MANSFIELD MINE

Results of Mill sampling to October 10, 1940.

Sample No.	Channel Cut Assay value	Tons Milled	Milled Assay Value
1	$1.05	(5.0)	$3.50 = 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 = 5.90
7	0.70	3.83	4.05 = 15.51
8	2.45	3.38	2.74 = 9.26
	10.85 / 8 = 1.35	29.39	93.36
9	0.70	(6.85)	Assays not completed
10	1.05	3.77	Not yet milled

93.36 tons x assay = $3.177 average per ton.
29.39 tons

For the past week have been sinking Sampson. These are not usable as samples but will give one some idea of what can be expected from the ordinary spot and some idea of what percentages are higher grade ore.

John C. Lloyd.

Mansfield Mine — Gold Hill area.

(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)

CRIB MINERAL RESOURCES FILE 12

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 PROV..... 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):

EXPLORATION AND DEVELOPMENT
STATUS OF EXPLOR. OR DEV. 8

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: APPLEGATE GROUP
AGE: PERM-TRI

GENERAL COMMENTS
AN ATTEMP 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