

MANSFIELD MINE

Results of Mill sampling to October 10, 1940.

Sample No.	Channel Cut Assay value	Tons Milled	Milled Assay Value
1	\$1.05	³ (5.0)	\$3.50 = ⁴⁴² 17.50
2	0.70	3.71	3.14 = 11.65
3	2.45	3.17	2.95 = 9.35
4	0.70	3.33	3.22 = 10.62
5	2.10	4.83	2.81 = 13.57
6	0.70	2.14	2.76 = 8.90
7	0.70	3.83	4.05 = 15.51
8	2.45	3.38	2.74 = <u>9.26</u>
9	0.70 $\frac{10.85}{8} = 1.35$	(6.85) <u>29.39</u>	Assays not completed
10	1.05	3.77	Not yet milled

$\frac{93.36 \text{ tons} \times \text{average}}{29.39 \text{ tons}} = 3.177 \text{ average per ton.}$

For the past week have been milling assays. These are not usable as samples but will give us some idea of what can be expected from the richer spots and some idea of mill performance on higher grade ore.

Frank Sample

(to be added to Mansfield Mine Report)

The mechanical washing plant operation was abandoned in early summer of 1940. It is reported that the property was tested for a "large low-grade" by Portland interests but no further data could be obtained. (R.C.T. Mar. 3, 1941)

1* Name of property - location of site, size of area, etc.

2* General description and extent of mineral resources, including known reserves, etc.

3* Development: number of levels, nature of shafts and cross-roads, etc.

4* History of production:

5* History of property, lease and record:

- 6* Name of property
- 7* Address
- 8* Location of property
- 9* Name of owner
- 10* Name of lessee
- 11* Name of agent
- 12* Name of engineer
- 13* Name of geologist
- 14* Name of assayer
- 15* Name of chemist
- 16* Name of physicist
- 17* Name of biologist
- 18* Name of geophysicist
- 19* Name of metallurgist
- 20* Name of mineralogist
- 21* Name of petrologist
- 22* Name of paleontologist
- 23* Name of geobotanist
- 24* Name of zoologist
- 25* Name of ecologist
- 26* Name of environmentalist
- 27* Name of climatologist
- 28* Name of hydrologist
- 29* Name of oceanographer
- 30* Name of atmospheric scientist
- 31* Name of earth scientist
- 32* Name of planetary scientist
- 33* Name of solar scientist
- 34* Name of space scientist
- 35* Name of astronaut
- 36* Name of cosmonaut
- 37* Name of astronaut
- 38* Name of cosmonaut
- 39* Name of astronaut
- 40* Name of cosmonaut

RECORD IDENTIFICATION

RECORD NO..... M061417
 RECORD TYPE..... X1M
 COUNTRY/ORGANIZATION. USGS
 MAP CODE NO. OF REC..

REPORTER

NAME..... JOHNSON, MAUREEN G.
 UPDATED..... 81 01
 BY..... FERNS, MARK L.; (BROOKS, HOWARD C.)

NAME AND LOCATION

DEPOSIT NAME..... MANSFIELD
 MINING DISTRICT/AREA/SUBDIST. GOLD HILL
 COUNTRY CODE..... US
 COUNTRY NAME: UNITED STATES
 STATE CODE..... OR
 STATE NAME: OREGON
 COUNTY..... JACKSON
 DRAINAGE AREA..... 17 ROGUE RIVER
 PHYSIOGRAPHIC PRDV..... 13 KLAMATH MOUNTAINS
 LAND CLASSIFICATION..... 01

QUAD SCALE	QUAD NO OR NAME	
1: 62500	MEDFORD	
LATITUDE	LONGITUDE	
42-24-48N	122-58-52W	
UTM NORTHING	UTM EASTING	UTM ZONE NO
4695450.0	501550.0	+10

TWP..... 36S
 RANGE..... 02W
 SECTION.. 30

LOCATION COMMENTS: CEN

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:

PLACER

FORM/SHAPE OF DEPOSIT: RESIDUAL SOIL

SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL?

MAX THICKNESS..... 6 FT

DESCRIPTION OF WORKINGS

COMMENTS (DESCRIP. OF WORKINGS):

1/2-YD SHOVEL (&SHAFTS)

PRODUCTION

YES

SMALL PRODUCTION

23 AU, SML

SMALL?

PRE 1940

AU

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... PERM-TRI

HOST ROCK TYPES..... METAVOLCANICS

IMPORTANT ORE CONTROL/LOCUS.. RESIDUAL ENRICHMENT FROM POCKET GOLD VALUES CONSTANT

GEOLOGICAL DESCRIPTIVE NOTES. BEDROCK IS SILICIFIED METAVOLCANICS

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES

1) NAME: APPLIGATE GROUP

AGE: PERM-TRI

GENERAL COMMENTS

AN ATTEMPT WAS MADE TO PLACER RESIDUAL SOILS OVERLYING HIGHLY SILICIFIED METAVOLCANICS

GENERAL REFERENCES

1) OREGON METAL MINES HANDBOOK, 1943, ODGMI BULL. 14-C, VOL. 2, SEC. 2, P.91