1/5/52

L.C. Gale S.Hing Ouck Mn.
Sec. 19, R.50, T.30S

Stringer exposed downhill for 30'. Replacement of chert.
Some seams of solid oxides surrounding pods of
mines of chert. Bad pinch 1 - 4" in exposure.
Out of 4" to 2½" good mine.
Wallrock is chert.
Wallrock heavily stained.
Different from pod above.
Some attitude but off linc
is 15' (downhill - slump?).
Unreplaced country rock
visible in pod. May not
be same stringer - it is
so diff. Looks like
maybe diff. wallrock.

Mine is probably not economic
unless by some freak two
stringers are different.
Silica is too high. Maybe
a team of miners could
make it go at about 2-3
TPD.

Good pod should be explored
with shaft or careful core
drilling. Then if
pod goes to depth (100') uphill
exploration should be done.
ANALYTICAL DATA (GENERAL)
SURFACE ORE ASSAYS ABOUT 47% MN

EXPLORATION AND DEVELOPMENT
STATUS OF EXPLOR. OR DEV. 1

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:
BED?

FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT. SMALL
MAX LENGTH................. 30 FT
MAX WIDTH................. 6 FT
STRIKE OF OREBODY........ N60E
DIP OF OREBODY........... 55SE

DESCRIPTION OF WORKINGS
SURFACE

COMMENTS (DESCRIPTION OF WORKINGS):
OPEN CUT 10 FEET DEEP

PRODUCTION
NO PRODUCTION
23 ORE MN, SML SAMPLE PRE 1956 47 MN

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS.............. JUR
HOST ROCK TYPES............. CHERT AND ARGILLITE

GEOLOGICAL DESCRIPTIVE NOTES:
SOME BANDED MANGANESE STAINED CHERTS ARE NEARBY

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES
1) NAME: DOOTHAN
AGE: JUR

GENERAL REFERENCES

1) RAMP, L., 1972, GEOLOGY AND MINERAL RESOURCES OF DOUGLAS COUNTIES, OREGON; ODGMI BULL. 75, P. 46
SITTING DUCK #1 (manganese)  

Owner: L. C. Gale, Days Creek, Box 62. Owner of ranch. Government holds mineral rights.

Location: In sec. 19, T. 30 S., R. 3 W. 10.5 miles past Days Creek along S. Umpqua River to Circle S Ranch, left through ranch, ½ mile up a Forest Service road to occurrence. Location may be R. 2 W.

Geology: Manganese bed is located in massive argillites and shales. No bedding is apparent. There is little manganese even as fracture staining of surrounding country rock. Manganese is contained in a bed a little more than 6 feet thick trending approximately N. 60° E., 55° SE.

The manganese bed is composed entirely of oxides and hydroxides (?). No silicate—either manganese or other—was visible along 30-foot exposure of bed. No sediments are included in bed where there is manganese. There is one break in the outcrop of about 3 feet. The bed is very sharply delineated from the country rock by a sharp contact. There is no gradation. Rhodonite was looked for but not found. Unreplaced country rock is not present.

A grab sample from part of the exposed outcrop was sent to Abbot A. Hanks, Inc. Mn was 48.96%, Fe-0.81% and Si-26%.

It is likely that this deposit represents a true sedimentary "bog" manganese deposit although the lack of any clay, sand, etc. in the bed is unusual. The ore does not appear to be nodular, but is massive.

A grab sample from various parts of the bed (PG-394, P-19172) ran:

<table>
<thead>
<tr>
<th>LOI</th>
<th>SiO2</th>
<th>P2O5</th>
<th>Fe</th>
<th>Mn</th>
</tr>
</thead>
<tbody>
<tr>
<td>20.31%</td>
<td>7.6%</td>
<td>0.077%</td>
<td>1.33%</td>
<td>47.4%</td>
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</table>

Visited: Dec. 1, 1955  
Report by: Max Schafer 1-5-56.
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 as fully as possible and submit this blank filled out along with the sample.

Your name in full: Max Schafer (DCGAMI)

Post office address: P.O. Box 417 Grants Pass, Oregon

Are you a citizen of Oregon? Yes Date on which sample is sent: 12-2-55

Name (or names) of owners of the property: L. C. Gale

Are you hiring labor? No Are you milling or shipping ore? No

Name of claim sample obtained from: Sitting Duck #1

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: Tillamook

Township: 30 Range: 3 W Section: 19 Quarter section:

How far from passable road? On Forest Service road Name of road

Channel (length) Grab Assay for Description

Sample no. 1 __________________ x Mn,Fe,SiO₂, P,LOI on dry sample, Spec.

Sample no. 2 __________________ Sample from points on 6' + bed

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

(Signed) Max Schafer

DO NOT WRITE BELOW THIS LINE - FOR OFFICE USE ONLY - USE OTHER SIDE IF DESIRED

Sample Description: Black Mn oxides & hydroxides—wad. No silicates apparent.

<table>
<thead>
<tr>
<th>Sample number</th>
<th>GOLD oz./T. Value</th>
<th>SILICA SiO₂</th>
<th>PHOSPHORUS P₂O₅</th>
<th>IRON Fe</th>
<th>MANGANESE Mn</th>
</tr>
</thead>
<tbody>
<tr>
<td>P-19172</td>
<td>- - - -</td>
<td>20.31%</td>
<td>7.60%</td>
<td>1.33%</td>
<td>47.40%</td>
</tr>
<tr>
<td>PG-394</td>
<td>- - - -</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Report issued Card filed Report mailed 12-29-55 Called for

SIR-5
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 as fully as possible and submit this blank filled out along with the sample.

Your name in full: Max Schaber (DOSAMI)

Post office address: Grant Pass

Are you a citizen of Oregon? yes Date on which sample is sent: 12/29/55

Name (or names) of owners of the property: L.C. Gale

Are you hiring labor? no Are you milling or shipping ore? no

Name of claim sample obtained from: Sitting Duck #1

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: Iller-Drew

Township: 30 S Range: 30 W Section: 19 Quarter section: __________________________

How far from passable road? On Name of road: __________________________

Channel (length) Grab Assay for Description
Sample no. 1: Y Mn, Fe, Si, Ro

Sample no. 2: (Samples for assay should be at least 1 pound in weight)

(Signed): M.S.

DO NOT WRITE BELOW THIS LINE - FOR OFFICE USE ONLY - USE OTHER SIDE IF DESIRED

Sample Description: Black mnr oxide + hydroxide - wad, No indications apparent

<table>
<thead>
<tr>
<th>Sample number</th>
<th>GOLD</th>
<th>SILVER</th>
<th>Mn</th>
<th>Fe</th>
<th>SiO₂</th>
<th>PO₄</th>
</tr>
</thead>
<tbody>
<tr>
<td>PE-394</td>
<td></td>
<td></td>
<td>47.40%</td>
<td>1.33%</td>
<td>7.60%</td>
<td>0.077%</td>
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