

LUCKY QUEEN MINE (gold)

GRANTS PASS DISTRICT

Owner: J. R. Rush, Route 1, Box 718, Grants Pass, Oregon.

Location: W $\frac{1}{2}$ SE $\frac{1}{4}$, sec. 31, T. 34 S., R. 5 W.

Area: 6 claims, held by location, first papers dated 1899, location changed Feb. 18, 1901.

History: Reported by Parks & Swartley. Lucky Queen, Double Eagle, Eagle's Wing, Queen's Servant, Lozier I & II. Originally worked "way back" with considerable money taken out before Rush located in 1899.

Development: Lucky Queen adit 500' of which last 100' is caved, raise 65' to adit above about 400' from portal. Upper tunnel is now caved, was 35'-40' long. West side adit is 200' long, with one 20' drift. Double Eagle adit 120' to the ledge, plus 150' of drift on the ledge, ready to stop, with a 65' raise to surface. This one is all open. 40' adit to "porphyry vein" with 30' of drift. There is a 200' adit on the Lozier claims, now caved.

Equipment: 750' rail light weight, one 2/3 ton ore car, 3 cyanide tanks that will hold ton each.

Geology: Lucky Queen dike is 40' wide, trends NE-SW, dips E. about 80°. Double Eagle ledge is between diorite walls, NE-SW, dips E. about 80°. Lozier dike is 20'-50' wide, a talc dike, N-S, dips E. about 80°. Ore is base, some free, mostly telluride ore. Metallization is both in quartz in shear zone. Lucky Queen dike is in shear zone that is metallized.

Economics: Aim to do some cyaniding this summer.

Informant: J. R. Rush, 3/28/40

Report by: RCT.

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STAT GEOLOGY