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LEAD & ZINC FILES 4 207

ELKO COUNTY

MERRIMAC DISTRICT, RIP VAN WINKLE MINE

Preliminary report on the Rip Van Winkle mine, Elko County, Nevada by T. S. Lovering and W. M. Stoll, 9 pp., Jan. 1943. Location 30 miles NW of Elko (air miles).

The country rock is chiefly cherty shale, granite porphyry, intrusion breccia, and shale breccia. Most of the ore is localized along branching pre-mineral faults, in part as veins that represent filled fissures and in part as a replacement of the country rock adjacent to the veins. Nearly 30,000 tons of ore were milled in 1940 but in terms of recovered metal this ore averaged only 2.1% Pb, 1.6% Zn, 0.02% Cu, and carried 7.5 ounces of Ag and 0.0013 ounce of Au per ton.