W. I. White, A. F., 1871,

Third Biennial Report

Of the

State Mineralogist.

For 1869-1870

First report — for 1866 — No Elko County.

Second — 1867-1868 —

Before May 5, 1869 — See Lander County.
LETTER TO THE EDITOR.

These mines were located in
June, 1869. The claims contained six hundred feet each. Course, in the
northeast, about six feet. Country rock, limestone. Eight tons of
ore is selected, giving a return of $1,150. There is some lead and a trace of
gold.

The Vanderbilt, located April 12th, 1870, is opened by a shaft to the
depth of ninety feet. The ore is continuous to the depth of eighteen feet,
and is found below in bunches with traces of gold, lead, antimony and
considerable iron. The country rock is a hard, silicious limestone.

SPRING VALLEY DISTRICT.

The mines were discovered in June, 1869. The district was organized
on the 27th day of the same month. It joins Eureka district on the south
and extends further to the west. Nut pine, mountain mahogany and juniper
are very abundant. Small springs of water are found in the canons.
Bunch grass is abundant.

REEVES & BERRY MINE.

This mine was located June 24th, 1869. The claim contains one thou-
sand feet. Course, undetermined, probably, north. Dip and width unde-
termined. The ore is found in an extensive outcrop of quartz, highly
crystalized, and limestone, standing fourteen feet above the surface. The
whole mass is scamed with spar, is of a light color, but contains iron.
The ore occurs in bunches and seams through bodies of quartz, which is
hard and fiery. There are no clay linings. Seventy tons of ore, all chlor-
rives, were reduced by mill process and yielded from $74 to $600. The
quartz and country rock are considerably broken. About three hundred
tons of ore are on the dump. Two springs of water are within a mile of
the mine.

MAYOTT.

Located in June, 1869. Eight hundred feet are claimed. The course,
width and dip are undetermined. The ore occurs in an outcrop of quartz
and limestone on both sides of a little ravine. The croppings only are
worked. The ore occurs in bunches, and is very rich.

MURRY.

This mine is similar to the Mayott in all respects. A shaft is sunk to the
depth of thirty feet. The rock is broken, but ore is found in bunches.
there are other locations in this vicinity bearing the same characteristics
of the Mayott and Murry. Half a mile southwest of this group of mines, are
others.

NORTH STAR.

Located in July, 1869. One thousand feet are claimed. Course, north;
width, from two and a half to three feet. The west wall has a clay lining.
A shaft eighty feet in depth follows the ledge forty feet, where it dips
forty feet runs south sixteen feet on the ledge, which is marked
ly. The ore is chloride. Eight tons, selected, yielded $165 per ton.