

State Department of **RECEIVED** **10** *Geology and Mineral Industries*

STATE DEPT. OF GEOLOGY
& MINERAL INDS.

1069 State Office Building
Portland 1, Oregon

LUCKY ANTLER GROUP (Au)

Josephine County
Grants Pass District

Owners: John E. Hamlin and Lawrence Lamb, Grants Pass.

Area: The Lucky Antler is one of a group of 4 lode claims including the Gold Star, Lucky Antler, Boulder Mountain and Red Devil which were located by Hamlin during 1928 and 1930.

Location: The prospect visited is situated on a small hill called Boulder Mountain slightly more than a mile east of Onion Mountain in the NE $\frac{1}{4}$ of the SW $\frac{1}{4}$ sec. 12, T. 36 S., R. 8 W. It is reached via the Onion Mountain road and is about 16 miles from the junction of the new Forest Service road with Highway 199 near the summit of Hayes Hill 18 miles from Grants Pass.

The Red Devil claim, about $\frac{1}{4}$ mile north across a gully from the Lucky Antler workings, was not visited.

History and production: The Lucky Antler prospect was originally discovered by John Murray about 1900. Lloyd Smith reportedly removed a small amount of fairly rich ore from the Lucky Antler claim. This ore was worked in 1925 or 1926 in an arrastre near the present Hamlin cabin on Upper Taylor Creek. Hamlin reported taking out about \$100.00 in the late 1930's, mostly from the shaft (now caved) at the serpentine contact on the west side of the knoll.

Hamlin reported producing between \$300.00 and \$400.00 in gold from the Red Devil in the late 1930's. It was worked out by hand methods and some was smelted by a local assayer.

There has been no recent production from this group of claims.

Development: Workings on the Lucky Antler claim include 4 short drifts, 2 shafts, and 3 open cuts. The most northerly and longest drift is crooked and about 95 feet long. Its general trend is S. 70° W. This tunnel is situated on the northeast side of Boulder Mountain at about 4,050 feet elevation. A second 50-foot also crooked drift follows a semi-parallel vein, about 85 feet to the south. Two small cuts are situated above and west of the south drift. A third partly-caved drift, formerly about 40 feet long is just below the top of the hill at about 4,110 feet elevation. It trends S. 70° W. and appears to be in line with the lower northern drift. A 30-foot combination narrow cut and drift is 15 feet north and parallel to the partly-caved 40-foot drift. A fair sized area on top of the hill, about 4,130 feet elevation, has been partly leveled by bulldozer. An old caved shaft about 50 feet deep is on the west edge of the bulldozed area and 15 feet farther west is another caved inclined shaft reportedly about 35 feet deep and situated on the serpentine contact.

Workings on the Red Devil claim are reported to include an 18-foot inclined shaft and an 80-foot crosscut tunnel.

Geology: Boulder Mountain is made up mainly of hard, green, somewhat fractured metavolcanic rocks probably meta-andesite(?). This "greenstone" body is bounded on the west by a narrow belt of sheared serpentine and a wider serpentine zone to the east. The greenstone of Boulder Mountain appears to be a large inclusion or isolated body surrounded by serpentine.

Mineralized seams and small gold-bearing quartz veins in the greenstone generally strike from N. 65° E. to N. 80° E. and dip steeply SE. The average width of the veins prospected appears to be about 10 inches. The northern veins vary from 1 inch up to about 3 feet wide. Where ex-

posed in the south tunnel and cuts just above it, the southern vein appears smaller and less continuous. Enriched zones or ore shoots are reported to occur in the west end of the main northern vein where it contacts, but does not penetrate the serpentine, and at a point in the upper drifts where a N. 20° E.-striking, cross-cutting, iron-stained shear intersects the N. 75° E.-striking parallel veins. Values are generally poor away from the enriched spots. Two samples taken on the vein in the northern tunnel assayed \$0.52 and \$1.40 per ton in gold (DOGAMI assay numbers UG-222 and UG-223).

On the Red Devil claim rich pocket-type gold was reportedly mined from a 6 to 8 inch limy quartz vein which was sheared off at the bottom of the 18-foot shaft.

Visited: 8/31/60.

Informant: John E. Hamlin.

Report by: Len Ramp, 1/6/61.

put with new report file

UG - 222 & 223
Au, Ag

Pen

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 8/31/60

Name (or names) of owners of the property J. E. Hamlin & Lawrence Lamb

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

Name of claim sample obtained from Lucky Antler

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 Grants Pass

Township 36 S Range 2 W Section 12 Quarter section NE/SW

How far from passable road? 8/10 mile Name of road Hamlin cabin road

Channel (length)	Grab	Assay for	Description
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Sample no. 1 10 inch Au, Ag Vein in N. wall drift about 70' from portal

Sample no. 2 8 inch Au, Ag Vein in S. wall drift 35' from portal.

(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 Both samples fractured iron-stained vuggy vein quartz with fractured weathered greenstone.

Sample number	GOLD		SILVER					
	oz./T.	Value	oz./T.	Value				
UG-222 P-25642	0.015	\$0.52	Nil	---	---	---	---	---
UG-223 P-25643	0.04	\$1.40	Nil	---	---	---	---	---

Report issued _____ Card filed _____ Report mailed 9-19-60 Called for _____

RECORD IDENTIFICATION

RECORD NO..... M061860
RECORD TYPE..... X1M
COUNTRY/ORGANIZATION. USGS
DEPOSIT NO..... DDGMI 100-190
MAP CODE NO. OF REC..

REPORTER

NAME..... SMITH, ROSCOE M.
DATE..... 78 08
UPDATED..... 81 03
BY..... FERNS, MARK L. (BROOKS, HOWARD C.)

NAME AND LOCATION

DEPOSIT NAME..... LUCKY ANTLER

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

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

COUNTY..... JOSEPHINE
DRAINAGE AREA..... 17100309 PACIFIC NORTHWEST
PHYSIOGRAPHIC PRDV..... 13 KLAMATH MOUNTAINS
LAND CLASSIFICATION..... 41

QUAD SCALE QUAD NO OR NAME
1: 62500 SELMA

LATITUDE LONGITUDE
42-27-12N 123-35-29W

UTM NORTHING UTM EASTING UTM ZONE NO
4700075. 451375. +10

TWP..... 36S
RANGE..... 08W
SECTION.. 12
MERIDIAN. WB & M

LOCATION COMMENTS: NE 1/4 SW 1/4

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):

ANALYTICAL DATA (GENERAL)
DDGMI SAMPLES RAN 0.015 - 0.04 OZ/TON AU; NIL AG

EXPLORATION AND DEVELOPMENT
STATUS OF EXPLOR. OR DEV. 4

DESCRIPTION OF DEPOSIT

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

SIZE/DIRECTIONAL DATA
SIZE OF DEPOSIT..... SMALL
MAX WIDTH..... 3 FT
STRIKE OF DREBODY.... N65-80E
DIP OF DREBODY..... SE

DESCRIPTION OF WORKINGS

COMMENTS (DESCRIP. OF WORKINGS):
235 FEET IN FOUR SHORT ADITS AND TWO SHALLOW SHAFTS

PRODUCTION
YES
SMALL PRODUCTION

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

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE, REMARKS
15 AU	EST	0000.200 OZ		1900-1940	
23		SMALL		1900-1939	AU (SOME RICH)

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... JUR
HOST ROCK TYPES..... META-ANDESITE SERPENTINE

PERTINENT MINERALOGY..... QUARTZ

LOCAL GEOLOGY
NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES
1) NAME: ROGUE VOLCANICS
AGE: JUR

COMMENTS (GEOLOGY AND MINERALOGY):
NARROW GOLD-BEARING QUARTZ VEINS AND SHEAR ZONES.

SITE NAME: LUCKY ANTLER COUNTY: JOSEPHINE
SYNONYMS:
OWNER:
LOCATION:
MINING_DIS:
MFS_DIS:
QUAD1: GRANTS PASS SCALE: 100000 TOWNSHIP:036S
QUAD2: SELMA SCALE: 62500 RANGE:008W
RIVER BASIN:17 SECTION:12
HYSTIOG: 13 KLAMATH MOUNTAINS SECT_FRACT:NE,SW

SGS NUM: MO61860 LAT:42-27-12N
LOGAMI MLR: LONG:123-35-29W
REPORTER: SMITH, ROSCOE M. UTM_N:4700075
AFFILIATION: USGS UTM_E:451375
REP_DATE: 78 08 UTM_Z:+10
PREPARED BY: FERNS, MARK L. ALTITUDE:
AFFILIATION: ODGMI
PREP DATE: 81 03

REVISION DISC: STATUS: 3
PRODUCTION: YES PRODUCTION SIZE: SMALL

COMMODITIES PRESENT: AU
R_1ST_PRO: YR_LASTPRO:
COMMODITIES PRODUCED: AU

RE_MAT: GOLD
ANGUE: QUARTZ
EPOS_TYP: VEIN/SHEAR ZONE
MIN_AGE:

HOST_ROCK: META-ANDESITE SERPENTINE
HOST_R_AGE: JUR

LITERATION:
GNEOUS_R:
G_R_AGE:
RE_CNTRL:

REP_DESCOM:
EOL_COM: NARROW GOLD-BEARING QUARTZ VEINS AND SHEAR ZONES.

TYPE OF WORKINGS:
WORKINGS DESCRIPTION: 235 FEET IN FOUR SHORT ADITS AND TWO SHALLOW SHAFTS

CUMULATIVE PRODUCTION (UNITS IN 1000'S)

ITEM1:	AU	ITEM2:	ITEM3:
AMT1:	0.200	AMT2:	AMT3:
UNIT1:	TOZ	UNIT2:	UNIT3:
YEAR1:	1900-1940	YEAR2:	YEAR3:
ITEM4:		ITEM5:	ITEM6:
AMT4:		AMT5:	AMT6:
UNIT4:		UNIT5:	UNIT6:
YEAR4:		YEAR5:	YEAR6:

GENERAL COMMENTS:

REFERENCES:

RAMP, L. AND PETERSON, N.V., 1979, GEOLOGY AND MINERAL DEPOSITS
OF JOSEPHINE COUNTY, OREGON; ODGMI BULL. 100, 45P.