

State Department of Geology and Mineral Industries

702 Woodlark Building
Portland, Oregon

Examined by N. S. Wagner
Date: Sept. 25, 1944

THE WILSON CREEK PLACER (Kulis Mine). (Quartz, gold and placer)

NAME OF PROPERTY: B. F. Kulis Mine

LOCATION: Township 10, S., R. 39 E., Section 4 $W\frac{1}{2}$

OWNER: Mr. B. F. Kulis, 2520 Seventeenth Street, Baker, Oregon

GEOLOGY: This property is part of the very extensive area around Auburn which was intensively placered in the early days of Oregon mining. The present claim includes remnants along Wilson Creek which were not placered in the early days. The extensiveness and grade of these remnants has not been adequately established. Some small scale hydraulic mining has been done during the past few years by way of prospecting. Operations are handicapped by the fact that water from the old Auburn ditch is available only for a few months in the spring. Values from such prospecting as has been done have proven encouraging. Although some of the gold recovered was characteristic placer gold much of it appears to be quartz gold which has not been subjected to much stream action. The hydraulicing which has been done has revealed one small vein which has been developed by an open cut some 30 feet long and 15 feet deep at its deepest point. The vein here is a dense quartz locally exhibiting a comb structure. It strikes north-south and dips steeply to the west and has been found to vary in width from just a narrow seam to as much as 14 inches. It occurs in the Elkhorn Ridge argillite. Gold has been found in much of this quartz but panning indicates that the gouge associated with this quartz seems to carry most of the gold, particularly in areas where the quartz is shattered. No surface prospecting has been done to show the lateral extent of this vein and much will necessarily have to be done to show whether this

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The Wilson Creek Placer (Kulis Mine) Continued

is just a local pocket occurrence or a more extensive vein. It is the writer's opinion that this occurrence will prove to be of rather limited extent as pockets in small stringers of limited extent have been frequently found in this general vicinity.

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