

Taken from NBMG 81-4
(1981)

Elko Co.

Item 13

Pilot Peak

3610 0001

The Pilot Peak district is located at the mouth of Miners Canyon on the southeast flank of Pilot Peak in the Pilot Range about one mile west of the Utah-Nevada border. Prospect shafts in the district appear to be quite old, but the first recorded production was not until 1936. Production of gold-silver ore was minor, and no activity has been recorded since 1938.

The prospects are concentrated in Paleozoic limestone which crops out along the lower eastern flank of Pilot Peak, the Peak itself is composed of Cambrian Prospect Peak quartzite. Mineralization appears to be concentrated along N35°E fracture zones in the limestone. The limestone shows complex folding and faulting, but it not altered to any great extent. Lenses of brown, limonitic jasperoid occur along the fracture zones and thin, white calcite veinlets occur in the limestone parallel to the fracture zones.

Geochemical results from samples taken from mine dumps in the district showed high lead and zinc, some silver, and one sample showed anomalous arsenic values.

No recent exploration activity was noted in the area.

Selected References:

Smith, R. M. (1976) Mineral Resources of Elko County, Nevada.

U.S. Geol. Survey Open-file Rpt. 76-56.