

State Department of Geology and Mineral Industries PSM
MS

702 Woodlark Building
Portland, Oregon

FLEMING PLACER

RECEIVED
FEB 3 1948
STATE DEPT OF GEOLOGY
& MINERAL INDS.

Waldo Mining District
Josephine County

Forward: The main purpose in visiting this property was to check the location of the Fleming claims. Mr. Fleming is in the process of re-locating the claims by legal subdivisions preparatory to obtaining patents. The check was made to determine if the claims, as proposed, would embrace all of the placer ground desired.

Owner: Robert H. Fleming, Holland, Oregon

Location: E $\frac{1}{2}$ Sect. 9; T 40 S; R 7 W. The claims are located along Althouse Creek from a point a few hundred feet below the mouth of Tartar Creek and extending upstream to Sect. 16/

Area: 4 full claims and a fraction

History: Unknown.

Development: None. The number and condition of ditches is not known.

Geology: This placer is essentially of the flat type although short gulches along the sides of the valley have been worked previously and presumably could be worked again. There are no test pits on the property thus the character of the deposit can only be inferred from the exposures in and along the stream bed.

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Geology, cont.: The country rock throughout the area of these claims is a "greenstone". It is a hard, massive, gray-green rock which is presumed to belong to the same metavolcanic series as mapped by wells (USGS-1940) in the adjoining, Grants Pass, Quadrangle. A few minor areas of serpentine are also present. The massive, blocky jointing of the greenstone favors formation of large boulders.

The lower two claims and the fraction appear to have much the same type of placer material. The bulk of the material appears to be under 12" in diameter with 1' to 2' boulders common. A very few boulders ranging from 2' to 15' in diameter are present. The flat-lying placer ground is estimated to average 75' - 100' ^{in width.}

The upper two claims are similar as to the type of placer material available. The bulk of these gravels appear to be under 10" in diameter with a few boulders ranging up to 3'. The flat-lying placer ground is estimated to average 50' - 75' in width. "Ribs" of bedrock are well exposed along the sides of the present stream bed in these two claims.

Equipment: None.

Report by: H. D. Wolfe
Date visited: Jan. 16, 1948
Date of report: Jan. 27, 1948
Informant: Robert H. Fleming

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Economics: Property immediately below the lower claims is reported to have run 60¢/yd. The gold is said to be coarse and to be on or slightly above bedrock.

Little definite can be said in regard to the possibilities of the Fleming property inasmuch as no testing has been done. The depth of the gravels has not been determined but it is probable that the average is less than 10' in the upper two claims and less than 15' in the lower claims. As it stands, the property is a prospect for a small hydraulic operation.

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