

- taken from NBME OFR 81-4

(1981) See also 81-3 for
geochemical results. Ferguson Spring

(57)

Item 1

1830 0001

The Ferguson Spring district covers Ferguson Mountain, a peak east of the southern portion of the Goshute Range, and part of Ferguson Flat to the east. Copper-silver deposits are said to have been discovered in the district prior to 1880. Most of the past mining activity has centered around the Dead Cedar Mine in the western part of the district, but a massive manganese-iron gossan has been explored by shallow cuts and adits near Ferguson Spring, and small prospects in limestone have been explored on the east side of Ferguson Mountain. No activity at any of these locations was noted at the time of this examination.

Outcrops at the Dead Cedar and Ferguson Springs workings are marked by prominent manganese-iron gossans. The gossans contain jasper, are laced with silica veinlets and clots of white barite crystals.

The old prospects on the east flank of Ferguson Mountain explore narrow jasper replacement cones in limestone along northeast trending fault zones. A kaolinized porphyry dike was noted in the footwall of the fault zone near the easternmost prospect shaft.

Selected References:

Hill, J. E. (1916) Notes on Some Mining Districts in Eastern Nevada.

U.S. Geol. Survey Bull. 648.

Smith, R. M. (1976) Mineral Resources of Elko County, Nevada.

U.S. Geol. Survey Open-file Rpt. 76-56.