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Almaden Group.
Clear Creek Co., Colo.
(to accompany map)

A REPORT.

on the property of

THE ALMADEN MINES COMPANY.

Geo. J. Bancroft, Consulting Engineer.

To the Honorable the Board of Directors

Gentlemen:-

Under your instructions I have prepared a map of the Fall River property, and marked down on it such of the veins as I have been able to locate. From time to time this map can be extended till we have all of the principal veins and dikes in the neighborhood put down on the map. This map will be of great service to the Company in prospecting it's ground.

In the present state of the map we learn the following: There are two series of veins in the neighborhood. A series which trends N.W. and S.E. and a series which trends nearly east and west. The east and west veins are the older veins of the two, but do not seem to be as strongly mineralized as the veins with a N.W. and S.EM trend. The latter veins merge with the east-west veins for a short distance where they cross and these crossings are likely places for ore bodies. The two principal ore bodies developed by the Blazing Star tunnel are both near vein crossings. With what knowledge I have thus far gained I am inclined to think that the N.W.-S.E. veins are the mineralized veins and that they are the ones to develop. I take this view because the four prominent mines of the immediate vicinity were on the N.W.-S.E. veins, namely the Golconda, Virginia, Standard and Lida. The Blazing Star vein is one of the East and West series. It is desirable to follow this vein with the tunnel because it takes us very nearly in the direction in which we wish to go, and because it is much cheaper to drive on a tunnelhan to crosscut. Moreover the tunnel is developing the Blazing Star vein as it progresses and already several ore bodies have been opened up.

The map has shown further that two of the most productive veins on the hill, namely the Virginian and the Golconda undoubtedly go through our territory for considerable distances. The Virginian vein ought to be encountered at a point about 300 feet ahead of the breast of the tunnel, and the Golconda vein about 500 feet further on.

The Standard and Lida veins should cross somewhere near the Main Shaft, and it is rather probable that the cross vein showing in the ore-body at the shaft, is the Standard vein. At any rate I think that all the N.W.-S.E. veins should be prospected. What the best means of prospecting these veins would be, need not be decided now, for there is plenty to do in the breast of the tunnel, and in the upraise. There are a large number of veins cropping near the ~~head~~ top of the hill about 900 feet ahead of the breast of the tunnel. No one of these veins has been followed any great distance nor has there been any workable ore yet discovered, but the vein matter of all the veins carries some gold and silver and it is altogether probable that several ore shoots exist in this net-work of veins. From time to time additional data will be gathered concerning these veins. They will be traced out and named, and put down on the working map, for the present they must be considered as a net work of unidentified veins and taken simply as an indication of the generous mineralization of the locality.

On November 1st the upraise was up 267 ft. from the floor of the tunnel. Another two weeks ought to see the connection make with the shaft. This raise will then make available the ore exposed in the shaft together with the ore encountered in making the raise. This ore in the raise has not been continuous but there is some very high-grade stuff in places. The breast of the tunnel has been advanced to the 1120 ft. mark and is still in good ore.