

SULPHURNEVADASOME 1966 CONCLUSIONS

- 1) There is no present production of sulphur and the possibility of finding large tonnages amenable to production of pure sulphur are poor.
- 2) Directly mined, high grade ore, say over 70%, could be available in only small tonnages.
- 3) There is a better possibility of producing limited tonnages of sulphur rock for agricultural uses. In relation to percentage of total sulphur, it might be advantageous from a price standpoint to produce agricultural sulphur.
- 4) Based on the evidence now available, the properties would be rated in the following order of potential economic significance:
 - a) Sulphur
 - b) Alum
 - c) Deep Gulch
 - d) Hot Springs Point
 - e) San Emidio
 - f) Tognoni
 - g) Humboldt
 - h) Cuprite.
- 5) Bi-product material might enhance the value of some ores. This is particularly true of mercury. Cinnabar is known to be present in significant quantities at the Sulphur and San Emidio properties.
- 6) Transportation must be considered in property evaluation. The Sulphur, Hot Springs Point and Humboldt areas are well situated near railroads, but the others are poorly situated at distances of 45 miles or more from railroads. Soil conditioner, mainly for Central California market, might not be dependent on railroad location; it might be better transported by truck.

TOGNONI SPRINGS

Nye County, Nevada.

This property is on a ridge in the W $\frac{1}{2}$ of the NE/4 of section 27, T2S, R 43 E., about one mile east of Tognoni Springs.

Lode claims dated July 1966, cover the area; there was no evidence of location work.

An old excavation about 15 feet long and up to 10 feet deep exposes sulphur in a zone of alteration 6 to 8 feet wide. Outcrops of unaltered andesite breccia appear to limit the possible strike length to 75 feet.

Sulphur occurs as occasional masses in an otherwise barren zone. It replaces the matrix of the altered rock and also occurs as vuggy incrustations. About one ton had been hand sorted to an estimated grade of 50%. There were several other shallower cuts and one short adit in similar altered material but with no sulphur. The possibility of producing any significant tonnage appeared slight.