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Nye County  
Item 4

PARK RANGE AREA

The Park Range is a northeast-trending volcanic ridge located in northeastern Nye County. The ridge is approximately 15 miles in length and 5 miles wide. A plateau forms the top of the ridge and attains an elevation of about 9,000 feet. Pritchards Station is located in a canyon at the southeast end of the range.

The range is almost completely underlain by rhyolitic ash-flow tuffs and dacitic to andesitic lavas of Tertiary age. The flows are inclined moderately to the southeast, cut by numerous high-angle faults and display prominent vertical jointing. The extreme northwest portion of the ridge is composed of a complexly faulted sequence of Ordovician through Permian carbonate and clastic rocks.

Accessibility to the interior of the range is limited, and time did not permit us to do more than a cursory examination of the area. A few dirt roads lead to springs located in the range's northern and eastern portions. We observed no signs of mineralization or alteration in the volcanics exposed along these roads. No prospects are shown on the topographic maps which cover the range (Park Mountain and Pritchards Station 7 1/2', pub. 1968) and to our knowledge there is no past history of mining in the area.

Selected Reference

Dixon, G. L., Hedlund, D. C., and Ekren, E. G. (1972) Geologic map of the Pritchards Station quadrangle, Nye County, Nevada: USGS Misc. Geol. Invest. Map I-728.

See also 83-2 for geochemical results.

J. Tingley + J. Bentz (1982) Mineral Resources of Egan Res. Area: NBMG OFR ~~82-9~~ 83-1