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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: M AND B MINE

ALTERNATE NAMES:

PIMA COUNTY MILS NUMBER: 705

LOCATION: TOWNSHIP 19 S RANGE 7 E SECTION 22 QUARTER SW  
LATITUDE: N 31DEG 45MIN 42SEC LONGITUDE: W 111DEG 36MIN 45SEC  
TOPO MAP NAME: BABOQUIVARI PEAK - 15 MIN

CURRENT STATUS: EXP PROSPECT

COMMODITY:  
COPPER  
GOLD  
SILVER

BIBLIOGRAPHY:  
ADMMR FILE DATA 1953

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
FIELD ENGINEERS REPORT

Mine M <sup>✓</sup> & B Mine

Date Aug. 26, 1953

District Baboquivari Dist., Pima Co.

Engineer Axel L. Johnson

Subject: Field Engineers Report

Location Approximately Sec. 20 -- T 19 S -- R 7 E -- Unsurveyed.  
About 29 miles SE of Sells. Go south from Sells 9 miles to Topawa. Then go 12 miles East to Chutum Vaya (Indian Village). Turn right (SE) and go 8 miles SE on poor road. Property about 2 miles SE of the Ventana patented claims # MM # 2063.

Number of Claims 6 unpatented claims.

Owners Paul Hinshaw, et al, Casa Grande, Ariz. ----- 1/2 interest. ✓  
Harry W. Thompson, 4136 Mildred Ave., Venice, Calif., Chas. M. Weaver, Box 248, Casa Grande, Ariz., plus 43 other parties doing business as the Continental Uranium Corp.-----  
----- 1/2 interest.

Lessees Continental Uranium Corp. comprising the parties shown above, leasing the remaining 1/2 interest from Paul Hinshaw et al. Royalty 12 % on this 1/2 interest.  
Continental Uranium Corp. has spent over \$20,000 in perfecting a Uranium processing method, out of an original investment of \$50,000. Plan on spending the remainder of the capital on mine development.

Officers Harry W. Thompson and Chas. M. Weaver ---address as shown above.

Principal Minerals Copper, Gold and Silver.

Number of ~~Mine~~ Men Employed 3

Production Rate No Production. Company engaged in exploration.

Topography On upper west slopes of Baboquivari Mts. Elev. about 5,000 ft.

Geology Fissure veins in black schist. Largest vein is about 3 ft. wide, strikes NE-SW, and dips about 60 deg. to NW, except a portion which dips about 80 deg. NW. Two other veins parallel to this vein visible. Numerous cross veins, crossing these veins at right angles. Vein material consists of Quartz and copper carbonates, with some sulphides, minerals being malachite, chrysocolla, pyrite, chalcopryrite, and covellite.

Ore Values Assays taken on surface <sup>workings</sup> outcrops average about 2 % copper. Gold runs from 0 to 0.2 oz. and Silver runs from 0 to 8.4 oz. Gold and silver values spotty & vary widely.

Ore in Sight and Probable No exploration yet to make any estimates of same.

Milling and Marketing Facilities Ore evidently will require milling as it will, no doubt, be too low a grade for direct shipping. Flotation will, no doubt, be required as the ore is complex, being a mixture of different kinds of carbonates and sulphides.

Water Facilities 1 well about 20 ft. deep on the property, furnishing enough water for domestic use. Operators believe that, by deepening said well, enough water can be produced to operate a small mill.

Old Mine Workings 1 shaft (vertical) --- 30 to 35 ft. deep.  
1 tunnel --- 200 ft. long with cross cuts from same 60 ft. and 10 ft.

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Page 2

Mine M & B Mine

Date Aug. 26, 1953

District Baboquivari Dist., Pima Co.

Engineer Axel L. Johnson

Subject: Field Engineers Report (cont)

long respectively.

1 Winze ---- 30 ft. deep.

New Mine Workings

1 trench --- 55 ft. long, 3 to 5 ft. wide, and 5 to 10 ft. deep.  
1 open cut ---- 40 ft. long x 15 ft. wide --- still in overburden.  
1 small cut --- 4 x 6 x 10 ft.

Pat History Past History not known by present owners and operators. Believed that past production was limited to a few tons of high Gold and Silver ores.

Present Operations Operators now working in 40 ft. long open cut. Operators intend to start sinking a shaft on 3 ft. vein, where vein dips 80 deg. NW., shaft to be sunk along hanging wall. Shaft to start at 80 deg. incline, and will be 4' x 6' in size.

Proposed Plans To operate the property, develop same into production, and to build mill to treat the ore if necessary.

Other Properties of the Company The Continental Uranium Corp. also owns 1/2 interest in the Hilltop Mine 40 miles SW of Casa Grande in the Vekol Mts., with Paul Hinshaw et al owning the other 1/2 interest. This mine contains Lead, Gold, Silver, and Copper.

General Remarks The M & B Mine appears to be a milling proposition, requiring flotation. It is doubtful that enough ore reserves can be developed to warrant the installation of a mill. It is also doubtful that the ore can be mined and milled at a profit on account of the narrow veins, averaging about 2 % copper, with relatively low Gold and Silver values.



Quartz Vein Outcrop  
M. & B. Mine  
SE at Sells  
Aug. 28, 1953