

## REPORT OF

THE UTE CREEK MINING DISTRICT,  
BALDY, NEW MEXICO.

through the kindness and courtesy of Mr. George M. Tombling, President of The Black Horse Gold Mining Company, of having allowed me the use of one of his houses on The Black Horse Gold Mining Property, I have been able to make a most thorough and extensive geological survey of the Ute Creek Mining District. Having used some ninety days to perfect this investigation, I now feel that I am ready to submit a report, using The Black Horse Gold Mine as a starting point.

This Mine is located on the ridge between the head of Ute Creek, which is about 3000 feet north and The Black Horse Creek that is about 1000 feet south and east of Baldy Mountain, some 1500 feet. The said property has tunnels, shafts, drifts, and stopes to the extent of some 3500 feet. Exposing two well defined veins of gold bearing oxidized quartz porphyry ore, from 2 to 6 feet wide. I also find from surface indications that there is another vein that has not been uncovered.

This vein lying about 60 feet south of the present working. These veins can be definitely traced through the entire length of the property, which is some 5000 feet in length and the constructive formation of the mineral and the general formation of the locality, would assure me that it extends to a great depth. I find the out cropping of these veins where they extend down into the valley, which is a 1000 feet lower than the present entry of the Mine showing that they are true fissure veins in place.

Maxwell papers, UNM

To the south of this property within a distance of a mile and a half, I have found five more veins of this same nature, varying in width 3 to 8 feet. Also two porphyry dikes or chimneys, ranging in width of about 300 feet, with granite and quartzite intervening, making a net work of veins varying in width 3 to 8 feet and carrying assay values from 4 to 6 dollars in gold at grass roots.

The general formation commonly called, country rock, consists of shale and granite.

To the north of this said property the strata formation still stays in place to the distance of about 3000 feet at which place it seems to start to turn over till it is eventually in a horizontal position known as a blanket formation, in which structure the Aztec Mine is located.

The Aztec Mine, has already produced some 3 million dollars in free milling gold. In the space between The Black Horse Mine, and the Aztec Mine, there are several other rich gold bearing veins of ore. All of the creeks and gulches in this district are carrying placer gold and in many places in large paying quantities.

This is indeed a very rich gold bearing locality, and with diligent and conservative mining, should develop into a very large gold producing district.

Respectively submitted,

Wm. H. Day,

Geological Expert,

Trinidad, Colorado,

Aug. 10th., 1923.