

0300 0024

MONTEZUMA PROSPECT

(T. 29 N., R. 32 E., Secs. 8,9,20,21, M.D.B.M., Pershing County, Nevada)

This prospect is located in the Arabia Mining District, and was briefly examined on July 24, 1970, by L. C. Greenwood and D. E. Poisson, to confirm the presence of antimony, lead and silver associated with rhyolite porphyry and granodiorite intrusives.

Access to the prospect is gained from U. S. Highway 40 about 10 miles northeast of Lovelock. From Highway 40, access is over a gravel road to the northwest about 6 miles. Topography is low rolling hills making travel easy. Cover of gravel supports sagebrush in the area.

Property in the area has been consolidated by the William Company, Mr. A. B. W. Vincent, President, Reno, Nevada, and San Francisco, California. The William Company is presently active in the area.

Bedrock in the area consists of a series of Tertiary volcanics, ranging in composition from rhyolites to basalts. The Tertiary volcanics overlap Cretaceous granodiorite, which is intruded into Triassic-Jurassic metasediments.

Ore deposits of silver, lead and antimony occur in the district, as vein fillings in sericitized Cretaceous granodiorite and Triassic hornfels.

Principle ore minerals are bindheimite after jamesonite, and plumbojarosite.

Reconnaissance traverses indicate that the granodiorite in Sections 8 and 9 shown on the **Southern Pacific** geologic map, is a series of small bodies or dikes rather than a single large intrusive.

The possibility exists of a continuation of the granodiorite below the Triassic metasediments in Sections 16 and 17.

Mr. L. B. Wright, former chief of Exploration for Southern Pacific Company and now consulting geologist on this property, has described the

property very favorably. Mr. Wright said that the William Company has spent two years and \$80,000 to explore the potential of the area with respect to development of an open pit silver antimony mine. The present phase of exploration (just starting?) is a grid pattern of drill holes. A four inch cone bit drill is being used. Mr. Wright has answered, in response to a direct question, that he is of the opinion that the William Company would be interested in outside assistance in carrying out the exploration program.

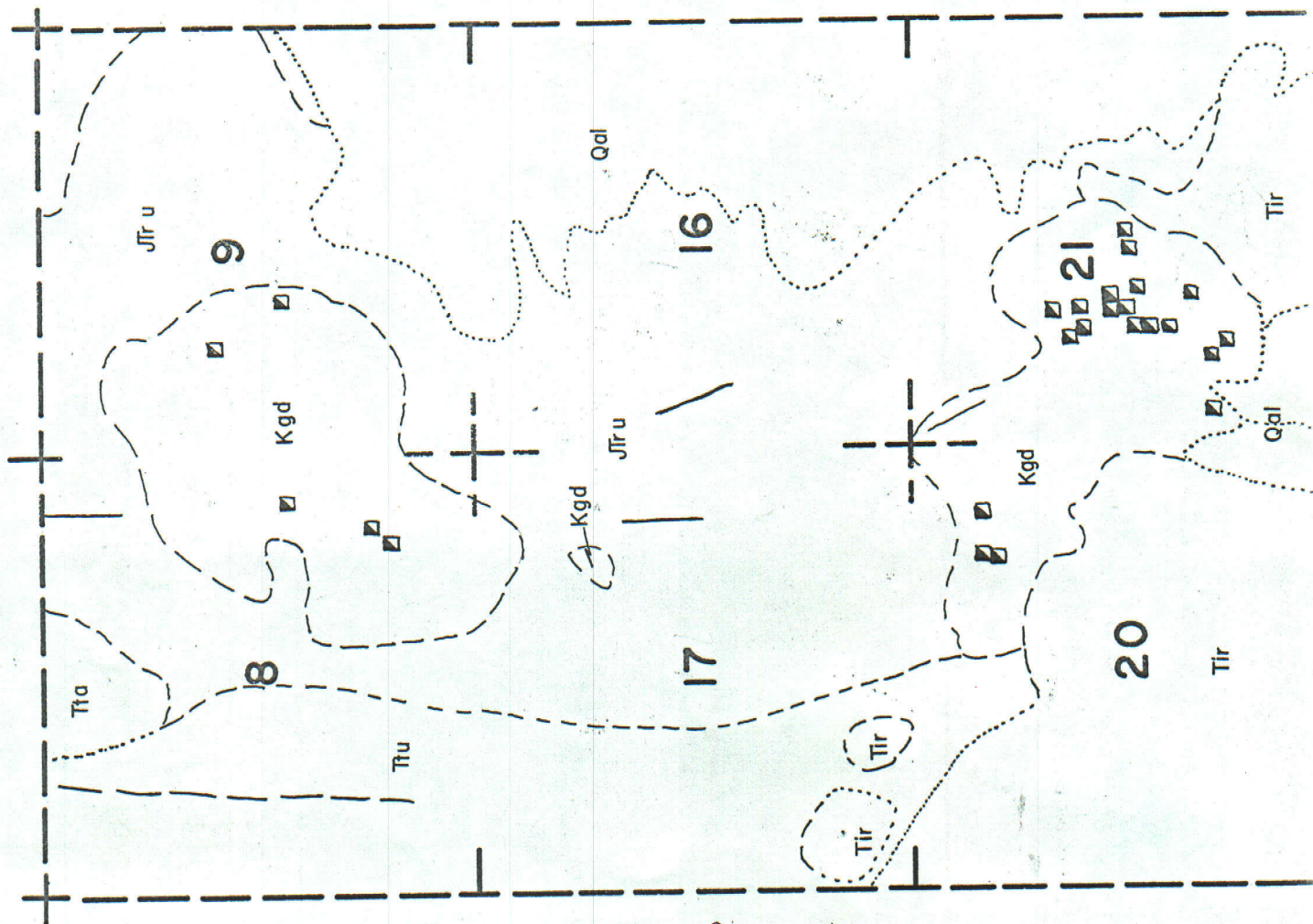
RECOMMENDATIONS

Mr. A. B. W. Vincent has been contacted and has asked that we review his progress to date. A meeting is scheduled for the week of September 21, 1970. Recommendations should wait upon an evaluation of the William Company progress.

(SEE SEPARATE REGIONAL NOTE)

R. 32 E.

Montezuma Area



Explanation

Qal Alluvium

Tir Rhyolite

Tta Andesite

Kgd Granodiorite

JTru Undifferentiated

Scale: 1" = 2000'

T. 29 N.