

REPORT ON

GEOLOGICAL SURVEY OF WYOMING

THE BLANCHE PROSPECT.

~~MINE~~
~~XXXX~~

Owned by The Blanche Mining Company.

Principal office, Omaha, Nebraska.

Officers:

President, H.F. Owen, Omaha, Nebraska.

Vice President, John Wertz, Chappel, Nebraska.

Secretary, James H. Kyner, Omaha, Nebraska.

Treasurer, D.M. Owen, do.

Location, Near Rambler Mine, in Section 32, T. 14 N., R. 79 W.

District, Albany County, Wyoming.

Name and address of Superintendent & General Manager, A.H. Crow, Encampment, Wyo.

Number of lode Claims, FIVE containing about 100 acres.

Names of lode Claims, White Eagle, Ajax and Alberta 1, 2, & 3.

Placer Claims, None located. _____ acres.

Mill Sites, None located. _____ acres.

Total number of acres in group, _____ about 100 acres.

Title, By location and discovery under the United States and Wyoming State Mining Laws.

Lien or encumbrance, None filed.

~~Title guaranteed by~~

Nearest railroad station is Laramie, on U.P.R.R. Distance, 45 miles,

in an easterly direction.

Reached by wagon road from property via Rambler Mine and stage road through Centennial to Laramie.

Altitude at railroad station, 7000 feet above sea level.

Altitude at main workings, 9300 " " " " .

Character of country rock, As far as can be determined, owing to the limited outcrop and amount of development, the country-rock of the district is a black dioritic granite, with occasional occurrence of reddish granite and some schist, the whole showing much altered.

Character of vein. The principal showing is on the White Eagle claim, in a 25' shaft, at which depth is noted a ledge condition, heavily mineralized and showing a much altered and broken formation. This ledge has a general direction by compass N. 50 W. and the walls may be said to be country-rock although the present workings, of course, has not determined this to a certainty.

The ledge condition shows for the width of the shaft with a quartz streak in the middle that varies from 3" to 3' in width, the quartz being white and clear and showing a honey-combed condition more less filled with ^{brown} iron oxides, the whole indicating a much altered and leached condition by water action.

~~Character and occurrence of ore.~~ On the west side of the quartz shows a broken and altered material, very soft and easily worked and west of this a ~~xxx~~ streak of soft red clay-like gouge matter, highly mineralized and evidently the result of the shearing movements of the formation that caused the broken condition of the adjacent ground.

East of the quartz is noted a streak of altered granite, very hard and apparently lying between the quartz and the broken ledge matter similar to the west side of the shaft.

All of this material is mineralized and stained with both red and brown oxides of iron, hematite and limonite, the latter becoming more frequent with depth and having a soft and spongy appearance. Some copper stains are also noted at intervals and the whole condition is considered favorable for development.

Development,	8 Shaft	s' 1-35' & 1-25',	60	feet, size,	Fully timbered and in
	Tunnel	,		feet, size,	good condition for
	Cut	,		feet, size,	working.
	Drift	,		feet, size,	
	Upraise	,		feet, size,	
	Winze	,		feet, size,	
	Stope	,		feet, size,	

Actual development, ---60 lineal feet, aside from the numerous ~~cuts and holes, trenches etc~~ in the wash and loose surface material, which amount to several hundred feet of purely surface work.

Exits and fire protection, None required at present development.

As has been stated, most of the work done on this group has been in the surface material, made necessary by the conditions encountered.

The whole surface of the claims, with ^{but} one exception noted is covered by a loose wash material varying from three to twelve feet in depth and making prospecting impossible except by means of these surface cuts and holes extending down to the solid formation.

The majority of this work has been done on the Alberta #3 claim, with the balance distributed over the adjacent claims of the group.

On the Alberta #3 the work has developed but little of present importance aside from determining the general formation and showing a small lead of quartz (more or less mineralized) and gouge matter, that has a general easterly and westerly direction.

This material shows considerable mineralization and may, upon further development lead to more important results.

The whole surface of the group is covered with a heavy growth of timber up to 18" or 20" in diameter and suitable for all purposes of mining and building and will be a valuable asset in future considerations.

Water has been encountered in the White Eagle shaft in small quantities but for some time this may be handled by bucket. Later a pump will be required.

Formilling and extensive steam purposes, ample water may be obtained in the adjacent creeks and conveyed to the works. Standard wages are paid in this district and supplies may be obtained and delivered here as reasonably as in any of the mining districts of the State.

As previously stated, the showing in the White Eagle shaft is the most important and it is considered that the conditions here noted warrant further work at this point and it is suggested that the present shaft be sunk to a depth of at least 200 feet and crosscuts be made at convenient intervals to determine the extent and value of the ledge material.

No assays are included in this report as the time available did not permit same being made but it is suggested that assays for gold be made from time to time as the work proceeds and the other values are noted.

Respectfully Submitted,

A. C. Beeler

Date of Examination.

State Geologist.

August 25th 1902