

CRAMER PROSPECT

(T. 28 N., R. 33 E., Secs. 20,30,32, Pershing County, Nevada)

This property, brought to out attention by Mr. Cramer of Oreana, was examined September 5, 1970 by L. C. Greenwood, R. A. Connors, D. E. Poisson to determine the nature and extent of the silver-antimony deposit that Mr. Cramer is now actively mining.

Access to the area is gained from Interstate 80 leaving the highway at the Oreana exit, proceeding about one mile south on old Route 40 then southeast about four miles into the foothills of the West Humboldt Range. Cover in this area is thin, being mostly gravel and supporting occasional sagebrush and grasses. Relief in the foothills is moderate, access to specific areas is by four wheel drive vehicle in most cases.

As far as could be learned the non-Southern Pacific land in the area is under claim by Mr. Cramer or National Lead Company who have sub-leased a portion to local miners.

A brief examination of the trenching and open cut work done on the property indicates a series of thin mineralized veins.

The rock types present are brown and purple argillites and sandstones. The argillites are distinctly bedded.

The area has been subjected to range front tectonics and shows open folds and rather complex faults.

Antimony occurs as narrow veins of stibnite and antimony oxides. Some of the veins are vertical but at least one system is concordant with the bedding. The host rock contains several percent of disseminated antimony oxides. Silver and gold values of about \$4.00 per ton of ore are also present according to Mr. Cramer. There is no obvious hydrothermal alteration in the sediments surrounding the veins.

Workings in the area consist of bulldozer stripping of veins by

Mr. Cramer and by the National Lead S.P. Lessees. An old shaft which has been reopened by National Lead is located on the boundary of Section 19 and 20. No mining is being done there presently. There is some evidence of old mining, apparently for silver, on the property. All such workings are very small and unrecorded.

#### RECOMMENDATIONS

It is recommended that this property be considered in relation to the Arabia (Montezuma) district. This property should be mapped and detailed geochemical sampling carried out. A program of AirTrac drilling on close spacing should be undertaken for vertical grade analysis if an open pit property is to be developed. The AirTrac drilling should however wait until completion of geologic mapping.