

1/5/52

L.C. Gale Sifting Duck Mn.
sec. 19, R3W, T30S?

Stringer exposed downhill for
30'. Replacement of chert.
Some seams of solid mn
oxides surrounding pods of
mn-st chert. Red pinches
& swells - 1-4' in exposure.
Out of 4' = 2½' good mn-
ore. Wallrock is chert.
Wallrock heavily stained.
Different from ~~the~~ pod above.
Same attitude but off line
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 coretal core
drilling. ~~Check~~ Then if
pod goes to depth (100') uphill
exploration should be done.

CRIB MINERAL RESOURCES FILE 12

RECORD IDENTIFICATION

RECORD NO..... M061205
 RECORD TYPE..... X1M
 COUNTRY/ORGANIZATION. USGS
 MAP CODE NO. OF REC..

REPORTER

NAME..... JOHNSON, MAUREEN G.
 UPDATED..... 81 04
 BY..... FERNS, MARK L. (BROOKS, HOWARD C.)

NAME AND LOCATION

DEPOSIT NAME..... SITTING DUCK

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..... 00

QUAD SCALE QUAD NO OR NAME
 1: 62500 DAYS CREEK

LATITUDE LONGITUDE
 42-57-09N 123-06-34W

UTM NDRTHING UTM EASTING UTM ZONE NO
 4755329.2 491077.4 +10

TWP..... 30S
 RANGE..... 03W
 SECTION.. 19
 MERIDIAN. W.M.

COMMODITY INFORMATION

COMMODITIES PRESENT..... MN

OCCURRENCE(S) OR POTENTIAL PRODDUCT(S):
 POTENTIAL.....
 OCCURRENCE..... MN

ANALYTICAL DATA (GENERAL)
SURFACE DRE 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 DREBODY..... N60E
DIP OF DREBODY..... 55SE

DESCRIPTION OF WORKINGS
SURFACE

COMMENTS (DESCRIP. OF WORKINGS):
OPEN CUT 10 FEET DEEP

PRODUCTION

NO PRODUCTION

23 DRE 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: DOTHAN
AGE: JUR

GENERAL REFERENCES

1) RAMP, L., 1972, GEOLOGY AND MINERAL RESOURCES OF DOUGLAS COUNTY, OREGON; ODGMI BULL. 75, P. 46

State Department of Geology and Mineral Industries

702 Woodlark Building
Portland 5, Oregon

SITTING DUCK #1 (manganese)

Douglas County
Tiller-Drew Dist.

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, $\frac{1}{2}$ 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 ~~xxx~~ (PG-394, P-19172) ran:

LOI	SiO ₂	P ₂ O ₅	Fe	Mn
<u>20.31%</u>	<u>7.6%</u>	<u>0.077%</u>	<u>1.33%</u>	<u>47.4%</u>

Visited: Dec. 1, 1955, Jan. 5+12, 1956
Report by: Max Schafer 1-5-56.

PG-394
 Mn, Fe, P, SiO₂
 LOI, Spec.

2033 First Street
 Baker, Oregon

STATE DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
 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 as fully as possible and submit this blank filled out along with the sample.

Your name in full Max Schafer (DOGAMI)

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 Tiller-Drew

Township 30 S 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.

LOI

Sample number	GOLD		SILVER		SILICA SiO ₂	PHOSPHORUS P ₂ O ₅	IRON Fe	MANGANESE Mn
	oz./T.	Value	oz./T.	Value				
P-19172 PG-394	- - -	- -	- - -	20.31%	7.60%	0.077%	1.33%	47.40%

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

Copy & Enclose

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How far from passable road? On forest serv. road Name of road _____

Channel (length) Grab Assay for Description

Sample no. 1 _____ X Mn, Fe, SiO₂, P₂O₅

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 mn oxides + hydroxide - wad,
No silicates apparent

Sample number	GOLD		SILVER		Mn	Fe	SiO ₂	P ₂ O ₅
	oz./T.	Value	oz./T.	Value				
<u>PG-394</u> <u>P-19172</u>					<u>47.40%</u>	<u>1.33%</u>	<u>7.60%</u>	<u>0.077%</u>

Report issued _____ Card filed _____ Report mailed 12/29/55 Called for _____