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Item 22

RESOURCES REPORT

ELKO COUNTY

NEVADA

1957

Report in Elko Co. General File

The Office Of

George W. Malone

United States Senate

Nevada

Alfred Morr^{by}itt Smith
Administrative Assistant

Mimeographed - 161 pages

Harrison Pass

Tungsten

References:

Hess, F. L., and Larsen, F. S., 1922. Contact-Metamorphic Tungsten Deposits of the United States. U. S. Geol. Survey Bull. 725-D, P. 305-306.

Klepper, M. R., Star Tungsten Mine and Vicinity, Harrison Pass, Elko County, Nevada: U. S. Geol. Survey. Strategic Minerals Investigations Preliminary Map.

Granger, A. E., Bell, M. M., Simmons, G. C., Lee,

F., Geology and Mineral Resources of Elko County, Nevada. 1953 U. S. Geol. Survey and Nevada State Bureau of Mines, U. of N. Reno.

Location:

On the east slope of the Ruby Mountains about 2 miles east of Harrison Pass. The Star Tungsten Mine is in the NW 1/4 of Township 28N., R. 58E. Elko is 53 miles by gravelled road via Harrison Pass. Currie and Warm Springs, on U. S. Highway 93, are each about 40 miles by gravelled roads via Ruby Valley.

History:

Scheelite was discovered here in 1916 or 1917, but there is no recorded production prior to 1941.

Beryl was reported by Alfred Merritt Smith in minor amounts in pegmatite veins on the west side of the Ruby Mountains, in 1932, in N 1/2 of T. 29N., R. 57E., but there has been no recorded production of beryl.

The Star Tungsten Mine produced about 6000 units of WO_3 from some 6,500 tons of ore during 1941-1944.

During 1956 ore was shipped that yielded net proceeds of \$50,000 according to local report. Andrew W. Francis and George Ogilvie of Elko have interests in 12 claims from which the shipments were made. The mine had been leased by L. Thompson who mined and shipped the ore for 20 Century Fuel Company. Principal mine workings are a 400-foot tunnel, and a 100 foot shaft. During 1956-57 some 900 tons were shipped, according to George Ogilvie. 20 Century Fuels had bought Thompson's lease, but due to the unfavorable tungsten market outlook may drop it.

About a mile south of the Star Mine is the Campbell Mine; ore of about 1.0 percent WO_3 is said to be present.