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Item 20

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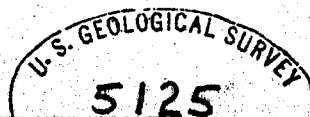
White, A.F., 1871,

## THIRD BIENNIAL REPORT

OF THE

## STATE MINERALOGIST.

for 1869-1870



## KINGSLEY DISTRICT.

This district is situated in the Antelope Mountains, on the eastern slope, about ten miles north of the old Overland stage road. The mines were discovered by Mr. Felix O'Neil, in December, 1862. The district was partially organized, as far as it was possible under the circumstances, and called Antelope District. Mr. O'Neil did several days work when he first discovered the mines, and in the spring of 1863 returned with men, and labored for near a month in running a tunnel. He was then driven from the mines by the Mormons. Thus abandoned, nothing further was done until the district was again discovered, probably in 1865, by Mr. George Kingsley, a soldier, and afterwards reorganized as the Kingsley District. It is in the second range of mountains east of Egan Canon. There is an abundance of wood and grass; water is found in springs, but not in large quantities. It is rather scarce for mining purposes. A tunnel (the O'Neil) passes through granite one hundred and forty-three feet, to intersect the ledges. The hill has a capping of limestone, and the veins crop through this as the country rock. They are from three to five feet wide. The ore is found in seams and bunches.

From the Emmet No. 1, assays were made showing \$64 in silver and \$10 in gold per ton. From Emmet No. 2, the assays showed \$70 in silver, \$10 in gold. From Emmet No. 3, the assays showed \$80 in silver and \$10 in gold, and from Emmet No. 4, \$93 in silver and \$10 in gold. No. 5 produced ore assaying as high as \$243 25 in silver. Several shafts have been sunk to the depth of fifteen or twenty feet, but for the present work is suspended.

There are some fine meadow lands west of the Antelope Mountains, in Spring Valley, and also several sections of meadow and agricultural lands in Steptoe Valley, between the Egan and Schell Creek mountains. Duck Creek runs north through this valley, and affords a supply of water for stock and farming purposes.