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High Grade Warner Mine in Jackson County Has New 300-ft. Tunnel

The Warner Mine, a small high grade gold deposit, located at the head of Last Chance Creek just south of the Starveout Creek-Grave Creek divide has been worked off and on over a period of about 40 years. Present owners of the mine are A. M. Ropp and J. C. Wells of Albany, Oregon and the mine is under lease to M & B Logging Co. of Canyonville (Markham brothers and Brown brothers). Ken Brown and Don Warner are carrying on the mining operations. They have driven a new 300-foot tunnel under the

old workings and are currently drifting on the vein.

The main mineralized vein strikes about N. 25 degrees W. and dips steeply to the northeast. Thickness of the vein will average about 2½ feet. The vein is in a contact zone between metagabbro and serpentine. The gold occurs both as free-milling and combined with arsenopyrite. Gangue material in the vein includes sheared metagabbro and serpentine along with seams of calcite, a minor amount of quartz and occasional lenses of sulfides, largely arsen-

opyrite with lesser pyrite and rare chalcopyrite. Values in the vein are quite variable. Assays of ore samples obtained through the state are from a few dollars to better than \$4,000 a ton in gold. A sample of mill concentrates obtained in 1957 assayed \$8,811.30 in combined gold and silver values per ton.

The present operators have installed a new mill a short distance below the mine on Last Chance Cerek. Some mill testing has been done, and further work on the mill is anticipated before they go into full production.