

STATEMENT REGARDING THE EASTERN STAR
GROUP OF MINING CLAIMS.

Location.

The claims are located in the Gold Circle Mining District about eight miles east of the Camp of Gold Circle and about eighteen miles west of the old famous camp of Tuscarora on a creek called Frazer Creek, Elko County, Nevada.

Property Holding.

The Eastern Star Mining Company is the owner of four claims known as the Eastern Star No. 1, No. 2, No. 3, No. 4. Two of these Eastern Star claims lie in a northerly and southerly direction and two in an easterly and westerly direction. All apex rights are securely protected.

Formation.

The general formation of the country is an andesite. Through this andesite an intrusive dacite dyke is traceable extending well up above the softer andesite for a distance of about 450 feet. This dyke is about fifty feet in width.

Character of Ore.

The character of the ore is much like that found in the Goldfield district being a ribbon quartz showing a good deal of native silver, native gold and probable telluride. The vein seems to be a true fissure of banded structure lying in the intrusive dacite and running parallel with it.

Values.

Three samples taken from the high grade streak (about eight inches in width) in the lower workings show the following values: \$457.70, \$1699.05 and \$1193.50, the proportion being about eighty per cent gold and twenty per cent silver.

In the drift tunnel on the 75 foot level which follows the vein for a distance of 140 feet, the values are more or less spotted but the streak is of uniform width (4 inches) and seems to be strong, and I believe will enrich at least two feet on each side of it making a product of \$30.00 rock. The real high grade ore begins to make at the water level. About fifteen feet below the above mentioned tunnel and from there down for a distance of sixty feet, or to the bottom of the workings, there is the most uniform and consistent increase in width of vein and assay value that I have ever seen in any prospect in the State of Nevada. This so called main streak or high grade streak is in the middle of this vein. About two and a half feet on each side of this main streak are two other streaks averaging about three inches in width and carrying values approaching \$100.00 per ton. The rock between these streaks, covering a distance of about five feet in width, will in my opinion, average (excluding the value of the main or high grade streak but including the values contained in the other two streaks) forty dollars per ton.

I believe I am conservative in stating that the entire distance of five or five and a half feet will break close to \$100.00 per ton.

Ore In Sight.

It is difficult to estimate the amount of ore in sight there being no up-raises and no real mining development work done on these claims but judging from the values of all the material taken out in prospect work on these claims, I believe ~~that~~ a conservative estimate of the amount of ~~probable~~ ore is \$50,000.00.

Water.

Water was encountered in sinking a winze below the tunnel level at about 15 feet from the tunnel level and from there on to the bottom of the workings. 148 feet from the surface the water question became a serious one for a windlass. I presume the flow is about 15 or 20 gallons per minute - too much to be handled with a windlass but very easily taken care of with a cornish pump. If the property were equipped at this time with the proper machinery, pumps, etc., it is my opinion that the Eastern Star Mining Company would be shipping ore to the smelter and making a handsome profit.

Mining Cost, Timbers, Etc.

The dacite dyke in which the ore occurs is very hard and stands nicely without any great amount of timber. Therefore, I believe that the cost of mining should be comparatively reasonable.

Transportation.

This property is situated about thirty-five miles from a station called Red House on the Western Pacific Railroad. Transportation charges should not be excessive owing to the fact that the road leading to this property from the railroad is much used and in good condition.

Conclusion.

My inspection of this property leads me to conclude that further development will show a mine of great value and probably one of the sensational high grade properties of the State of Nevada.

M. M. Gillespie