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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: BLUE JACKET NO. 1 AND 2

ALTERNATE NAMES:

PIMA COUNTY MILS NUMBER: 588

LOCATION: TOWNSHIP 21 S RANGE 10 E SECTION 16 QUARTER NW  
LATITUDE: N 31DEG 35MIN 51SEC LONGITUDE: W 111DEG 19MIN 56SEC  
TOPO MAP NAME: ARIVACA - 15 MIN

CURRENT STATUS: UNKNOWN

COMMODITY:

LEAD  
SILVER  
GOLD LODE  
COPPER

BIBLIOGRAPHY:

ADMMR BLUE JACKET #1 & 2 FILE  
LOCATED 1.5 MI. N. OF ARIVACA

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine Blue Jacket #1  
Blue Jacket #2  
District Arivaca District, Pima County

Date Dec. 30, 1958  
Engineer Axel L. Johnson

Subject: Field Engineer's Report. Information from W. H. Davis & Personal Visit.

Location: About 1.5 miles north of Arivaca.

No. of Claims: 2 unpatented claims.

El Patio Court, 120 E. 33rd St., Apt. 8 (ALJ 10-1960)

Owner: W. H. Davis, ~~xxxx-11354~~, Tucson, Arizona - residing at Grand Court #29 at 2536 6th Ave., Tucson, Arizona.

Principal Minerals: Gold, Silver, Copper, Lead

Present Mining Activity: None

Mine Workings, Geology, Mineralization, Ore Values:

Blue Jacket #1 - This has a vertical shaft, reported by Mr. Davis to be 45 ft. deep, with a 20 ft. crosscut at the bottom of the shaft. Shaft was open and appeared in good shape, except for the old and insecure ladders, which prevented the field engineer to descend the shaft for an inspection of the ore vein reported by Mr. Davis to be exposed in the 20 ft. crosscut. Shaft can, no doubt, be entered for an inspection with the assistance of safety belts and ropes and other precautions.

Mr. Davis reports the following assay report, under date of May 10, 1957, from sample taken in the 20 ft. crosscut, viz:

Gold	0.03 oz. (value \$1.05)
Silver	2.2 oz.
Copper	0.35%
Lead	8.5%

Total value \$22.13

Blue Jacket #2 - This has an inclined shaft about 7 to 8 ft. deep, with 4 ft. of water at the bottom. The part of the shaft visible above the water exposes a number of narrow quartz veins, from 1 inch to 2 inches wide, with a strike of SW-NE and a dip of 60° SE. Water at bottom of the shaft prevented a more thorough inspection and sampling.

FILED

FEB 10 1959

RESUME OF THE MINERALIZATION OF PROSPECTS AND MIN. OF  
W.E. DAVIS

IN THE ARIVACA DISTRICT, PIMA COUNTY, ARIZONA.

*Revised 6-60*

**GOLD CLAIM #2**

Located about 8 miles southeast of Arivaca. Ore Blanco Conglomerate formation covering most of vein; strike of vein N.E./-S.W., dip northerly. Quartz Gangue consisting of Au-Ag-Pb-Fe. Outcrop can be traced on surface about 300 feet to northeast and an equal distance to southwest. Work should be continued in cleaning out old shaft in order to determine the width and value of ore exposed.

**Silver Bar #4**

Adjacent to above mentioned prospect. Strike of vein is East to West and dip to south at an angle of about 45°. Ore is highly siliceous, containing Au-Ag-Cu-Pb and Fe in an altered formation of Metamorphic Quartzites.

**Navajo #2**

Shaft about 12'; strike North 10° east. Dip 30° east in a rhyolite porphyry formation

**Navajo #1**

Contact vein in rhyolite formation. Au-Ag-Cu- and URANIUM minerals. The above prospects should be core-drilled to determine their full economic mineral value. A road could be bulldozed to these properties. Covering the entire distance from the Ruby Road up to the shafts, estimated time two days. This work done, trucks of good capacity could enter onto all the properties.

**Blue Jacket #1**

Located about 1-1/2 miles north of Arivaca. This Prospect is on a regional fault fissure vein in a well mineralized silver-lead district. The Temptation Claims to the west have had considerable work and some production. The Amado Mine to the west is now developing an ore body on the 200' level and has a history of past production. Modern tools should be installed on the BLUE JACKET claim and production of Ore commenced.

All conditions indicate a profitable mining operation here, without excessive expense and difficulties. Only a little work on road to cross the arroyo to main shaft, would have to be done.

**Queen Elizabeth-**

A possible Uranium strike. This prospect as any other Uranium Property should be worked in depth. Constant erosion and disintegration of U3O8 values on and near surface are seldom commercial. The origin of Uranium is in igneous rocks here are encountered the igneous beds in an altered condition, but with possibilities.

Respectfully submitted.

Cordy C. Calvin E.M.

*See also Report taken 3 years ago*  
*W.E.D.*

6-22-54

*Info Compiled from pencil notes on a small piece of paper by W.F. Davis*  
W.F. Davis Hand Sample Assays Arizona District Arizona

No. 1. Bluejacket claim	Gold Oz	Silver oz	Copper%	Lead %
2.	.08	2.0	.26	8.80
	.10	7.4	.19	26.20
No. 1. Navajoa Claim	Gold	Silver	Copper	Lead
2.	1000	1.	.11	0.
	.10	2.2	3.55	0.

Average values. Bluejacket Claim. Ton Values, Mine Run.  
Gold \$2.62 Silver \$7.77 Copper \$6.75 Lead \$23.31  
Total Value \$40.45 per ton.

Navajoa Claim . Copper only. \$10.20 per ton  
*Lead \$25.00 per Ton @ 240000*

Mill reduction to concentrates. Ratio 8 to 1. Bluejacket claim  
Concentrate value \$320.80 per ton.

Gold @ \$32.8125 per ounce . Silver @ .85¢ per ounce.  
Copper @ .30¢ per pound. Lead @ .14¢ per pound

*Less American Smelting & Refining Co pays 0.1¢ per pound for lead from the by-product*

*Always give to me 15 yrs  
Please return history of g.w.*

*Received 6-29-60*