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

1. Elements present in concentrations over 1%.
   - Si
   - Mg

2. Elements present in concentrations 0.1% - 1%.
   - Fe
   - Cu

3. Elements present in concentrations 0.01% - 0.1%.
   - Al
   - Mn
   - Cr
   - Ni

4. Elements present in concentrations 0.001% - 0.01%.
   - Ca
   - Na
   - K
   - Zn
   - Co

5. Elements present in concentrations < 0.001%.
   - V
   - Be
   - Sr
   - B

6. Elements present in concentrations below 0.001%.
   - Ti
   - Mo

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

Thomas C. Matthews, Spectroscopist

Au = nil
Ag = nil
Cu = 1.00%
Ni = 0.134%
MELODY MINES, INC. (Au, Cu, Ni)  
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

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

Date of investigation: June 24, 1951
Investigation and report by: H. M. Dole and L. Ramp
Informant and guide: Jim Knight
### Melody Mine Samples

<table>
<thead>
<tr>
<th>Sample Number</th>
<th>Analytical Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>LG-282</td>
<td>Ni 0.05, Cu 0.01, Co 0.01, Ag nil</td>
</tr>
<tr>
<td>P-11381</td>
<td>Ni 0.05, Cu trace, Co trace, Ag trace</td>
</tr>
<tr>
<td>LG-283</td>
<td>Ni 0.05, Cu 0.20, Co trace, Ag nil</td>
</tr>
<tr>
<td>P-11382</td>
<td>Ni 0.005, Cu 0.20, Co trace, Ag nil</td>
</tr>
<tr>
<td>LG-284</td>
<td>Ni 0.05, Cu 0.01, Co trace, Ag trace</td>
</tr>
<tr>
<td>P-11385</td>
<td>Ni 0.05, Cu trace, Co trace, Ag trace</td>
</tr>
<tr>
<td>LG-286</td>
<td>Ni 0.05, Cu trace, Co trace, Ag trace</td>
</tr>
<tr>
<td>P-11386</td>
<td>Ni 0.05, Cu 0.50, Co trace, Ag trace</td>
</tr>
<tr>
<td>LG-287</td>
<td>Ni 0.10, Cu 2.0, Co trace, Ag trace</td>
</tr>
<tr>
<td>P-11387</td>
<td>Ni 0.05, Cu trace, Co trace, Ag trace</td>
</tr>
</tbody>
</table>
Mentioned by Len Ramp summer 1958. May be information in files in Grants Pass office.
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? Yes Are you milling or shipping ore? Yes

Name of claim sample obtained from ___________________________________________ Malody 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? 1/4 mile Name of road Rice Crk. & Smith's private road

Sample no. 1 Channel (length) Grab Assay for Description

Sample no. 2 24" Grab Au,Ag,Cu 2" rusty crushed zone

(Samples for assay should be at least 1 pound in weight)

(Signed) ____________________________ Len Ramp

Sample Description #1 - Crushed iron-stained metavolcanic rock.

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

<table>
<thead>
<tr>
<th>Sample number</th>
<th>GOLD oz./T. Value</th>
<th>SILVER oz./T. Value</th>
<th>COPPER Cu</th>
</tr>
</thead>
<tbody>
<tr>
<td>P-24100</td>
<td>0.01</td>
<td>$0.35</td>
<td>Nil</td>
</tr>
<tr>
<td>TG-99</td>
<td>0.10%</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>TG-100</td>
<td>0.50%</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

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

SIR-5
RECORD IDENTIFICATION
RECORD NO. ................. M320168
RECORD TYPE ................. X1M
INFORMATION SOURCE ........... 1
MAP CODE NO. OF REC .........

REPORTER
NAME ............................... FERNS, MARK L. (BROOKS, HOWARD C.)
AFFILIATION ....................... ODGMI
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 ................. 17100002 PACIFIC NORTHWEST
PHYSIOGRAPHIC PROV ............ 13 KLAMATH MTNS
LAND CLASSIFICATION ........... 00
QUAD SCALE ................. 1:62500
QUAD NO OR NAME ............... ROSEBURG
LATITUDE ......................... 43-00-42N
LONGITUDE ....................... 123-25-46W
UTM NORTING ................. 4762000
UTM EASTING ................. 465000
UTM ZONE NO ................. +10
THP ................. 029S
RANGE ................. 005W
SECTION ................. 31
MERIDIAN ................. WILLAMETTE
ALTITUDE ................. 2300 FT

COMMODITY INFORMATION
COMMODITIES PRESENT ........... CU

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

US NATIONAL MINERAL RESOURCES FILE 12
MINOR ORE MINERALS:
  LIMONITE, MALACHITE

ANALYTICAL DATA (GENERAL)
  ODDMI ASSAYS RAN 0.01-2.0 % C; 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 (DESCRIPTION OF WORKINGS):
  SMALL OPEN CUTS

PRODUCTION
  NO PRODUCTION

GEOLOGY AND MINERALOGY

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

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

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 DIORITE 300 FT WIDE AND 1 MILE LONG