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Item 20

Nevada.

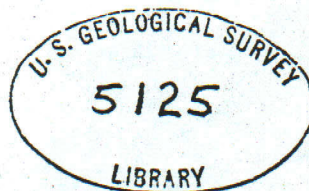
White, A.F., 1871,

THIRD BIENNIAL REPORT

OF THE

STATE MINERALOGIST.

for 1869-1870



AUG 3 1951

First report - for 1866 - No Elko County }
Second " - 1867-1868 - " " " }

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Before Mar. 5, 1869 - See Lander County.

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added to Bull Run
ELKO COUNTY

AURA (BULL RUN) DISTRICT

REPORT OF THE STATE MINERALOGIST

3rd report, 1869-1870, pp. 41-62 *A.F. White*

Mines were discovered in this district June 13, 1869; the district was organized June 21, 1869.

The Porter mine: located June 22, 1869; 1200' claimed; course N; dip E 60°. *This mine is opened in places through a distance of 650'.* Deepest opening 25'; width of vein 2½'; country rock limestone. Ore yields by mill process \$241.80 per ton; carries lead, antimony, iron, and copper. The Central and Calaveras are on a parallel vein west of the Porter; vein is 2' wide; ore similar to Porter. *and has a seam of sand on the east wall.* The Nevada, Johnson, Norwich, Found Treasure, Monument and Blue Jacket all located in June-August and contain 1-2,000' in each claim and are not extensively developed; in limestone formation; vary in width from 4-10'; selected ore yields from \$103-\$400 per ton in silver. In the Johnson the ore carries some gold about \$25 per ton; some copper, lead, iron, and antimony.

O.K.: located July 17, 1869. 1400' claimed, course north; width 6" at surface and 18" at depth of 40'; country rock is calcareous slate; vein dips E 50°. *stone* Selected ore yielded \$900. The Pennsylvania is similar in every respect to the O.K. The New Light was located Aug. 20, 1870; 1400' claimed; vein is 22" wide; dips E 55°. The Potosi, the Fifteenth Amendment, the Pittsburgh and other mines in the hill are very similar to those described. The whole hill shows a series of ledges varying to 4' in width running N and dipping E, and producing high grade ores. Three hundred pounds of selected ore from the O.K. yielded \$820 in silver and carried 9% in copper.