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01/16/98

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: ALLISON MINE

ALTERNATE NAMES:

THELMA

YUMA COUNTY MILS NUMBER: 844

LOCATION: TOWNSHIP 1 S RANGE 14 W SECTION 9 QUARTER SE
LATITUDE: N 33DEG 21MIN 17SEC LONGITUDE: W 113DEG 42MIN 10SEC
TOPO MAP NAME: CEMENTOSA WASH 7.5 - MIN

CURRENT STATUS: EXP PROSPECT

COMMODITY:

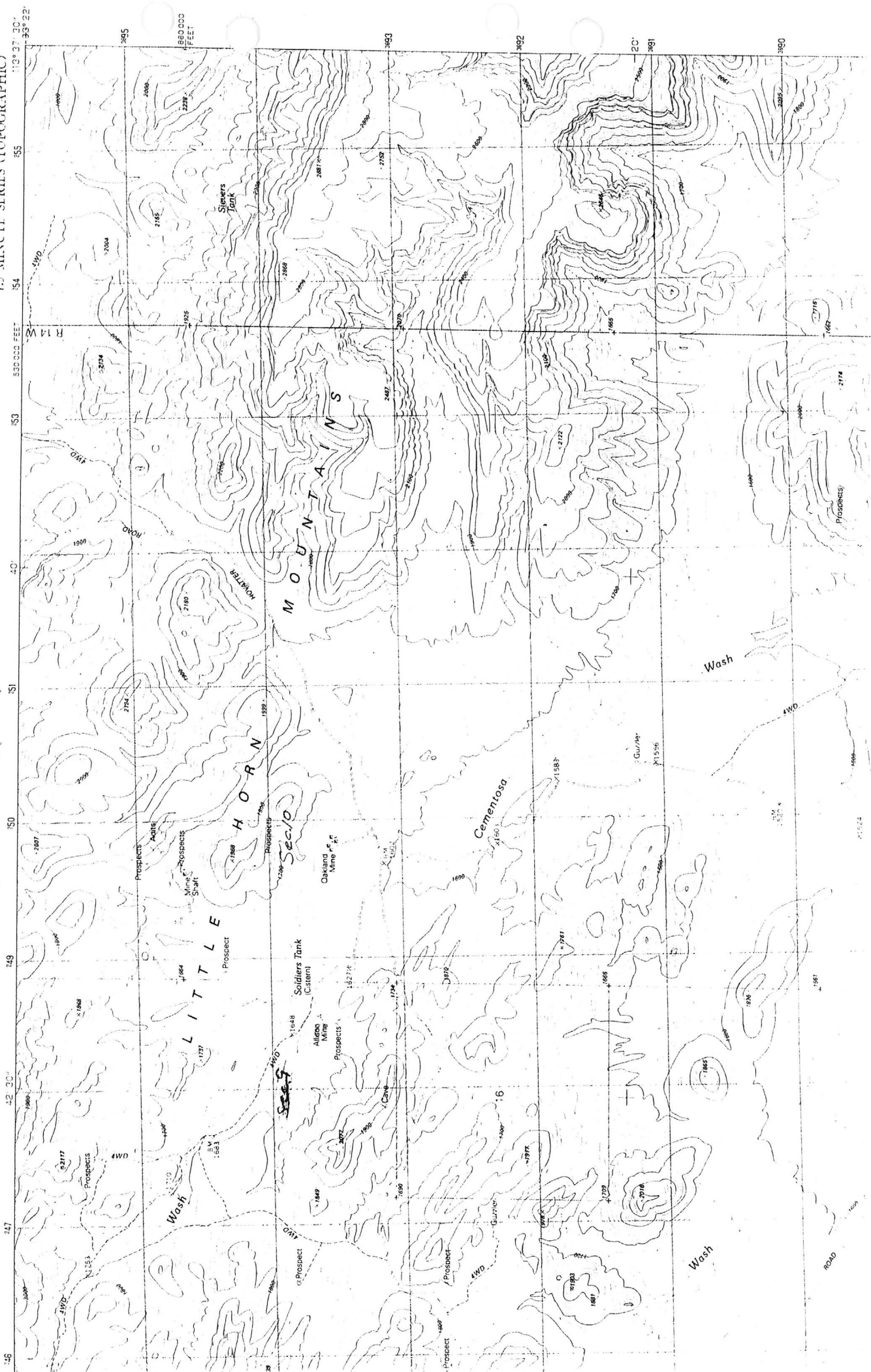
GOLD LODE
SILICON SMELTER FLUX

BIBLIOGRAPHY:

ADMMR ALLISON MINE FILE
WILSON, E.D., 1933, GEOL. & MINERAL RES OF S.
YUMA CNTY, AZ; AZ BUR MINES BULL 134, P. 141
LOCATION IS PROTRACTED

CEMINTOSA WASH QUADRANGLE
ARIZONA-YUMA CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

Allison Mine SE 1/4, Sec 9, T.15, R.14W



iron stain. Its brecciated andesite walls have been extensively chloritized and carbonatized and show local sericitization.

The discovery of this gold occurrence promoted a mild rush to the vicinity. Many claims were located here during the spring of 1932, but very little work has been done upon them.

ALLISON CLAIMS

About four miles east of the Sheep Tanks mine and about $\frac{1}{2}$ mile south of the road to Palomas are some shallow workings upon claims held by Mr. J. V. Allison. Here, a mass of locally shattered and brecciated diorite-porphry forms low ridges of eastward trend. A lenticular area of silicified breccia contains prominent, nearly vertical fractures that strike eastward and are marked by considerable amounts of limonitic stain.

An old shaft and a few shallow cuts have prospected this brecciated zone. According to Mr. Church, certain portions of the iron-stained, silicified breccia carry a little gold.

PROBABLE ORIGIN OF THE ORES

The veins of this region were originally deposited by hydrothermal solutions which rose along permeable fault zones. Where these solutions reached the breccia on the Resolution claim, they encountered a flat-dipping fault zone with a relatively impervious cover that apparently caused them to spread outward. They deposited chiefly manganiferous calcite, gold-bearing quartz of two generations, certain iron and copper minerals, and minor galena and barite. The iron and copper minerals were probably sulphides and may have been auriferous. More or less brecciation of the veins occurred before this deposition was completed. The mineralogy, texture, and wall-rock alteration of these veins clearly indicate that they belong to the epithermal type of deposits.

Subsequent uplift and erosion removed parts of the veins, and oxidized the portions now exposed. The large amount of manganese present in the outcrops, the richness of the ore near the surface, and the mineralogical features of the visible free gold (described on page 138) suggest that some supergene enrichment of the gold may have taken place within the brecciated zones.

Date Printed: 05/02/96

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES

INFORMATION SUMMARY

Information from: **David Javorsky**

Company:

Address: P.O. Box 22
City, State ZIP: Hyder, Alaska
Phone: 604-636-9186

MINE: Allison

ADMMR Mine File: Allison
County: Yuma
AzMILS Number: 841

SUMMARY

David Javorsky, P.O. Box 22, Hyder, Alaska, phone (604)-636-9186 is doing a reconnaissance geology project in preparation for a geophysical resistivity survey of the Allison, Thelma, and Virginia properties in the area of the BVO mine in northeastern Yuma County. He reports he is working for a joint venture between Matrix Energy (VSE) and Goose Moose (Alberta Exchange). He explained that the two companies have committed \$20,000 to initial studies and to drill a possible single diamond hole. Javorsky feels he is defining an epithermal gold occurrence.

Ken A. Phillips, Chief Engineer Date: April 24, 1996