton in gold and silver (see attached assay sheet). Quartz containing readily visible gold, exposed in a short adit between the tunnels, was not sampled.

Geology: The enclosing rock is a metamorphic varying in appearance from argillite to meta-andesite which belongs to the Applegate group of Upper(?) Triassic age. Some of the material appears to be a fine-grained sandstone.

Where exposed the vein is usually multiple. In the face of tunnel No. 2 it consists of seven semi-parallel veinlets varying from 2 to 6 inches thick. The vein can be seen to branch from a single 2-foot thickness of quartz into four smaller veinlets. It may be described as a slightly curving, tapering, and branching vein system which is generally contained in a width of 4 feet or less. The predominant strike is about N. 70° W. with dips of about 60° NE. Low angle shears in tunnel No. 1 have caused the vein to pinch out for a short distance.

A medium-grained basic diorite or dolerite dike exposed in various places adjacent to the vein, mostly on the north side, may be in some way genetically related to the mineralization.

The older schist formation of pre-Triassic age is exposed about 200 yards south of the vein. Contact with these older rocks appears to lie nearly parallel to the trend of the vein.

Hall has also been working a seasonal placer which lies southeast of the lode claim along Squaw Creek.

Visited: 9/18/63.

Report by: Len Ramp - 10/23/63.

RECEIVED  
OCT 24 1963  
STATE DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES

Hematite Gold Vein Mine  
 SW $\frac{1}{4}$  sec. 31, T. 40 S., R. 2 W.

U.A.

STATE DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES

ASSAY REPORT

Office Number AG-1374  
AG-1375

Grants Pass, Oregon  
~~Baker, Oregon~~

November 2, 19~~3~~40

Sample submitted by Florence Hall, 911 Queen Anne Avenue, Medford, Oregon

Sample description No. 1 & 2 and 3 & 4--Two samples of gray and white, milky quartz. 1 $\frac{1}{2}$  lbs. each.  $\frac{3}{4}$  inch.

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	0.09	3.15	Trace						\$ 3.15
2	0.59	20.65	Trace						\$20.65

Market Quotations:

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

STATE ASSAY LABORATORY

Assayer

STATE OF OREGON  
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES  
Project Sample Record

SAMPLES SUBMITTED BY: Len Ramp P.O. Box 417 Grants Pass, Oregon Date: 9/20/63  Baker  Grants Pass

Sample No.	Mine or Prospect	Type	District	S.	T.	R.	Assay for
1. XG-251	Hematite Ledge	3-foot cut	Upper Applegate	SW31	40 S	2 W	Au, Ag
2. XG-252	" "	30-inch cut	" "	NW 6	41 S	2 W	Au, Ag
3. XG-253	" "	26-inch cut	" "	NW 6	41 S	2 W	Au, Ag
4. XG-254	" "	40-inch cut	" "	NW 6	41 S	2 W	Au, Ag
5. XG-255	" "	10-inch cut	" "	NW 6	41 S	2 W	Au, Ag
6. XG-256	" "	grab	" "	NW 6	41 S	2 W	Au, Ag
7. XG-257	" "	grab	" "	NW 6	41 S	2 W	Au, Ag

Descriptions:

1. Across series 3 parallel veins in face of 10-foot adit near west center end of claim. Mixed quartz and weathered wall rock.
2. Across vein exposed in west side open cut in gully about 375' SE along strike from west center end. Is mostly fractured vein quartz with some fractured argillite wall rock.
3. Across vein in east side of gully cut.
4. Across 3 veins in bottom 18 foot shaft under madrone tree 450 feet from east end of claim. Mixed iron-stained vein quartz, clay and weathered rock.
5. Across 10 inch vein in east wall 18-foot "Madrone" shaft about 7 feet above bottom of shaft. Mostly fractured iron-stained vein quartz.
6. From vein in south wall no. 2 tunnel 13-feet from face in sill. Fractured vein quartz with some chalcopyrite and malachite.
7. One chunk fractured iron-stained vein quartz from No. 2 tunnel.

Results:

	GOLD		SILVER @ 0.905 per ounce.	
1- P-28838 XG-251	0.04	\$1.40	Nil	
2- P-28839 XG-252	0.06	\$2.10	Trace	
3- P-28840 XG-253	0.14	\$4.90	Nil	
4- P-28841 XG-254	1.52	\$53.20	0.40	\$0.36
5- P-28842 XG-255	0.80	\$28.00	0.40	\$0.36
6- P-28843 XG-256	0.04	1.40	Nil	
7 - P-28844 XG-257	12.84	\$449.40	2.80	\$2.53

10-10-63

STATE OF OREGON  
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES  
Project Sample Record

SAMPLES SUBMITTED BY: Len Ramp P.O. Box 417 Grants Pass, Oregon

Date: 9/20/63

Baker  
 Grants Pass

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3. XG-253	" "	26-inch cut	" "	NW 6	41 S	2 W	Au, Ag
4. XG-254	" "	40-inch cut	" "	NW 6	41 S	2 W	Au, Ag
5. XG-255	" "	10-inch cut	" "	NW 6	41 S	2 W	Au, Ag
6. XG-256	" "	grab	" "	NW 6	41 S	2 W	Au, Ag
7. XG-257	" "	grab	" "	NW 6	41 S	2 W	Au, Ag

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3- P-28840 XG-253	0.14	\$4.90	Nil	
4- P-28841 XG-254	1.52	\$53.20	0.40	\$0.36
5- P-28842 XG-255	0.80	\$28.00	0.40	\$0.36
6- P-28843 XG-256	0.04	1.40	Nil	
7 - P-28844 XG-257	12.84	\$449.40	2.80	\$2.53

10-10-63

XG - 251 thru XG - 257  
Au, Ag

STATE DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES  
PROJECT SAMPLE RECORD

SAMPLES SUBMITTED BY: Len Ramp

ADDRESS: P.O. Box A17 Grants Pass, Oregon DATE: 9/20/63

Sample No.	Mine or Project	Type	District	S	T	E	Assay For
1. XG-251	Hematite Ledge	3-foot cut	Upper Applegate	SW 31	40 S	2 W	Au, Ag
2. XG-252	" "	30-inch cut	" "	NW 6	41 S	2 W	Au, Ag
3. XG-253	" "	26-inch cut	" "	NW 6	41 S	2 W	Au, Ag
4. XG-254	" "	40-inch cut	" "	NW 6	41 S	2 W	Au, Ag
5. XG-255	" "	10-inch cut	" "	NW 6	41 S	2 W	Au, Ag
6. XG-256	" "	grab	" "	NW 6	41 S	2 W	Au, Ag
7. XG-257	" "	grab	" "	NW 6	41 S	2 W	Au, Ag

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		<u>GOLD</u>		<u>SILVER</u>	
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3.	P-28840 XG-253	0.14	\$ 4.90		Nil
4.	P-28841 XG-254	1.52	\$ 53.20	0.40	\$9.36
5.	P-28842 XG-255	0.80	\$ 28.00	0.40	\$9.36
6.	P-28843 XG-256	0.04	\$ 1.40		Nil
7.	P-28844 XG-257	12.84	\$419.40	2.50	\$2.52

STATE DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES  
PROJECT SAMPLE RECORD

SAMPLES SUBMITTED BY: Len Reid

ADDRESS: P.O. Box 417 Grants Pass, Oregon DATE: 9/20/63

Sample No.	Mine or Prospect	Type	District	Sz	T.	R.	Assay For
1. XG-251	Hematite Ledge	3-foot cut	Upper Applegate SW 31	31	40 S	2 W	Au, Ag
2. XG-252	"	30-inch cut	"	NW 6	41 S	2 W	Au, Ag
3. XG-253	"	26-inch cut	"	NW 6	41 S	2 W	Au, Ag
4. XG-254	"	40-inch cut	"	NW 6	41 S	2 W	Au, Ag
5. XG-255	"	10-inch cut	"	NW 6	41 S	2 W	Au, Ag
6. XG-256	"	grab	"	NW 6	41 S	2 W	Au, Ag
7. XG-257	"	grab	"	NW 6	41 S	2 W	Au, Ag

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Results:

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2. P-28839 XG-252	0.06 \$2.10	Trace
3. P-28840 XG-253	0.14 \$4.90	N11
4. P-28841 XG-254	1.52 \$53.20	0.40 \$0.36
5. P-28842 XG-255	0.80 \$28.00	0.40 \$0.36
6. P-28843 XG-256	0.04 \$1.40	N11
7. P-28844 XG-257	12.84 \$449.40	2.80 \$2.53



*Amatite Prospect*

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

REQUEST FOR SAMPLE INFORMATION

Date: May 25, 1972 Sec. <sup>NE 1/4 NW 1/4</sup> 6 Twp. 41 S, R. 2 W County: Jackson  
(For your records)

Please print name and address in space below

Mr. Len Ramp  
P. O. Box 417  
Grants Pass, Oregon 97526

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)		
		Grab	Channel (length)	Source of Sample
466-6	Ag Ag		40 inch chip	across face Tunnel No 2
7	" "		40 inch chip	across vein in back Tunnel No 2 90 feet from face
8	" "		2 ft. chip	across vein in bulch cut
9	" "		30 inch chip	across vein in Tunnel #1 40 ft from caved portal

Samples should weigh at least one pound and be dry. Fee for analysis must accompany sample.  
Date Rec'd: \_\_\_\_\_ Amount Rec'd: \_\_\_\_\_ Analysis Mailed: June 8, 1972

Lab. No.	Cust. No.	Gold oz/ton	Silver oz/ton			
P-37729	AGG-6	.04	Trace			
P-37730	AGG-7	.23	.17			
P-37731	AGG-8	.08	nil			
P-37732	AGG-9	.015	nil			

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

Analyzed by Robert C. Lauve

RECORD IDENTIFICATION

RECORD NO..... MO13825  
RECORD TYPE..... XIM  
COUNTRY/ORGANIZATION. USGS  
FILE LINK ID..... CONSV  
MAP CODE NO. OF REC..

REPORTER

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

NAME AND LOCATION

DEPOSIT NAME..... HEMATITE

MINING DISTRICT/AREA/SUBDIST. GOLD HILL - APPELEGATE - WALDO AREA, 45

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

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

COUNTY..... JACKSON

QUAD SCALE QUAD NO OR NAME  
1: TALENT

TWP..... 40S  
RANGE..... 02W  
SECTION.. 31  
MERIDIAN. W.M.

POSITION FROM NEAREST PROMINENT LOCALITY: SW CORNER SEC. 31, 3400 TO 3600 FEET ELEVATION. ALSO SEC. 6, T. 41S, R. 2W

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 1

DESCRIPTION OF WORKINGS

COMMENTS(DESCRIP. OF WORKINGS):  
A SMALL AMOUNT OF HIGH-GRADE ORE WAS MILLED.

## CRIB MINERAL RESOURCES FILE 12

## RECORD IDENTIFICATION

RECORD NO..... M013826  
 RECORD TYPE..... X1M  
 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..... HEMATITE.  
 SYNONYM NAME..... HALL CLAIMS, HASKINS AND TRAVERSD

MINING DISTRICT/AREA/SUBDIST. UPPER APPLGATE

COUNTRY CODE..... JS  
 COUNTRY NAME: UNITED STATES

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

COUNTY..... JACKSON  
 LAND CLASSIFICATION..... 41

QUAD SCALE            QUAD NO OR NAME  
 1:                    TALENT

LATITUDE            LONGITUDE  
 42-02-27N            122-59-03W

UTM NORTHING        UTM EASTING        UTM ZONE NO  
 4654100.            501300.            +10

TWP..... 41S        40S  
 RANGE..... 02W     02W  
 SECTION.. 06        31  
 MERIDIAN. WILLAMETTE

## COMMODITY INFORMATION

COMMODITIES PRESENT..... AU    AG    CU

PRODUCER(PAST OR PRESENT):  
 MAJOR PRODUCTS.. AJ

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
FREE GOLD, CHALCOPYRITE, MALACHITE, PYRITE, HEMATITE

ANALYTICAL DATA (GENERAL)

DDGMI ASSAYS RANGED FROM 0.015-0.23 OZ/TON AU; NIL-0.17 OZ/TON AG

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 4

PRESENT/LAST OWNER..... ARTHUR PIERCE, MEDFORD OREGON (1971)

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:

VEIN/SHEAR ZONE

FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA

MAX LENGTH..... 1500 FT

MAX THICKNESS..... 6 IN

DESCRIPTION OF WORKINGS

UNDERGROUND

COMMENTS (DESCRIP. OF WORKINGS):

DEVELOPED BY 110 AND 150 FT TUNNELS AND SEVERAL SHALLOW SHAFTS.

PRODUCTION

YES

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

PRODUCTION COMMENTS..... A SMALL AMOUNT OF HIGH-GRADE ORE WAS MILLED.

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... PERM-TRI

HOST ROCK TYPES..... ARGILLITE, META-ANDESITE

PERTINENT MINERALOGY..... QUARTZ, LIMONITE

GEOLOGICAL DESCRIPTIVE NOTES. COUNTRY ROCKS ARE ARGILLITE AND META-ANDESITE OF APPLIGATE GROUP.

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES

1) NAME: APPLIGATE GROUP

AGE: PERM TRI

2) NAME: CONDREY MTN. SCHIST

# Hematite label

Hall sand Dump had \$80 away  
(B in A)

had mill below

4' long 18" dia rod mill built  
by Trobridge in Medford

Walt Garrison put in mill in 1916  
former owner of Crabstake mine

Hall's Brother Harley Hall relocate to  
claim in Sept 1929

Florence Hall purchased  
claim from his brother in 1930

Original locators were  
John Haskins and Dick  
Traverso in Early 1900's

(Haskins filed Homestead application  
in 1890 got pat. 1912 on ranch)  
Sold to <sup>Ryan</sup>Phillips in 1916

$$\begin{array}{r} 44940 \\ 36 \\ \hline 4530 \end{array}$$

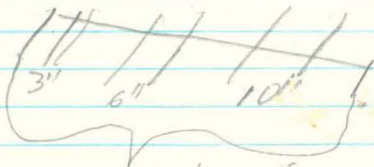
$$\begin{array}{r} 129 \\ 320 \\ \hline 10320 \\ 255 \\ \hline 3,6120 \end{array}$$

# Hall Prospect

9-18-63

To Square Cr rd 21689.45 = mi  
end Rd 21699.15 "

W. end 10' drift  
vein strike  $S 55^{\circ} E$  dip  $57^{\circ} N$   
series 3 veins



3' cut 5#1-9-18-63

co rx = meta vol about  
comp of basic andesite or  
diorite

approx 350 To E. on b-line  
claim is caved shaft in gulch  
small dump 3550 A.

cut opens 2' vein  
strike  $N 70^{\circ} W$  dip  $59^{\circ} N$   
has 1" vein 6" below foot  
wall when exposed on w. side  
cut cut 30" sample w. side 2-9-18.

co rock looks like metased  
fractured altered argillite  
diorite dike exposed up hill  
from vein

cut



700' W) To caved shaft (Discovery)  
200' E? at point where vein splits.