



STATE DEPARTMENT OF GEOLOGY
AND MINERAL INDUSTRIES

702 WOODLARK BUILDING
PORTLAND 5, OREGON

Umpqua General Assays, field trip of January, 1951. F.W.L. and H.M.D.

A. Melody Mines, Inc.
Jim Knight, Elkton

#1 (P-10753), on logging road off North Fork of Rice Creek Road.

T. 29 S., R. 6 W., sec. 31

Au - trace; Ag - nil; Ni - trace; Cu - 0.40%

#2 (P-10754), specimen sample from same location

Au - 0.02 oz/T; Ni - trace; Cu - 2.70%

B. From copper prospect noted on Diller's Roseburg quadrangle, southwest of Brushy Butte, T. 28 S., R. 4 W, sec. 18. On Copco transmission line.

#1 (P-10742), Cu - 1.50%; Ni - 0.256% (malachite stained serpentine)

#2 (P-10743), Cu - nil; Ni - 0.19% (serpentine)

#3 (P-10744), Cu - 2.70%; Ni - 0.27%

#4 (P-10745), Au - nil; Ag - nil; Cu - 1.0%; Ni - 0.134%. Spec run.



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702 WOODLARK BUILDING
PORTLAND 5, OREGON

Feb 14 1951

General Laboratory Number P-10775

Date received _____

Spectrographic Laboratory Number _____

Sample received from H. Dole

QUALITATIVE SPECTROGRAPHIC ANALYSIS
(Quantities estimated to nearest power of ten)

1. Elements present in concentrations over 10%.

Si Mg

2. Elements present in concentrations 10% - 1%.

Fe Cu Mg

3. Elements present in concentrations 1% - 0.1%.

Al Mn Cr Ni

4. Elements present in concentrations 0.1% - .01%.

Ca Na K Zn Co

5. Elements present in concentrations .01% - .001%.

V Be Sr B

6. Elements present in concentrations below .001%.

Ti Mo

Sample taken S.W.
of Brushy Butte.
Acid rock from top
of lower drift.

Au = nil
Ag = "
Cu = 10%
Ni = 0.139%

chem

Thomas C. Matthews, Spectroscopist

TCH

State Department of Geology and Mineral Industries

702 Woodlark Building
Portland 5, Oregon

MELODY MINES, INC. (Au, Cu, Ni)

Riddle Mining District
Douglas County

Officers of Corporation: Claud Haines, President
Elkton, Oregon

Jim Knight, Vice President
Canyonville, Oregon

Harrison Winston, Sec.-Treas.
Attorney
Roseburg, Oregon

Area: 17 lode mining claims, all held by location. The claims are on O and C land that has been logged.

Location: This property is situated in sec. 31, T. 29 S., R. 6 W., on the northwest slope of Big Baldy at an elevation of around 2300 feet. It is approximately 10 miles south of Dillard by road and is reached by turning off U. S. Highway 99 3 miles southeast of Dillard, going up Rice Creek road approximately 4 miles to the East Fork of Rice Creek, and up this tributary for 3 miles.

History: This is a new discovery; it has had no production.

Topography: The outcrops seen are on the steep hillside that forms the northwest slope of Big Baldy and occur between 2200 feet and 2500 feet. The climate is typical of southwest Oregon, i. e., moderate rain and snow in the winter months and hot and dry in the summer.

Development work: Only location and assessment work has been done to date. The outcrops were discovered in the construction of logging roads and several small pits have been dug since.

Geology: The rocks of the area are altered sediments, thought to be part of the Dothan formation, with interbedded volcanics. Ultrabasics, now altered to serpentine, are found in N.E. trending zones along the northwest part of the claims and 1 mile to the southeast on the opposite slope of Big Baldy. Manganese oxide-stained shale is found to the northwest of the property (northwest of the serpentine) and chert is found just southeast of the summit of Big Baldy above (N.E.) the serpentine on the southeast slope. Trends in all these rocks are approximately N 40 E.

The rocks in which the mineralization is found are metavolcanics or intrusives. The easternmost claims are in vesicular metabasalt and those to the west are in meta-andesite or diorite. The coarseness of grain of the latter rocks suggested that some may be diorite but there was also a suggestion of tops and bottoms of flows in these same rocks. Therefore, the possibility exists that the rocks are coarse-grained flows.

Poorly exposed attitudes were taken at various places on the property. They gave a strike of N 55 E and a dip of 60° to the SE in the southwest part of the claims, a strike of N 40 E and a dip of 45° to the SE near the center, and a strike of N 55 E and a dip of 40° to the SE in the northeast part of the claims.

The metallic minerals are pyrite and chalcopyrite. Chalcopyrite altering to limonite and malachite is fairly common. Quartz veinlets up to 3/4 of an inch are plentiful, but how many are the result of the copper bearing solutions is not known. Epidote, along fractures and in the rocks, is common in the rocks of the prospect holes and it is thought that there may be some relation to its occurrence and the copper mineralization. Chalcopyrite and pyrite are sometimes found disseminated through the rocks of the prospect pits and other times appear to be restricted to fractures and apparent flow lines within the altered volcanics. At no time was mineralization seen to be extensive. All the prospect pits can be placed within a zone approximately 300 feet wide vertically (from 2250 feet to 2550 feet aneroid). The mineralization is usually found at the bottoms of the pits and seldom extends to the covering of soil and rock creep. It is possible that further prospecting will prove this apparent zone of mineralization to be of no special significance. The pits which show mineralization are scattered over approximately 1 mile laterally. They occur from a few hundred to more than a thousand feet apart. No sign of mineralization could be found between them.

Economics: In the present stage of development this property is just an interesting occurrence. Of interest is the length over which mineralization is found. The amount of mineralization showing in the prospect pits and the tenor of the ore from past assays does not indicate anything of great interest as far as a single pit is concerned. The distance between outcrops is also discouraging. If a zone showing more continuity could be exposed this property may have some worth. It is believed that further prospecting is warranted in an attempt to outline the ore-bearing area more definitely.

Following is a list of samples taken at the time of the investigation. Because of the difficulties in sampling limited exposures it is not thought these samples are truly representative. Besides the following, two samples were taken on an investigation by F. W. Libbey and H. M. Dole in January 1951. Also, several assays have been received by the owners on samples taken at various times.

MELODY MINE SAMPLES

Number	Location	Sample description
LG-282 S #1-6-24	Elevation 2250 (A). On claim #2 approximately 1000 feet N 75 E. of pit samples by F.W.L. (1-17-51).	Chip sample over 5 feet in diorite (?) with some minor malachite and few specks of chalcopyrite.
LG-283 S #2-6-24	Claim #8. Elevation 2260 (A) about 700 feet N 70 E from sample #1-6-24.	Chip sample around S. face of small pit (diagonally across strike) in black, fine-grained, metabasalt with some chalcopyrite very little malachite, minor quartz seams, and some epidote.
LG-284 S #3-6-24	At same location as sample #2-6-24.	Grab sample (not picked) from dump of pit.
LG-285 S #4-6-24	100 feet N 50 E of sample #3-6-24. At 2270 (A) in claim #8.	Grab sample from around seams containing fairly good malachite and chalcopyrite in metabasalt. Should be of higher grade than average of rock.
LG-286 S #5-6-24	400 feet N 80 E from sample #4 and about 10 feet higher in claim #8.	Grab sample from sidehill exposure of very dense, tough metabasalt with minor chalcopyrite.
LG-287 S #6-6-24	Outcrop on logging road 1000 feet due south of end of logging road up East Fork On claim #7. Elevation 2500 (A).	Chip sample over 5 feet. Zone of malachite staining in badly altered meta-andesite with numerous small shears.
LG-288 S #7-6-24	Down road (north) 100 feet from sample #6-6-24 and about 10 feet lower.	Picked sample of high grade from pyrite-chalcopyrite seam.

Date of investigation: June 24, 1951
Investigation and report by: E. M. Dole and L. Ramp
Informant and guide: Jim Knight

Department of Geology and Mineral Industries

MELODY MINE SAMPLES

207 Nevada Building
Denver, Colorado

Sample Number Analytical Results

LG-282 Ni 0.05
 P-11381 Cu 0.01
 Co 0.01
 Au nil
 Ag nil

LG-283 Ni 0.05
 P-11382 Cu 0.20
 Co trace
 Au nil
 Ag nil

LG-284 Ni 0.005
 P-11383 Cu 0.20
 Co trace
 Au trace
 Ag nil

LG-285 Ni 0.05
 P-11384 Cu 1.00
 Co 0.01
 Au trace
 Ag nil

LG-286 Ni 0.05
 P-11385 Cu trace
 Co trace
 Au trace
 Ag trace

LG-287 Ni 0.05
 P-11386 Cu 0.50
 Co trace
 Au nil
 Ag trace

LG-288 Ni 0.10
 P-11387 Cu 2.0
 Co trace
 Au nil
 Ag trace

The above is a list of samples from the Melody Mine. The samples are listed in order of increasing grade. The samples are listed in order of increasing grade. The samples are listed in order of increasing grade. The samples are listed in order of increasing grade. The samples are listed in order of increasing grade.

Mentioned by Len Ramp summer 1958. May be information in
files in Grants Pass office.

(yes)

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

copy

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 5/8/59

Name (or names) of owners of the property Jim Knight

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

Name of claim sample obtained from Melody Mine

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

County Douglas Mining District Riddle

Township 29 S Range 6 W Section 31 Quarter section E

How far from passable road? 1/2 mile Name of road Rice Crk. & Smith's private road

Channel (length) Grab Assay for Description

Sample no. 1 2" Au, Ag, Cu 2" rusty crushed zone

Sample no. 2 24" Au, Ag, Cu

(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 #1 - Crushed iron-stained metavolcanic rock.

#2 - Fractured metavolcanic rock with thin seams and disseminated chalcocite; also some limonite and malachite.

Sample number	GOLD		- SILVER		COPPER			
	oz./T.	Value	oz./T.	Value	Cu			
P-24100 TG-99	0.01	\$0.35	Nil	--	0.10%	--	--	--
P-24101 TG-100	Nil	--	Nil	--	0.50%	--	--	--

Report issued Card filed Report mailed 5-25-59 Called for

RECORD IDENTIFICATION

RECORD NO..... M020168
 RECORD TYPE..... X1M
 INFORMATION SOURCE... 1
 MAP CODE NO. OF REC..

REPORTER

NAME..... FERNS, MARK L. (BROOKS, HOWARD C.)
 AFFILIATION..... DDGMI
 DATE..... 81 01

NAME AND LOCATION

DEPOSIT NAME..... MELODY PROSPECT

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

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

COUNTY..... DOUGLAS
 DRAINAGE AREA..... 17100302 PACIFIC NORTHWEST
 PHYSIOGRAPHIC PROV..... 13 KLAMATH MTNS
 LAND CLASSIFICATION..... 00

QUAD SCALE QUAD NO OR NAME
 1: 62500 ROSEBURG

LATITUDE LONGITUDE
 43-00-42N 123-25-46W

UTM NORTHING UTM EASTING UTM ZONE NO
 4762000 465000 +10

TWP..... 029S
 RANGE..... 006W
 SECTION.. 31
 MERIDIAN. WILLAMETTE

ALTITUDE.. 2300 FT

COMMODITY INFORMATION

COMMODITIES PRESENT..... CU

OCCURRENCE(S) OR POTENTIAL PRODUCT(S):
 POTENTIAL.....
 OCCURRENCE..... CU

MINOR ORE MINERALS:
LIMONITE, MALACHITE

ANALYTICAL DATA (GENERAL)

ODGMI ASSAYS RAN 0.01-2.0 % CU; 0.005-0.05 % NI; NIL-0.01 % CO; NIL-0.01 OZ/TON AU; NIL AG

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 1
YEAR OF DISCOVERY..... 1949

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:

DISSEMINATED

FORM/SHAPE OF DEPOSIT: IRREGULAR

SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL?
MAX LENGTH..... 5000 FT
MAX WIDTH..... 300 FT

DESCRIPTION OF WORKINGS

SURFACE

COMMENTS (DESCRIP. OF WORKINGS):

SMALL OPEN CUTS

PRODUCTION

NO PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... LJUR
HOST ROCK TYPES..... BASALT, DIDRITE

AGE OF ASSOC. IGNEOUS ROCKS.. LJUR
IGNEOUS ROCK TYPES..... BASALT, DIDRITE

PERTINENT MINERALOGY..... QUARTZ; EPIDOTE

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES

1) NAME: DOTHAN FORMATION
AGE: LJUR

COMMENTS (GEOLOGY AND MINERALOGY):

SPOTTY MINERALIZATION OF DISSEMINATIONS AND STREAKS OF PYRITE AND CHALCOPYRITE IN A NE TRENDING BODY OF ALTERED BASALT AND DIDRITE 300 FT WIDE AND 1 MILE LONG