taken from NBMG OFR 81-4 (1981) See also 81-3 for geochemical results.

(80)

Item 2

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Harrison Pass

The Harrison Pass district covers the east slope of the Ruby Mountains immediately north and south of the Harrison Pass road. The district is mostly within the Humboldt National Forest. Scheelite was discovered here in 1916, and tungsten ore was produced in the district during 1941-44 and 1952-53.

At the Star tungsten property, the largest of several small properties, scheelite occurs in tactite lenses which formed along bedding in limestone near its contact with a large granodiorite intrusive. The intrusive contains pyrite and clots of silicate minerals in the contact zone. Contact silicate zones do not extend for great distances into the intruded limestones, and the scheelite-bearing garnet tactite lenses are small and irregular.

In addition to tungsten, the tactite contains anomalous amounts of beryllium, tin, molybdenum, and bismuth.

Selected References:

Granger, A. E., et al. (1957) Geology and Mineral Resources of Elko County, Nevada. NBMG Bull. 54.

Johnson, A. C. and Benson, W. T. (1963) Tungsten Resources of Nevada. U.S.B.M. Unpub. Report.

Smith, R. M. (1976) Mineral Resources of Elko County, Nevada. U.S. Geol. Survey Open-file Rpt. 76-56.