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Papoose district (Tschanz and Pampeyan, 1970, p. 176-178)

The mineralized area is on the east side of the Papoose Range 8 miles south of Groom Lake and 13 miles south of the Groom mine. Access to this area is by the unimproved Frenchman Flat and Groom road. No description of the history and geology of the area has been published. The Kelly mine, Papoose district, is described in Appendix A, page 98.

The Papoose Range is composed of Prospect Mountain Quartzite, which appears to be complexly faulted. Tertiary volcanic rocks unconformably overlie the quartzite at the north end of the range and Cambrian carbonate rocks are present along the east side. A major north-trending fault east of the Kelly mine is inferred between the Prospect Mountain Quartzite and the low hills of Cambrian limestone and dolomite. In the adjacent part of the Nevada Test Site to the west, the lower Paleozoic rocks were inferred to be part of a major overthrust sheet (Johnson and Hibbard, 1957, p. 370) which rests on upper Paleozoic rocks, but the Prospect Mountain Quartzite in the Papoose Range is not part of this thrust plate. The only known deposits are in the quartzite along breccia zones or narrow fissures. The deposits probably contain only gold and silver.

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Mineral Resources of the Nellis Air Force Base
and the Nellis Bombing and Gunnery Range,
Clark, Lincoln, and Nye Counties, Nevada

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Administrative Report
1978