1030 0006 (COPY)

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Item 6

Reno, Nevada. November 10,1923.

Mr. E. M. Dawes, President,
Chalk Mountain Mining Company,
Fallon, Nevada.

Dear Sir:-

At your request I have visited the property of your company located forty-two miles east of Fallon on the east slope of Chalk Mountain. I find the geological conditions as follows.

1. Chalk Mountain is a block of limestone,probably of Triassic age, that has been altered in local areas to silicates presumably by a granodiorite. In the vicinity of these altered areas bodies of silver bearing galena (lead sulphide) have been introduced by solutions accompanying the intrusion of the granodiorite. This type of ore deposit is a common one and in some instances, as at Eureka and Cortez, Nevada; Aspen, Colorado; Park City, Utah; has resulted in large deposits of profitable ore.

2. The development of your property has been largely confined to a fissure zone from ten to thirty feet wide, running nearly due north and south, and dipping very steeply to the east. In this fissure zone several bodies of ore have been encountered composed for the most part of the oxidized silver and lead minerals resulting from the surface alteration of the original galena.

3. The fissure zone has been offset at the north end of the mine openings connected with the vertical shaft by a fault running north 30° east and dipping 60° east.

4. About 400 feet south of the shaft the limestone has been somewhat altered to a greenish siliceous rock indicating the source of mineralization. The face of the south drift on the lower level contains some ore and in my opinion the better chance of finding further bodies of ore lies to the south so far as the present workings are concerned.

5. I would recommend that you continue the lower level to the south along the eastwall of the fissure zone with an occassional cross cut to the west wall for a distance of at least 200 feet. This will make possible the determination of the relationship of the ore to the areas of limestone altered by the granodiorite and possibly develope sufficient ore to pay for the development.

Sincerely yours,