### State Department of Geology and Mineral Industries

**Project Sample Record**

**Samples Submitted by:** Len Ramp  
**Address:** P.O. Box 417, Grants Pass, Ore.  
**Date:** 3/31/69

<table>
<thead>
<tr>
<th>Sample No.</th>
<th>Mine or Prospect</th>
<th>Type</th>
<th>District</th>
<th>S.</th>
<th>T.</th>
<th>R.</th>
<th>Assay For</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADG-21</td>
<td>Bull Run Manganese</td>
<td>6-ft. chip</td>
<td>Riddle</td>
<td>N₂,SN₂</td>
<td>30</td>
<td>32 S</td>
<td>4 W</td>
</tr>
<tr>
<td>ADG-22</td>
<td>(ELL-ESS group claims)</td>
<td>grab</td>
<td>&quot;</td>
<td>SE₄,NE₁</td>
<td>25</td>
<td>32 S</td>
<td>5 W</td>
</tr>
<tr>
<td>ADG-23</td>
<td>&quot;</td>
<td>10-ft. chip</td>
<td>&quot;</td>
<td>E. center</td>
<td>25</td>
<td>32 S</td>
<td>5 W</td>
</tr>
<tr>
<td>ADG-24</td>
<td>&quot;</td>
<td>grab</td>
<td>&quot;</td>
<td>NE₂,SE₁</td>
<td>25</td>
<td>32 S</td>
<td>5 W</td>
</tr>
</tbody>
</table>

**Descriptions:**

**ADG-21** — From bulldozer cut near top low ridge between Bull Run and Starveout Creeks. Sample consists of weathered iron-stained metavolcanic rock largely altered to clay that was cut from near the center of the cut face.

**ADG-22** — From ridge 200 feet below road selected from float vein quartz in area of sedimentary rocks.

**ADG-23** — From upper bulldozer cut near center of face, taken across manganese-stained zone of altered siltstone with some fractured vein quartz.

**ADG-24** — From lower main cut, broken from oxidized rhodonite boulders.

**Results:**

<table>
<thead>
<tr>
<th>Sample No.</th>
<th>GOLD (oz./ton)</th>
<th>SILVER (oz./ton)</th>
<th>MANGANESE</th>
<th>SILICA</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADG-21</td>
<td>Nil</td>
<td>Nil</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>ADG-22</td>
<td>Nil</td>
<td>Nil</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>ADG-23</td>
<td>Nil</td>
<td>Nil</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>ADG-24</td>
<td>-</td>
<td>-</td>
<td>10.65%</td>
<td>39.62%</td>
</tr>
</tbody>
</table>

4-3-69
3-29-69

ELL ESS group
head of Bull Run

Pit #2 upper cut
180' long across steep spur ridge - slope south
about 2650' elevation

rocks all graywacke, siltstone
in part shaly
mn of staining in center of cut

strongly is small seam of
take sample
3-29-69 8' chip

Upper pit:
strike of beds about N 45° W
dip N 60° NE good

50' lower on ridge is another cut in Fracture weathered
seds about 80' thick.
shear or joint pattern trending
about N 20° W up hill near east

floor of cut exposes small
amt of fine gr. silicous chert
like seds but cut has relieved
lack of mn staining of others
except at upper east end

about 250' & 100' lower is another cut in weathered rock
On down to main lower cut about 100 yds s & 150' more than above cut is 15' deep 200' long exposes fractured mnr-st. thin beds. pleasant lying arched up. see picture capping meta volc. or corset of beds? lower main cut 100' s 30' lower about 18' deep 150' long whole several large boulders Hodenite was rooted out located about 10 year ago when road work exposed in oxide boulders.
RECORD IDENTIFICATION
RECORD NO.............. M061209
RECORD TYPE............ XIM
COUNTRY/ORGANIZATION.. USGS
MAP CODE NO. OF REC...  

REPORTER
NAME.......................... JOHNSON, MAUREEN G.
UPDATED.......................... 81 02
BY............................... SMITH, ROSCOE M.
FERNS, MARK L. (BROOKS, HOWARD C.)
FERNS, MARK L. (BROOKS, HOWARD C.)

NAME AND LOCATION
DEPOSIT NAME.................... BULL RUN
COUNTRY CODE.............. US
COUNTRY NAME: UNITED STATES
STATE CODE............... OR
STATE NAME: OREGON
COUNTY....................... DOUGLAS
DRAINAGE AREA........... 17100302 PACIFIC NORTHWEST
PHYSIOGRAPHIC PROV..... 13 KLAMATH MOUNTAINS
LAND CLASSIFICATION..... 40
QUAD SCALE........... 62500
QUAD NO OR NAME......... DAYS CREEK
LATITUDE................ 42-45-42N
LONGITUDE............... 123-13-39W
UTM NORTING........... 474162.7
UTM EASTING........... 481385.2
UTM ZONE NO........... +10
TWP....................... 32S
RANGE................... 05E
SECTION............... 30 31
MERIDIAN............... W.M.

COMMODITY INFORMATION
COMMODITIES PRESENT........... MN
ORE MATERIALS (MINERALS,ROCKS,ETC.):
RHODONITE
DESCRIPTION OF DEPOSIT
FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA
SIZE OF DEPOSIT ........ SMALL
MAX LENGTH ............ 35 FT.
MAX WIDTH ............. 20 FT.

DESCRIPTION OF WORKINGS
SURFACE

COMMENTS (DESCRIPTION OF WORKINGS):
TRENCH 7' DEEP, PITS

PRODUCTION
NO PRODUCTION

ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERTHREAD.)
23 ORE, MN, SML SAMPLE 1956? 16 MN, 33 SIDO

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS .......... JUR
HOST ROCK TYPES .......... SCHIST
PERTINENT MINERALOGY ...... QUARTZ, CHALCEDONY
GEOLOGICAL DESCRIPTIVE NOTES: SOFT WEATHERED BRICK-RED SCHIST

LOCAL GEOLOGY

SIGNIFICANT ALTERATION:
SURFACE OF RHODONITE IS OXIDIZED

GENERAL REFERENCES
1) RAMP, L., 1972, GEOLOGY AND MINERAL RESOURCES OF DOUGLAS COUNTY, OREGON; ODOH BULL. 75, P. 46
2) APPLING, R.A., 1958, MANGANESE IN SOUTHWESTERN OREGON; USBM REPT. INVEST. 5369, P. 18
BULL RUN MANGANESE (Ell-Ess Group Claims)

Owner: James M. Ellis, Coos Bay, Oregon.

Location: The main occurrence is in the NE¼ of the SE¼ sec. 25, T. 32 S., R. 5 W. at about 2300 feet elevation. A number of claims are located in both sec. 25 and sec. 30.

Development: Several open cuts from 5 to 18 feet deep at the face and from 100 to 200 feet long expose the formation up the ridge to the north above the discovery cut.

Geology: The area is underlain by sedimentary and volcanic rocks of the Galice formation (Diller and Kay 1924). Rocks exposed in a cut at about 2700 feet elevation are well bedded graywacke sandstone and siltstone which strike about N. 45° W. and dip 40° NE. The rocks show variable amounts of fracturing and alteration. Fracture surfaces are generally coated with thin cover of manganese oxide. Fracture planes appear to strike mostly in a northerly direction parallel to the spur ridge and dip nearly vertical.

At a lower cut lying about 30 feet above and 50 feet north of the main discovery cut, flat lying sedimentary rocks appear to cap an altered volcanic(?) rock and the manganese occurs as lenses or pods of oxide-coated rhodonite boulders in this weathered "metavolcanic". Several boulders of oxide-coated rhodonite up to 4 feet in diameter have been rooted out of the bulldozer cut.

A few samples (ADG-21-24, P-33556-33559) taken in the "mineralized" appearing portions of the cuts and of float vein quartz showed nil in gold and silver.
A sample of the largely-oxidized rhodonite assayed 10.65% manganese and 39.62% SiO₂.

Bull Run Creek below the prospect has been placered to some extent in the past and may still contain some good placer ground.

The owner was advised that other lenses or pods of rhodonite may be found along the strike i.e.- to the northwest and southeast around the contour of the hillside. No manganese boulders were seen in place as the floor of the cut was covered with loose rock so the true strike of the occurrence could not be determined for certain.

Date visited: 3/29/69.
Reference: Riddle folio & geologic map by J.S. Diller & G. F. Kay, 1924.
Report by: Len Ramp 4/7/69.

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