

HACKLER HEIGHT PLACER

RIDDLE DISTRICT

Owner: Earnest D. Riddle, Riddle, Oreg. Sold to J. T. Hubbard and associates of Riddle on a purchase contract.

Location: SE $\frac{1}{4}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 32, T. 30 S., R. 6 W., and Lots 2 & 3, sec. 5, T. 31 S., R. 6 W., on ridge between Council and Cow Creeks; 5 $\frac{1}{2}$ miles southwest of Riddle.

Area: 166.24 acres of patented ground.

History: This property was taken as a homestead. Later placer gold was found which has been worked in a small way for years. Mr. Hubbard is the first to try it on a large scale.

Geology: The gold is fine and closely associated with quartz, in fact the presence of gold can almost be determined by the presence of quartz. This gold has been deposited in the Umpqua formation. The bedrock is conglomerate. 100 acres of possible placer ground indicated but not tested. In one place it shows to be 60 feet deep. The values are fairly well distributed throughout the gravel with very little overburden. Gold runs about 900 fine.

Mining Conditions: 3 $\frac{1}{2}$ miles of ditch was constructed to bring water from Council and Cold Creeks to the property under a 200 ft. head. Mr. Hubbard thinks he will have enough water for a 3 to 3 $\frac{1}{2}$ nozzle ~~but~~ Not enough snow to interfere in the November to May mining season.

Equipment: No. 1 giant and 800 ft. of 10-24 inch pipe. Mountain topography. Elev. 1400 ft. aneroid. Timber on about half of the placer ground.

J.E.M. 8/1/39.

RECORD IDENTIFICATION

RECORD NO..... M061220
RECORD TYPE..... XIM
COUNTRY/ORGANIZATION. USGS
MAP CODE NO. OF REC..

REPORTER

NAME..... JOHNSON, MAUREEN G.
UPDATED..... 81 05
BY..... FERNS, MARK L. (BROOKS, HOWARD C.)

NAME AND LOCATION

DEPOSIT NAME..... HACKLER HEIGHT PLACER

COUNTRY CODE..... US
COUNTRY NAME: UNITED STATES

STATE CODE..... OR
STATE NAME: OREGON

COUNTY..... DOUGLAS
DRAINAGE AREA..... 17100302 PACIFIC NORTHWEST
PHYSIOGRAPHIC PRDV..... 13 KLAMATH MOUNTAINS
LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME
1: 62500 CANYONVILLE

LATITUDE LONGITUDE
42-54-48N 123-25-54W

UTM NORTHING UTM EASTING UTM ZONE NO
4751063.1 464756.1 +10

TWP..... 30S
RANGE..... 06W
SECTION.. 32
MERIDIAN. WILLAMETTE

LOCATION COMMENTS: S 1/2

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU

PRODUCER(PAST OR PRESENT):
MAJOR PRODUCTS.. AJ

ORE MATERIALS (MINERALS,ROCKS,ETC.):

Riddle

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:

PLACER

FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL
MAX THICKNESS..... 60 FT

DESCRIPTION OF WORKINGS

SURFACE

COMMENTS(DESCRIP. OF WORKINGS):

DITCH 3 1/2 MI., PIT?

PRODUCTION

YES

SMALL PRODUCTION

ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)

23 AU, SML SMALL 1930'S AU

PRODUCTION COMMENTS.... MINED IN A SMALL WAY FOR SEVERAL YEARS CIRCA 1930'S

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... QUAT
HOST ROCK TYPES..... BENCH GRAVELS

IMPORTANT ORE CONTROL/LOCUS.. GOLD IS CLOSELY ASSOCIATED WITH DETRITAL QUARTZ FRAGMENTS. NO INFO ON COMPOSITION GRAVELS

GEOLOGICAL DESCRIPTIVE NOTES. OVERLIES CONGLOMERATE OF UMPQUA FM.

GENERAL REFERENCES

1) RAMP, L., 1972, GEOLOGY AND MINERAL RESOURCES OF DOUGLAS COUNTY, OREGON; DDGMI BULL. 75, P.37