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Deer Trail - GEYSER RANCH AREA

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Item 21

The Deer Trail claims (known in 1918 as the Georgie W.) are on the east side of the Shell Creek Range about 5 miles northwest of the Geyser Ranch. A steep, unimproved road 4.5 miles long extends from U. S. Highway 93 at a point 0.5 mile north of the Geyser Ranch house west to the top of a long alluvial fan within a half mile of the claims. The prospects are on the north side of a canyon with a flowing stream. The claims were re-located in 1940 by A. A. Mortenson of Shoshone, Nevada, and in 1942 were held on lease by E. R. Wagner.

Huebnerite and a trace of scheelite occur in a quartz vein 2 to 3 feet wide that strikes easterly and dips 40° SE. The wall rock is thin-bedded Prospect Mountain quartzite of Cambrian age. The vein is exposed in 17 trenches, a 30-foot adit, and several shallow shafts. For 300 feet west from the adit, which is the lowest exposure of vein, some huebnerite is found in each of the cuts, which are spaced at intervals of 20 to 30 feet. A chip sample along 15 feet of vein 2 feet wide exposed in the adit gave 0.21 percent of WO_3 ; a grab sample of fines from the dump of this adit gave 0.21 percent of WO_3 ; and a chip sample from a pile of sorted ore gave 2.18 percent of WO_3 . Samples taken by Mr. Wagner from surface cuts were reported to assay 0.93 percent of WO_3 .