

State Department of Geology and Mineral Industries

702 Woodlark Building
Portland, Oregon

Report by: Randall E. Brown
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Glade Creek Quicksilver

Gold Beach Area

Curry County

The Glade Creek quicksilver prospect is located on Glade Creek on the southeast edge of the Red Flat area near the North Fork of the Pistol River. The area, lying within a large serpentine area, is claimed to run a minimum of 7 to 8 pound of quicksilver per ton of rock over a considerable distance.

Operator: Lon Shannon, Wedderburn, Oregon in charge of the operations
R.I. McWilliams, Wedderburn, Oregon, in charge of the plant.

Owner: M.C. Chapin and family, Pistol River, Oregon

Area: An association placer claim of 160 acres by W.L. Chapin, J.F. Chapin, L.H. Chapin, C.R. Chapin, Jewel Drake, Maynard Drake, Rose Chapin, and M.C. Chapin. Property located in 1935.

Location: Located on the southeast side of the Red Flat area on a tributary of the North Fork of the Pistol River, known as Glade Creek, about three miles northeast from the junction with the Pyramid Rock road. Claim is described as follows:

Northwest corner is 300 feet west of Glade Creek, and $3/4$ mile due south of Pyramid Rock. From the northwest corner 2640 feet due south, 2640 feet across Glade Creek east, due north 2640 feet to the northeast corner and 2640 feet west to the northwest corner.

Prospect is about ten miles from U.S. Highway 101, the Oregon Coast Highway, on the Pyramid Rock lookout road to the mouth of the Pistol River, and from that point approximately 50 miles north of Crescent City, California and 93 miles south of Coquille, Oregon.

Prospect is believed to be in the corner formed by the junction of Sections 19, 20, 29, 30, T. 37 S., R. 13 W.

History: Property was filed for placer claims in 1935 by M.C. Chapin. For a period of several years it has been prospected for quicksilver, and at the present time some construction work is being done on buildings and equipment. Exploration work has supposedly disclosed a considerable body of native quicksilver ore covering a large area.

Topography: Prospect is accessible by about a three mile road to the east of the Pyramid Rock road. Prospect is on Glade Creek, a stream with a sizeable flow of water throughout the year. The road from Glade Creek to the top of Red Flat cannot be used in rainy weather at the present. Timber is accessible, undergrowth is scarce.

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Glade Creek Quicksilver (continued)

Development work: According to various persons interested in the property, the prospect has been thoroughly sampled over a period of three months. Samples have all been surface samples, no drill samples or test pitting has been done.

A 12 foot overshot water wheel run by water transported by flume runs a 22 H.P. generator, used for lighting and will be used to run the mill.

A mess house has been nearly completed. Foundations and the frame of the mill have been set up. Work has progressed slowly because of the recent wet weather.

Geology: The country rock of the area is serpentine, similar to the entire Red Flat area, deeply weathered to a clay soil, frequently very red in color. Unaltered outcrops of pyroxenite and peridotite, dunite and diabase appear throughout the area. Chromite occurs in a zone trending northeast-southwest and crosses Glade Creek near the site of the mill. No work has been done on the chromite exposures, and there is no indication that there is any material deposit of the chromite.

According to those interested in the property, the quicksilver may be found in the altered rock, in the solid serpentine, may be panned out of the soil or out of the creek bed, in all cases as native quicksilver. According to frequent statements, the quicksilver may occasionally be found as minute globules within a rock.