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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: VESTA PROPERTY

ALTERNATE NAMES:

PINAL COUNTY MILS NUMBER: 112A

LOCATION: TOWNSHIP 2 S RANGE 12 E SECTION 13 QUARTER N2  
LATITUDE: N 33DEG 15MIN 32SEC LONGITUDE: W 111DEG 04MIN 13SEC  
TOPO MAP NAME: SUPERIOR - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:  
ASBESTOS

BIBLIOGRAPHY:  
ADMMR VESTA MINE FILE  
ELEVATORKSI, E.A., AZ INDUSTRIAL MINERALS,  
1980, P. 53

DEPARTMENT OF MINERAL RESOURCES

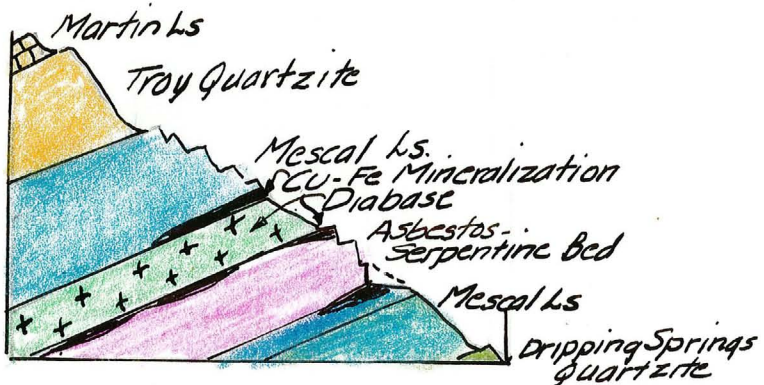
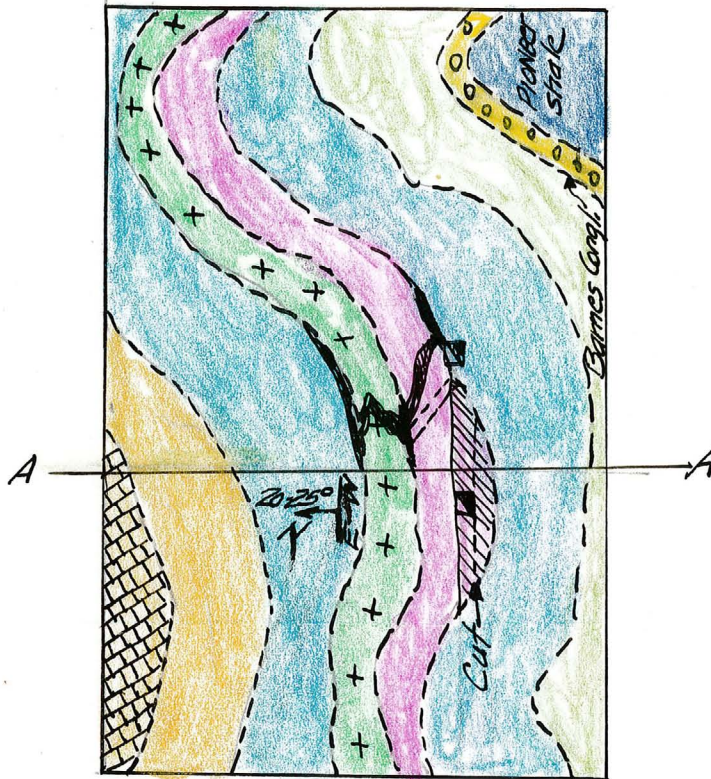
STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine *Vesta Asbestos*  
District *Pioneer, Pinal Co*  
Subject: *Mine Visit*

Date *2-20-58*

Engineer *Lewis A Smith.*



DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine ✓ Vesta Mine

Date February 20, 1958

District

Engineer Lewis A. Smith

Subject: Mine Visit by Lewis A. Smith

Location: Sec. 13, T2 S, R 12 E, 3 miles south and 1 mile East of Superior,  
1 mile dirt road and 3 miles paved (Ray - Superior Highway).

Owners: ✓ Pat Foley, 2245 Mulberry Drive, Phoenix  
✓ William Ensign, Ensign Motor Court, Superior  
✓ George Olson, Independent Service Station, Superior

Claims: 5 Unpatented.

Geology: The asbestos veinlets, some 14 in number, occupy a serpentized section of the Mescal Limestone beds which accumulate about 15 feet thickness near the bottom of that formation. The serpentized section is overlain by a diabase sill of undetermined thickness. The sill and the serpentized section dips about 20° - 25° North and strikes east west. The individual fiber layers range from  $\frac{1}{2}$ " to 2 $\frac{1}{2}$ " thick, are "harsh" in character, and are "checked" by fractures at an angle to the fiber direction. The serpentine contains bands of less altered limestone and has local specks and bands of magnetite and hematite. The contact between the serpentine and diabase carries a strong hematite and magnetite content, the limestone being almost completely replaced next to the diabase.

Work: There were two flatly inclined 65' shafts on the contact but these have been cut off by subsequent bulldozing which has established two benches. This was done with a H.D 21 Cat. Drilling is done with wagon drills and air is furnished by an Allis Chalmers Compressor. Shipments are being made to the Jaquay's Mill in Globe at the rate of 7 tons per week of selected material.

Reserve: The exposed asbestos bearing zone is 15 feet thick by 350 feet long and the width is undetermined. However, the Mescal Limestone, to the North is visible for at least 400 feet into the hill into which the beds dip. The accompanying cross-section and plan show these relationships. However due to the variability of the asbestos seams, no definite figure of reserves can be had.

Access: A bulldozer road which connects the mine with the Ray - Superior Highway, is about 1 mile long and steep. However, it is not rough and hauling would not be too severe.

Topography: The mine lies on a gully-ribbed, steep hill slope.

A Mine Owners Report is being sent to Pat Foley.