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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: BUENA VISTA MINE

ALTERNATE NAMES:

GOLDEN STAR

GOLD RIM

REBECCA

LUCKY STAR

PIMA COUNTY MILS NUMBER: 38

LOCATION: TOWNSHIP 21 S RANGE 10 E SECTION 9 QUARTER C

LATITUDE: N 31DEG 37MIN 37SEC LONGITUDE: W 111DEG 19MIN 30SEC

TOPO MAP NAME: ARIVACA - 15 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

SILVER

GOLD LODE

COPPER SULFIDE

LEAD SULFIDE

ZINC SULFIDE

BIBLIOGRAPHY:

AZBM BULL. 1589, P. 105, 1974

ADMMR BUENA VISTA FILE

LUCKY STAR and JOHN CLARK PROSPECTS  
Arivaca Mining District  
Pima County, Arizona

The Arivaca Mining District has a historical background dating back to the years of Spanish settlements and the days of the Jesuit Padres. Tales of lost mines and buried treasures still exist in the area. Copper, silver, gold, and tungsten ores have been mined from the numerous, narrow veins of this district.

Mr. S. Hartman and Mr. S. Eppley of 3708 E. Bellvue (Phone 325-3732) Tucson, Arizona are leasing two blocks of ground from the State of Arizona. Each parcel contains 80 acres.

The Lucky Star prospect is situated in Sec. 9, T 21 S, R 10 E and the John Clark workings are in Sec. 26, T 20 S, R 10 E.

On the Lucky Star prospect some shallow overburden has been removed to expose a one foot thick quartz vein. Other development work consists of previously existing, shallow open cuts and shafts which now are inaccessible.

The rocks in the general area consist of volcanics (andesite) and intrusive granitic rocks. Although most of the evident mineralization is confined to the narrow quartz veins, occasionally some secondary copper mineralization occurs in the volcanic rocks.

The quartz veins cut the volcanic and the granitic rocks. Their strike varies from N 70 W to N 80 W and the dip from 30° SW to 40° SW. A strike length of several hundred feet is indicated by the quartz float evident on the surface. Other small veins and stringers occur in the general area.

The vein material consists of a quartz gangue with occasional blobs of galena, some copper oxide staining, and minor amounts of pyrite and chalcopyrite.

Two samples were taken from the Lucky Star. One 12 inch sample from a freshly exposed quartz outcrop and one muck pile grab sample from a  $\frac{1}{2}$  30 ton pile of material which had been mined from a small copper stained outcrop.

The John Clark workings consist of previously existing open cuts and a shallow shaft, situated in Sec. 26, T 20 S, R 10 E. The shaft was sunk on a N 80 W shear zone which dips 52° to the SW. The shear zone varies from 1 foot to 4 feet in width and along the hanging wall of this zone is a narrow

quartz vein. The vein pinches and swells down the dip and at times attains a thickness of 12 inches.

An attempt is being made to clean out this shaft to obtain, as the legend goes, 40 tons of 2,000 oz/ton silver ore which was dumped into the shaft prior to an attack by the Apaches.

The shaft is not timbered however by using a rope it is easily accessible. A 3.5 foot chip sample was cut across the vein and the shear zone at 25 feet below the collar. At 30 feet below the collar the shaft is muckbound.

Several hundred feet to the north of the shaft a shallow open cut shows remnants of a quartz vein in a shear zone comparable to the vein exposed in the shaft. The vein strikes N 80 W however it dips 50° to the NE.

Some stoping had been done in the open cut and an attempt had been made to grind the ore in a crudely made arrastre.

Andesite is the prevailing rock in this area but there are indications of granitic rocks in the vicinity of the workings.

One sample was taken from a  $\pm$  5 ton muck pile at the open cut.

#### Conclusions:

1. The small ore shoots appear to terminate at shallow depths.
2. None of the exposed, small, copper-lead stringers are capable of producing enough ore to sustain a milling operation.
3. Depressions which may be due to oxidation of an underlying sulfide body are not apparent.
4. The granitic rock does not contain sufficient voids or fractures which may have been filled with copper bearing sulfides.
5. Although some hydrothermal alteration exists in a small shear zone on the Lucky Star prospect the adjoining rock is not cellular or porous. Except for a scattered occurrence of almost trace amounts of altered pyrite there is neither fine nor coarse boxwork in the out crops to indicate leached out sulfides.
6. Possibilities are remote even for a medium scale production. A leaser may get some ore from these areas.

Respectfully,

Mike Price

ASSAY REPORT

<u>Tag No.</u>	<u>Assay No.</u>	<u>% Zinc</u>	<u>% Copper</u>	<u>% Lead</u>	<u>oz/Ton Silver</u>	<u>oz/Ton Gold</u>
Lucky Strike 1396	4988	0.43	0.35	1.33	1.64	12 inch Qtz. vein
Lucky Strike 1397	4989	0.43	0.09	0.03	0.33	Muck grab ± 30 T
John Clark 1398	4990	0.15	0.03	0.09	0.49	Muck grab ± 5 T
John Clark 1399	4991	0.29	0.02	0.01	0.33	Shaft 3.5'

BY M. Pease DATE 9 31 67

ST. LUCKY STAR

SHEET NO. 1 OF 1

CHKD. BY DATE

JOHN CLARK PROSPECTS

JOB NO.

BLAINE COUNTY, MONTANA



T  
20  
S

T  
21  
S

From Ariveco Quadrangle  
15 Minute Series  
1941