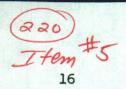
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CLIFFORD DISTRICT

LOCATION

The Clifford district is confined to a small area surrounding the Clifford Mine in the northeast quarter of Section 3, Township 3 North, Range 49 East, Nye County. The district includes a small hill which lies at the edge of Stone Cabin Valley about two miles northwest of the margin of the northern Kawich Range. Workings of the Clifford Mine cover most of the hill; the workings are about one and three quarters miles south of U.S. Highway 6 and can easily be seen from the highway.

HISTORY

Silver was discovered at Clifford in December 1905. There was considerable activity in the camp during 1906 and 1907 and the population peaked in 1908 (Paher, 1970). The camp declined after that date. Western Gold Corporation acquired the Clifford properties in 1925 and the mines were operated intermittently by the company and by lessees until 1946 (Kral, 1951). The district is credited with slightly over \$500,000 n production (Kleinhampl and Ziony, 1984). There has been some exploration activity at Clifford in the past few years and new claim staking was noted in the district in October 1985.

GEOLOGIC SETTING

Much of the bedrock in the Clifford district is concealed by alluvium and gravel derived from the Kawich Range. Outcrops are Tertiary volcanic rocks, chiefly rhyolitic pyroclastic rocks and andesite. The pyroclastic material is chiefly ash-flow tuff and breccia (Kleinhampl and Ziony, 1984). The district lies along a major fault that bounds the resurged Kawich caldera as shown by Ekren and others (1976). Mapping in the area by Gardner and others (1980), however, places the Clifford district well to the north and outside of the caldera.

ORE DEPOSITS

The account by Ferguson (1916) remains the best description of the Clifford deposit, and it is summarized below.

Most of the work in the district was done on oxidized ores near surface. The hill at Clifford is covered with small shafts and irregular inclines where rich streaks were followed for short distances. A 200-foot shaft on the western point of the hill reached the sulfide zone, but is reported to have disclosed no definite orebodies. The ore of the shallow workings consists of heavily iron-stained tuff cut by small quartz veins that contain small irregular masses of limonite. The richer ore contains cerargyrite and some minute threads of native silver; some cerargyrite occurs in minute veinlets of light-brown jarosite. Rare specks of a silver sulfide mineral and pyrite occur in some oxidized ore and free gold can be obtained by panning the richer ore.

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