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Item 3

UNITED STATES BUREAU OF MINES

PRELIMINARY EXAMINATION REPORTState Nevada County Lincoln Mineral Products Pb-AgName of property Groom MineOwner International Mining Corp. & Dan Sheahan Address Hiko Hiko, Nevada

Lessee or Operator _____ Address _____

Location 5 patented and 11 unpatented lode claims, Groom Mining District, T. 7 S.,R. 56 E., about 86 miles west of caliente

Sampling: No attempt was made to sample mine workings. The average assay value of ore shipped 1944, 20% Pb and 5 ounces of silver per ton, indicates the grade of ore available for shipment.

History and production Production from the district began shortly after its discovery in 1864. It was actively worked for about 5 years and abandoned. Mine was reopened about 1914 and 1915 to 1919 made a production of some \$250,000. Was acquired by Sheahan Bros. in 1937 until 1942, underground workings were rehabilitated and a 50 ton flotation mill erected and sporadic attempts were made to operate mine. During 1944, 1,169 tons of direct shipping ore was produced that had a net value of \$37,300.

Type Deposit (Geology) Rocks in the area comprise a thick sequence of limestone, shales, and quartzites which have been steeply tilted and broken by numerous faults and stratigraphically, sequence is similar to column which comprises the Pioche District. On the east side of property, formations are cut by a north trending major fault that dips 66° W. Displacement along normal fault is not known but is thought to be 3,000 feet. West of the fault, beds dip 55° E. Near top of shale-lime sequence, a thin wedge shaped segment of the Groom limestone has been brought in contact with quartzite by the fault. It is within this small wedge section that the important ore bodies have been found and roughly follow a fracture system adjacent to the major fault. This system has a general N. 10° to 20° E. trend and dips 55° to 60° E. The ore is argentiferous galena, carrying varying amounts of silver which occurs as finely disseminated replacements along the fissures in a thinly bedded limestone section near the base of the Groom series. Replaced sections vary in thickness from a few feet to 75 feet in the widest part and from 10 to 100 feet in length.

Mine Workings: Development workings comprising 2 adits, 2 shafts, and raises approximate 3,500 feet.