

4630 0007

(Washoe Co. - general)

NW-26-20

Feldspar

Item 50

(1 of 18)

Mining District: RED ROCK PEGMATITES  
(Feldspar)

T. 22 N., R. 18 E.  
Washoe County, Nevada  
USGS Dogskin Mountain 15-min. quadrangle (1957)

#### GENERAL BACKGROUND

The Red Rock Pegmatites are located on the eastern flank of Peterson Mountain, just south of Red Rock Valley. The largest pegmatites are in sections 13 and 14, T. 22 N., R. 18 E. Some production of potash feldspar was apparently made from one of the larger pegmatites in 1931. The area was not examined by the writers and this report is based upon a survey of the literature.

#### GEOLOGICAL AND TECHNICAL DATA

Irregular pegmatite bodies up to 8 feet thick occur in Cretaceous(?) granodiorite cut by aplite dikes. None of the pegmatites are reported to be complex. Quartz forms from 60 to 70 percent of the pegmatites. The remaining minerals consist of feldspar, muscovite, and traces of other minerals (1).

#### POTENTIAL FOR DEVELOPMENT

The largest pegmatite body varies in thickness from 1 to 8 feet (1). There is, therefore, not enough material present to warrant the erection of a flotation plant to refine the feldspar, and transportation of the unrefined material would not be economical under the present price structure. Consequently, to assure shipping of only the highest grade material, the feldspar would have to be handcobbled. Past production is reported to have come from a small open cut in one of the pegmatites (In 1931 a small tonnage was shipped to San Francisco).

In summation, the limited extent, haulage costs, and necessity for hand sorting make it unlikely that any feldspar production will occur in the future from the Red Rock Pegmatites.

#### COMPANIES AND CLAIMANTS ACTIVE IN AREA

Unknown, but presumably under lode mining locations.

#### SELECTED REFERENCES

1. Bonham and Papke: Geology and Mineral Resources of Washoe and Storey Counties, Nevada; Nev. Bur. Mines Bull. 70, 1969.  
(Includes Geologic Map of Resource Area)

#### FIELD EXAMINATION

Not examined.

Bennett, Dec. 1972

USGS Dogs Skin Mountain  
15-min. quadrangle (1957)

Mountain area  
(upper)

Area of Red Rock Pegmatites  
(Feldspar)

Antelope Valley

Hill Johnson Prospect  
(Molybdenum)

USGS Reno  
15-min. quadrangle (1950)

USGS Reno  
15-min. quadrangle (1950)

*Washoe Co. - general*

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Mineral Resources Inventory and Analysis

of the

Pyramid Resource Area

Carson City District  
Nevada and California

by

R. E. Bennett and H. W. Mallery

1973

*see Washoe County-general,  
file for the complete  
introduction to this report  
(0160 0035)*