



CONTACT INFORMATION

Mining Records Curator
Arizona Geological Survey
1520 West Adams St.
Phoenix, AZ 85007
602-771-1601
<http://www.azgs.az.gov>
inquiries@azgs.az.gov

The following file is part of the

Arizona Department of Mines and Mineral Resources Mining Collection

ACCESS STATEMENT

These digitized collections are accessible for purposes of education and research. We have indicated what we know about copyright and rights of privacy, publicity, or trademark. Due to the nature of archival collections, we are not always able to identify this information. We are eager to hear from any rights owners, so that we may obtain accurate information. Upon request, we will remove material from public view while we address a rights issue.

CONSTRAINTS STATEMENT

The Arizona Geological Survey does not claim to control all rights for all materials in its collection. These rights include, but are not limited to: copyright, privacy rights, and cultural protection rights. The User hereby assumes all responsibility for obtaining any rights to use the material in excess of "fair use."

The Survey makes no intellectual property claims to the products created by individual authors in the manuscript collections, except when the author deeded those rights to the Survey or when those authors were employed by the State of Arizona and created intellectual products as a function of their official duties. The Survey does maintain property rights to the physical and digital representations of the works.

QUALITY STATEMENT

The Arizona Geological Survey is not responsible for the accuracy of the records, information, or opinions that may be contained in the files. The Survey collects, catalogs, and archives data on mineral properties regardless of its views of the veracity or accuracy of those data.

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: BRADFORD

ALTERNATE NAMES:

SANTA CRUZ COUNTY MILS NUMBER: 54

LOCATION: TOWNSHIP 22 S RANGE 15 E SECTION 21 QUARTER NW
LATITUDE: N 31DEG 30MIN 45SEC LONGITUDE: W 110DEG 49MIN 22SEC
TOPO MAP NAME: MOUNT WRIGHTSON - 15 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

COPPER OXIDE
SILVER
LEAD
GOLD

BIBLIOGRAPHY:

KEITH, S.B., 1975, AZBM INDEX OF MINING PROP.
IN SANTA CRUZ CO. BULL. 191
ADMMR "U" FILE CU 32 NOT MAPPED
AZBM CARD FILE SANTA CRUZ CO.
SCHRADER, F.C., 1915, USGS BULL. 582, P. 219
ADMMR BRADFORD MINE FILE

BRADFORD MINE

SANTA CRUZ COUNTY
BRADFORD DISTRICT
T22S R15E Sec 21

MILS Santa Cruz Index #54

USGS Bull. #582, p.219

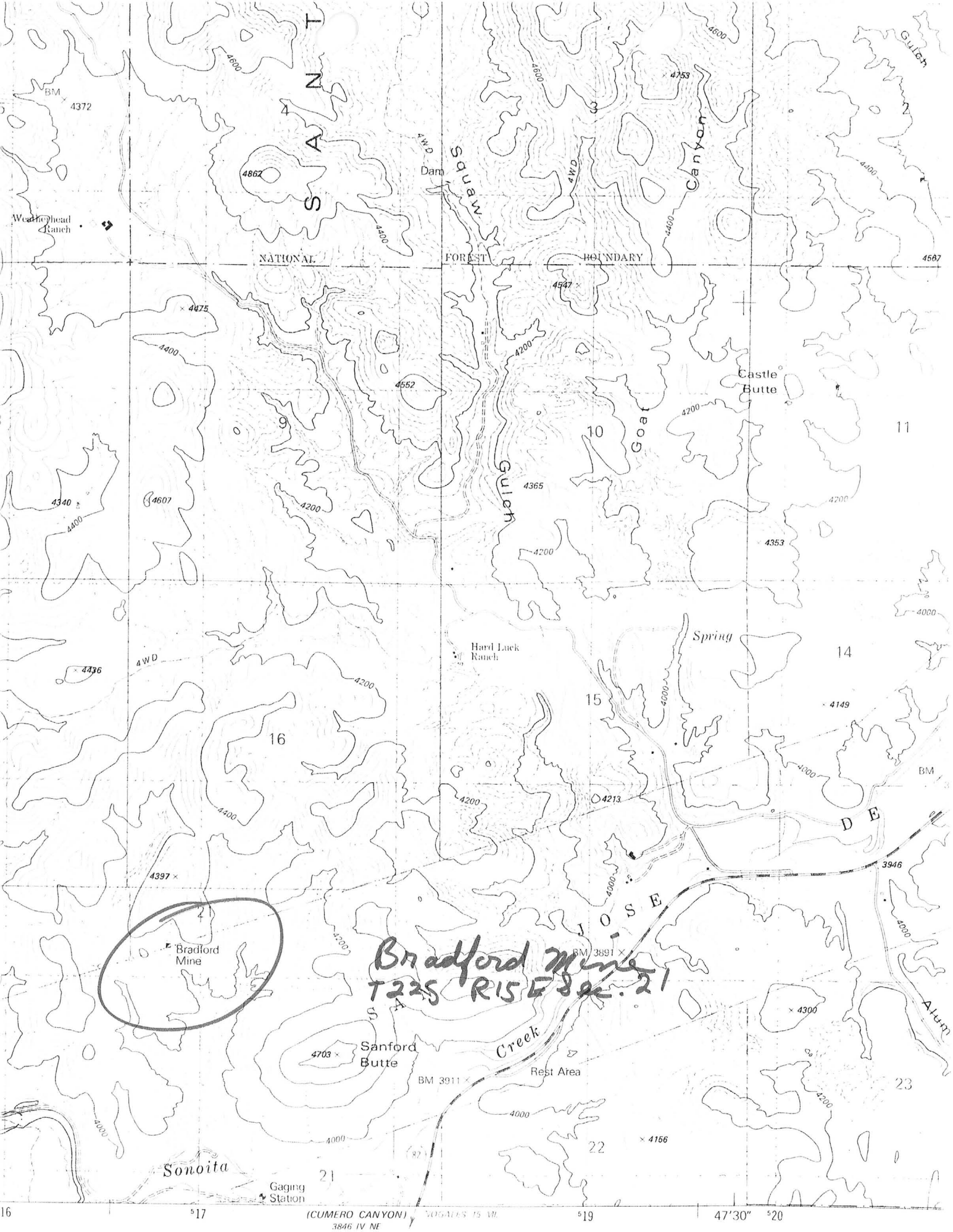
Arizona Mining Journal 6/1918, p. 43

Patagonia Quadrangle Map (Included in file)

USGS PP #748, p. 7-9

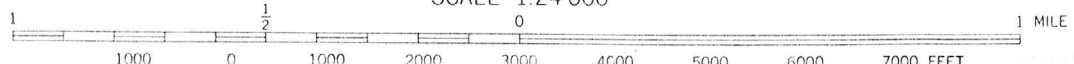
ABM Bull. 191, p. 84

USGS



Bradford Mine
T22S R15E S22.21

SCALE 1:24 000



BRADFORD

September 10, 1942

Tyndall District

Earl F. Hastings

Reconstruction Finance Corporation
Preliminary Development Loan

Docket No.

C-ND-7684

Date Application Received

August 31, 1942

Date of Field Examination

None

Date of Report

September 10, 1942

1. Name and address of applicant (correspondent):
R. W. Nicholas, 3331 Ft. Lowell Road, Tucson, Arizona.
2. Character of project and estimated cost thereof:
Purchase necessary equipment and repair old workings - \$5,000.
3. Location of property:
Tyndall Mining District near Patagonia, Santa Cruz County, Arizona.
4. Applicant's interest in or ownership of property:
Applicant has lease from G. J. Bible, owner.
5. Loan requested:
\$5,000.
6. Loan recommended:
None.
7. Comments:
(A) Information as to possible ore bodies is very vague. The Frank C. Schrader report, in respect to location and value of ores, gives second-hand information as access through the main shaft was evidently impossible at the time of his visit.

(B) Should the grade of "4 per cent in copper and a few ounces to the ton in silver, with a small quantity of gold" prove to be correct the ore would have a gross value of some \$15.00 - \$17.00 per ton. Mining of the horizontal bed, hauling and freight, smelter charges and deductions would not allow handling of this grade and mining would have to be confined to possible high grade streaks.

(C) Since the vein is horizontal and at a depth of 50 - 78 feet from the surface, the value and extent of ore could be more cheaply determined by drilling as was done in the past, the results of which are discussed by Schrader in a general way and are not indicative of ore other than in the shallow workings.

(D) It is doubtful that this property could be of benefit as an immediate and consistent producer and is therefore not worthy of a loan at this time.

ARIZONA DEPARTMENT OF MINERAL RESOURCES

Reviewed and Approved by:

Earl F. Hastings, Assistant Director
and Projects Engineer

J. S. Coupal, Director

MB-28

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
MINE OWNER'S REPORT

Date: December 19, 1939

Mine: Bradford

District: Patagonia

Location

Former name: None

Owner: G. J. Bible

Address: Box 62, Patagonia, Arizona

Operator

Address

President

Gen. Mgr.

Mine Supt.

Mill Supt.

Principal Metals: Gold, copper

Men Employed

Production Rate: None

Mill: Type & Cap.

Power: Amt. & Type

Operations: Present: None

BRADFORD

Au, Cu

Santa Cruz

12 - 1

T 21 S, R 14 E

Operations Planned: None

Mrs. G. J. Bible, Patagonia

'43

Number Claims, Title, etc. Four

Description: Topog. & Geog: Have none

Mine Workings: Amt. & Condition: Shaft caved in - have to start from surface

(over)

Geology & Mineralization: I have none. The P. D. Co. made one - they have it - that was made before I got this ground. I am told that they offered \$45,000 cash for it, but was tied up and could not get it at that time.

Ore: Positive & Probable, Ore Dumps, Tailings: Fairly good. Most of washed away. Probably could pick out one car of ore that would ship.

Mine, Mill Equipment & Flow Sheet: None

Road conditions, route: Cost about \$100 to fix the road.

Water supply: All kinds of water

Brief history: This property shipped many thousands of dollars of high grade gold and silver and copper ore from this property.

Special problems, Reports Filed: None

Remarks: This property was worked in the early days for gold, copper and as late as 1909. I don't know whether it was worked later or not. I saw two assays that a mining man took from it in 1909. One ran \$71.40 gold and the other \$7.20. The one from the bottom of the shaft ran \$71.40 - the other was taken from the dump.

If property for sale: Price, terms and address to negotiate: Will take \$2,000 cash for it. The ground alone is worth that much, to say nothing about the mineral.

Signed: G. J. Bible

BRADFORD MINE

TYNDALL MINING DISTRICT

SANTA CRUZ COUNTY

MRS. J. G. BIBLE--PATAGONIA--OWNER

U.S.G.S. Bul. 582 - 1915 Page 219

Mineral Deposits of the Santa Rita and Patagonia Mts.,
Arizona, by Frank C. Schrader

(Tyndall District - Salero Area - 3 miles wide from
Josephine Canyon southward 6 miles to the south line
of T 21 S R 14 E near Grosvenor Hills)

The Bradford Mine is located in the southern border of the Tyndall District, 5 miles wouthwest of Patagonia, at an elevation of about 4,000 feet, in a side gulch of Sonoita Creek, from which it is about 1/3 mile distant. Bloxton, the nearest railroad station, is one mile to the east.

The mine is now owned by C. H. Ferry of New York. The deposit was discovered in the late seventies and has been worked at intervals, at first for gold and later for copper. It is reported that recently the Copper Queen Company of Bisbee, has taken over the mine and will develop it on a large scale.

The property comprises a group of five (four?) patented claims. It is developed to a depth of about 200 feet mainly by shafts and drifts aggregating about 1,000 feet of work distributed on three levels but mainly on the 60 and 120 foot levels. The mine is in hilly ground, but it is reached by wagon road of fair grade and more directly by trail. The country rock is fine-grained diorite, and at the mine the diorite is seemingly cut by an east-west agglomeratic rhyolite dike or possibly is in contact with a sunken fault block of this rock about 240 feet in width. The deposits are associated with the contact. The dyke contains inclusions of the diorite and is transversed by a north-south sheeting. On the east the rhyolite overlies the diorite and covers Sanford Hill, where it is rather thick. Along the subordinate divide about 500 feet north of the mine it is highly silicified and replaced by quartz which is heavily iron stained, resembling vein outcroppings.

The deposits are contained in the dike, which near its middle is traversed longitudinally by silicified parallel croppings, and the openings follow the gulch across it from north to south, the main shaft being located within 600 (60?) feet of its south edge. The ore contains principally malachite, azurite, chrysocolla, and a little chalcocite. It occurs mainly in the altered rhyolite and diorite which it impregnates and replaces, and locally it is accompanied by iron oxide and quartz. The main shaft is said to have encountered, at about the 50-ft level, a large body of rich ore of this class which continued downward for 18 or 20 feet and had a considerable lateral extent, especially in a northeasterly direction a feature which considered in connection with drill tests, indicates that the ore probably occurs in a nearly horizontal bedlike body. At about 40 feet from the shaft near the south contact of the dike, the drill between depths of 60 and 78 feet passed through an 18-foot body of ore that seems to be similar to that

encountered in the mine at about the same level. Between depths of 78 and 297 feet the rhyolite, as shown by the drill core, contains a very finely disseminated pyrite but no other indications of ore, and from 297 to 347 feet the drill encountered only barren diorite. The run of mine ore is said to average about 4 per cent in copper and a few ounces to the ton in silver, with a small quantity of gold.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
MINE OWNER'S REPORT

Date: December 19, 1939

Mine: Bradford

District: Patagonia

Former name: None

Owner: G. J. Bible

Operator

President

Mine Supt.

Principal Metals: Gold, copper

Production Rate: None

Power: Amt. & Type

Operations: Present: None

Operations Planned: None

Location

Address: Box 62, Patagonia, Arizona

Address

Gen. Mgr.

Mill Supt.

Men Employed

Mill: Type & Cap.

BRADFORD

Au, Cu

Santa Cruz

12 - 1

T 21 S, R 14 E

Mrs. G. J. Bible, Patagonia

Number Claims, Title, etc. Four

Description: Topog. & Geog: Have none

Mine Workings: Amt. & Condition: Shaft caved in - have to start from surface

(over)

Geology & Mineralization: I have none. The P. D. Co. made one - they have it - that was made before I got this ground. I am told that they offered \$45,000 cash for it, but was tied up and could not get it at that time.

Ore: Positive & Probable, Ore Dumps, Tailings: Fairly good. Most of washed away. Probably could pick out one car of ore that would ship.

Mine, Mill Equipment & Flow Sheet: None

Address: Box 62, Patagonia, Arizona

Road conditions, route: Cost about \$100 to fix the road.

Water supply: All kinds of water

Brief history: This property shipped many thousands of dollars of high grade gold and silver and copper ore from this property.

Special problems, Reports Filed: None

Remarks: This property was worked in the early days for gold, copper and as late as 1909. I don't know whether it was worked later or not. I saw two assays that a mining man took from it in 1909. One ran \$71.40 gold and the other \$7.20. The one from the bottom of the shaft ran \$71.40 - the other was taken from the dump.

If property for sale: Price, terms and address to negotiate: Will take \$2,000 cash for it. The ground alone is worth that much, to say nothing about the mineral.

Signed: G. J. Bible

(over)

John Ageton came in office, regarding the securing of a right of way to Brafford mine, three patented claims, Bradford, Salvation and Delta Claims. Dates back to 1895 and shipped ore to the Cababajas Patagonia branch of the railroad. GI WR 4-3-74

RA

Nyal Niemuth

From: Nick Priznar <NPriznar@dot.state.az.us>
To: 'NYAL NIEMUTH' <njn22r@hotmail.com>
Sent: Monday, December 13, 1999 5:38 PM
Subject: Copper Mineralization and Alteration Exposed in Landslide

Nyal

I have been working in on a rock fall project in southern Arizona on SR 82 near Mile Post 15.6. That's approximately T22S R15E Sec 21 and 22. Just south of BM 3911.

Anyway I noticed some unusual silica and ferruginous alteration in the Gringo Gulch volcanics, (Tuff ?Dacite ?) Upon climbing upon some landslide debris in the area, I discovered that there was an unusual amount of native copper deposited within the joints and fissures of the site boulders. However, Very little of the usual Blue colored blooms of copper sulfate, Chrysocolla or pyriteized ore occurred with the apparently non-oxidized copper metal. The veins? are quite thin +/- 1/4 inch.

With all this apparent mineralization so close to our highway I was wondering if there is any record of mining activity at this location. A historical marker close to the site indicate that this area is south of John Wards Ranch which was at one time the headquarters for a mine. Circa 1905

When you get a few extra minutes I would appreciate it if you could look at your maps and tell me if you have any record of mining activity at this location.

Thanks
Nick Priznar

12/14/1999

Nyal Niemuth

From: Nyal Niemuth <njn22r@hotmail.com>
To: Nick Priznar <npriznar@dot.state.az.us>
Sent: Tuesday, December 14, 1999 8:29 AM
Subject: Santa Cruz Cu show

Nick, interesting. Could be a good collecting spot for native Cu. This property fills the loation. Structure above, data below. Nyal

```

Record#  NUMBER FILE CONT CONT1 PRINAME          ALTNAME1
          ALTNAME2          ALTNAME3          ALTN
AME4      ALTNAME5      ALTNAME6
          CURSTAT      MNAME          NLATDEG NLATMIN NLATSEC
WLONGDEG WLONGMIN WLONGSEC TOWN  RANGE SECTION QUARTER COM1 MODI1  COM2
MO
DI2      COM3 MODI3      COM4 MODI4      COM5 MODI5      COM6 MODI6
          COM7 MODI7      BIB1          BIB2
          BIB3          B
IB4      BIB5
          BIB6          BIB7
          BIB8
66  54  F    0 .F.  BRADFORD

```

```

          PAST PRODUCER  MOUNT WRIGHTSON - 15 MIN    31  30  45
110  49  22  22 S 15 E 21  NW  CU  OXIDE    AG
          PB          AU
          KEITH, S.B., 1975, AZBM INDEX OF MINING PROP. IN SANTA CRU
Z CO. BULL. 191          ADMMR "U" FILE CU 32  NOT MAPPED    A
ZBM CARD FILE SANTA CRUZ CO.          SCHRADER, F.C., 1915, USGS BULL. 58
2, P. 219  ADMMR BRADFORD MINE FILE

```

* GENERAL REFERENCES

REFERENCE 1 F1 < ABG-MT-USBM E DATA

REFERENCE 2 F2 < USBM FILES, BRADFORD MINE

REFERENCE 3 F3 < ADMR FILE DATA, BRADFORD MINE

REFERENCE 4 F4 < ABG-MT CLIPPINGS FILE, BRADFORD COPPER MINING CO.

L110 < C.H. FERRY (1915) W.H. WORTHINGTON (1913), SONOITA COPPER CO. (1916). PROPERTY COMPRISES 9 CLAIMS: 4 UNPATENTED, 5 PATENTED INCLUDING CLAIMS OF BRADFORD, SALVATION, AND DELTA; WORKED AT INTERVALS, FIRST FOR GOLD AND LATER FOR COPPER >

M110 < RANGES IN THICKNESS FROM 18-20 FT.; FINELY DISSEMINATED PYRITE FOUND BETWEEN 78 AND 297 FT. BELOW SURFACE >

K5 < BE A SUNKEN FAULT BLOCK OF RHYOLITE WELDED TUFF; DEPOSITS CONTAINED WITHIN DIKE >

N75 < IRON-STAINED, RESEMBLING VEIN CROPPINGS >

N80 < IMPREGNATED WALL ROCK >

F5 < SCHRADER F.C. 1915 USGS BULL. 582 p. 219-220 >

F6 < DREWES H. 1971 USGS MAP T-614 (1:48000) >

F7 < DREWES H. 1972 USGS PROFESSIONAL PAPER 748, p. 7-9 >

F8 < KEITH S.B. 1975 ABM BULL. 191, p. 84 >

F9 < ABG-MT FILES, STANTON B. KEITH >

2112-454

U.S. CRIB-SITE FORM

RECORD IDENTIFICATION

*RECORD NUMBER B10 < 32405 > *RECORD TYPE B20 < X, 1, M > *DEPOSIT NUMBER B40 < >
 *REPORT DATE G1 < 32405 > *INFORMATION SOURCE B30 < 1, 2 > *FILE LINK IDENT. B50 < USBM-0040230134 >
 *REPORTER(SUPERVISOR) G2 < CALDER SUSAN R. > (last, first, middle initial) (last, first, middle initial)
 *REPORTER AFFILIATION G5 < ABG-MT > *SITE NAME A10 < BRADFORD MINE file >
 *SYNONYMS A11 < >

LOCATION

*MINING DISTRICT/AREA A30 < BRADFORD DISTRICT > *STATE A50 < AZ > *COUNTRY A40 < U.S. >
 *COUNTY A60 < SANTA CRUZ >
 *PHYSIOGRAPHIC PROV. A63 < 1, 2 >
 *DRAINAGE AREA A62 < 1, 5, 45, 3, 0, 1, 4, LOWER COLORADO >
 *QUADRANGLE NAME A90 < MT. WRIGHTSON > (1, 9, 5, 8, 1, 1) *LAND STATUS A64 < 0, 1, 4, 1, 1, 9, 7, 9, 1 >
 *SECOND QUAD NAME A92 < PATAGONIA > (1, 9, 8, 1, 1) *QUADRANGLE SCALE A100 < 6, 2, 5, 0, 0 >
 *ELEVATION A107 < 4, 0, 4, 0, 4, FT. > *SECOND QUAD SCALE A91 < 2, 4, 0, 0, 0 >

UTM

*NORTHING A120 < 3486200 >
 *EASTING A130 < 516825 >
 *ZONE NUMBER A110 < 1, 2 >

*ACCURACY

ACCURATE (ACC) (circle)
 ESTIMATED EST

GEODETIC

*LATITUDE A70 < 31-30-44 N >
 *LONGITUDE A80 < 110-49-22 W >

CADASTRAL

*TOWNSHIP(S) A77 < 022S > *RANGE(S) A78 < 015E >
 *SECTION(S) A79 < 21 >
 *SECTION FRACTION(S) A76 < NW OF NW >
 *MERIDIAN(S) A81 < GILA AND SALT RIVER >

*POSITION FROM NEAREST PROMINENT LOCALITY A82 < 4.5 MILES SW OF PATAGONIA; 1/2 MILE NW OF SANFORD BUTTE >
 *LOCATION COMMENTS A83 < IN NORTHERN SIDE GULCH OF SONOITA CREEK >

* ESSENTIAL INFORMATION

* ESSENTIAL SOMETIMES OR HIGHLY RECOMMENDED

COMMODITIES PRESENT	C10	Cu, Pb, Zn, Au, Ag, Fe, Mn, Ni, Co, V, Cr, Ti, Al, Si, K, Na, Ca, Mg, Ba, Sr, La, Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu, Sc, Y, Zr, Hf, Ta, Nb, Mo, W, Re, Os, Ir, Pt, Rh, Pd, Ag, Au, Hg, Tl, Pb, Bi, Po, At, Rn, Fr, Ra, Ac, Th, Pa, U, Np, Pu, Am, Cm, Bk, Cf, Es, Fm, Md, No, Lr, La, Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu, Sc, Y, Zr, Hf, Ta, Nb, Mo, W, Re, Os, Ir, Pt, Rh, Pd, Ag, Au, Hg, Tl, Pb, Bi, Po, At, Rn, Fr, Ra, Ac, Th, Pa, U, Np, Pu, Am, Cm, Bk, Cf, Es, Fm, Md, No, Lr
ORE MINERALS	C30	MALACHITE, AZURITE, CHRYSOCOLLA, CHALCOCITE, PYRITE
COMMODITY SUBTYPES	C41	
GEN. ANALYTICAL DATA	C43	ORE VALUES AVERAGED 10% Cu, 4 OZ./TON Ag, MINOR Pb AND Au
COM. INFO. COMMENTS	C50	

	PRODUCER									
MAJOR PRODUCTS	MAJOR (C <u>u</u>)									
MINOR PRODUCTS	MINOR (A <u>g</u> P <u>b</u> A <u>v</u>)									
POTENTIAL PRODUCTS	POTEN ()									
OCCURRENCES	OCCUR ()									

MAIN COMMODITIES PRESENT C11 < | | | | | | | | | | | | | | | | | | | | |

MINOR COMMODITIES PRESENT C12 < | | | | | | | | | | | | | | | | | | | | |

OCCURRENCES occur < | | | | | | | | | | | | | | | | | | | | |

PRODUCTION YES (circle) PRODUCTION SIZE SML MED LGE (circle one)

PRODUCTION UND NO (circle one)**PRODUCER**

NON-PRODUCER

STATUS AND ACTIVITY A20<4>

STATUS AND ACTIVITY A20<_>

DISCOVERER 120 (LATE 1870'S) NATURE OF DISCOVERY 130 (B) YEAR OF FIRST PRODUCTION 140 (1939) YEAR OF LAST PRODUCTION 145 (1974)
PRESENT/LAST OWNER 112 G. J. BIBLE (1939-)
PRESENT/LEAD OPERATOR 113 JOHN AGETON (1974)
EXPL./DEV. COMMENTS 1110 OPERATORS INCLUDED ED MCFARLAND (1912) COPPER QUEEN CO. (1915) A.L. HARROUN (1913) BRADFORD COPPER MINING CO. R.W. NICHOLAS (1942); OWNERS INCLUDED

DEPOSIT TYPE(S)	C40 <u>REPLACEMENT; DISSEMINATION</u>									
DEPOSIT FORM/SHAPE	M10 <u>IRREGULAR; SPORADIC IMPREGNATIONS; HORIZONTAL BED</u>									
DEPTH TO TOP	M20 <u> </u>	UNITS M21 <u> </u>	MAXIMUM LENGTH M40 <u> </u>		UNITS M41 <u> </u>					
DEPTH TO BOTTOM	M30 <u> </u>	UNITS M31 <u> </u>	MAXIMUM WIDTH M50 <u> </u>		UNITS M51 <u> </u>					
DEPOSIT SIZE	M15 <u>SMALL</u>	M15 <u>MEDIUM</u>	M15 <u>LARGE</u>	(circle one)	MAXIMUM THICKNESS M60 <u>20</u>		UNITS M61 <u>FT</u>			
STRIKE	M70 <u>NE</u>				DIP M80 <u> </u>					
DIRECTION OF PLUNGE	M100 <u> </u>				PLUNGE M90 <u> </u>					
DEP. DESC. COMMENTS	M110 <u>RHYOLITE DIKE OR BLOCK IS 240 FT WIDE; NEARLY HORIZONTAL BEDLIKE MINERALIZED BODY OR VEIN ENCOUNTERED 50-75 FT BELOW SURFACE; BED TRENDS NE AND</u>									

Workings are: SURFACE #1120 UNDERGROUND #1130 BOTH #1140 (circle one) OVERALL LENGTH #M190 < > UNITS #M191 < >
DEPTH BELOW SURFACE #M160 < 200 > UNITS #M161 < FT. > OVERALL WIDTH #M200 < > UNITS #M201 < >
LENGTH OF WORKINGS #M170 < 1000 > UNITS #M171 < FT. > OVERALL AREA #M210 < > UNITS #M211 < >
DESC. OF WORK. COM. #M220 < OPENED BY 200-FT. SHAFT; VARIOUS OTHER SHAFTS; DRIFTING MAINLY ON
100 AND 120 FT LEVELS

* AGE OF HOST ROCK(S) K1<LCRET. Y. 167 M.Y. BY K-AR DATING METHOD (DREWES, H, 1971)

* HOST ROCK TYPE(S) K1A< FINE-GRAINED QUARTZ DIORITE

* AGE OF IGNEOUS ROCK(S) K2<LCRET. Y.

* IGNEOUS ROCK TYPE(S) K2A< AGGLOMERATIC RHYOLITE DIKE ; RHYOLITE WELDED TUFF AND FLOWS

* AGE OF MINERALIZATION K3<LCRET-TERT.Y.

* PERT. MINERALS (NOT ORE) K4< QUARTZ; IRON OXIDES

* ORE CONTROL/LOCUS K5< CONTACT OF DIORITE WITH WHAT APPEARS TO BE A RHYOLITE DIKE ; DIKE MIGHT

* MAJ. REG. TRENDS/STRUCT. N6< NE AND E-W TRENDING QUARTZ FISSURE VEINS CUT

* TECTONIC SETTING N15< GROSVENOR HILLS FAULT BLOCK

* SIGNIFICANT LOCAL STRUCT. N70< DIKE CONTAINS INCLUSIONS OF DIORITE AND IS TRAVERSED BY A N-S SHEETING

* SIGNIFICANT ALTERATION N75< RHYOLITE IS HIGHLY SILICIFIED AND REPLACED BY QUARTZ WHICH IS HEAVILY

* PROCESS OF CONC./ENRICH. N80< REPLACEMENT OF ALTERED RHYOLITE AND DIORITE ; ORE MINERALS HAVE ALSO

* FORMATION AGE N30< Y.

* FORMATION NAME N30A<

* SECOND FM AGE N35< Y.

* SECOND FM NAME N35A<

* IGNEOUS UNIT AGE N50<LCRET. Y.

* IGNEOUS UNIT NAME N50A< JOSEPHINE CANYON DIORITE

* SECOND IG. UNIT AGE N55<LCRET. Y.

* SECOND IG. UNIT NAME N55A< SALERO FORMATION - UPPER MEMBER

* GEOLOGY COMMENTS N85< ON THE EAST RHYOLITE OVERLIES DIORITE AND COVERS SANFORD HILL ; MID-SECTION OF DIKE IS TRAVERSED LONGITUDINALLY BY SILICIFIED PARALLEL CROPPINGS

GENERAL COMMENTS GEN<

J. Ann Schmitt
39222

ARIZONA DEPARTMENT OF MINERAL RESOURCES
MINERAL BUILDING, FAIRGROUNDS
PHOENIX, ARIZONA

December-10,-1957

February 6, 1958

To the Owner or Operator of the Arizona Mining Property named below:

<u>BRADFORD</u>	<u>GOLD COPPER</u>
(Property)	(ore)

We have an old listing of the above property which we would like to have brought up to date.

Please fill out the enclosed Mine Owner's Report form with as complete detail as possible and attach copies of reports, maps, assay returns, shipment returns or other data which you have not sent us before and which might interest a prospective buyer in looking at the property.



FRANK P. KNIGHT,
Director.



REASON CHECKED
Unclaimed _____
Unknown _____
For better address _____
Moved, Left no address _____
No such office in state _____

Mr. C. J. Bible
Box 62
Patagonia, Ariz.

Jo Ann Schmidt
39227

ARIZONA DEPARTMENT OF MINERAL RESOURCES
MINERAL BUILDING, FAIRGROUNDS
PHOENIX, ARIZONA

~~December 10, 1957~~

February 6, 1958

To the Owner or Operator of the Arizona Mining Property named below:

BRADFORD

(Property)

GOLD COPPER

(ore)

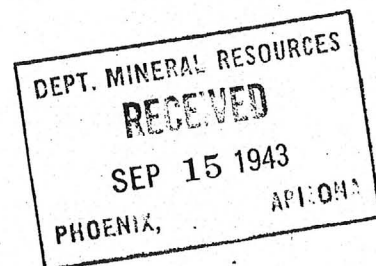
We have an old listing of the above property which we would like to have brought up to date.

Please fill out the enclosed Mine Owner's Report form with as complete detail as possible and attach copies of reports, maps, assay returns, shipment returns or other data which you have not sent us before and which might interest a prospective buyer in looking at the property.

FRANK P. KNIGHT,
Director.

Enc: Mine Owner's Report

Patagonia, Arizona *Bull 2*
Sept 13, 1943



J. S. Coupal, Director
Phoenix
Arizona

Dear Mr. Coupal:

Your letter with copies of Bradford report received.
Many thanks for your kindness. I hope you will be successful in getting someone interested in the Bradford mine, as it is going to be hard for me to carry on alone. I also have other claims that would make good mines if there was someone willing to spend a little money on them.

Thanking you in advance.

Yours very truly,

Mrs. G. J. Bible

Mrs. G. J. Bible

August 25, 1943

Mrs. G. J. Bible
Box 62
Patagonia, Arizona

Dear Mrs. Bible:

I am returning herewith your
copy of the report on the Bradford Mine.

Yours very truly,

J. S. Coupal, Director

JSC:LP
Enc.

12 December 1939

Mr. G. J. Bible,
Box 62,
Patagonia, Arizona.

Dear Mr. Bible:

I thank you for your letter of December 10. I do think it advisable for you to list your property with the Department of Mineral Resources, and I am enclosing herewith a blank Mine Owners Report, which I should suggest that you fill out in detail and return for our files so that we may have the information in case of an inquiry.

With best wishes, I am

Yours very truly,

J. S. Coupal
Director

JSC-jrf

encl.

G.J. BIBLE
Box 62
Patagonia Arizona

De

1939

My Dear Mr Coupal I received your letter of the 12
I notice in your letter that you Took up the Assaying for the
prospectors and Failed I think it is one of the best things
we could get through as they are payed by the Tax payers of the
state and ther is no class of people that helps bring the countr
y out the Prospectors and we are abused more than any other clas
of people we are called lyers ever place even over the Air I
dont think there was aman that made atalk over the air in Tucson
but what called us that. and it went all over the world and you
wonder why we was sore If we had of got up and Called the minin
g M.E. such names we would have throwed out of the house But
that is pased With all our work living on Jack rabbits and sleep
ing with the Skinke and trying td develop the country that is the
credit we get. We well know that we are at the micy of the mining
M.E. report and now we have to take the water out of the shafts
they will not help us one cent to get started if we could get he
lp from the mining men I think it would be a great help to the sta
te and there would be many small mines working that is idle to
day we aught work to geather as it takes both of us to make a
mine Next Tusday is our reglar meeting here for the last 2 or 3
meetings only a few out that is the reason that I wrote to and as
k if we could not get some way to get them coming back I ask the
m to end they say what is the use nothing for us small miners
you could think up something new that would help the small miners
proably would bring them all back

Yours Truly

P.S I made out that report on the Old Bradford mine you was on
You might ad what ever you think you see on the property

G.J. Bible
Box 62
Patagonia Arizona

Nov 10 1939

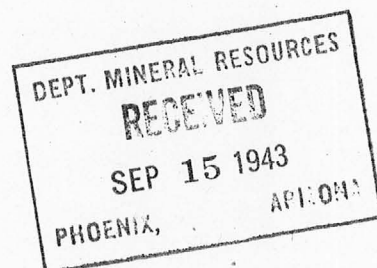
My Dear Sir I received a letter from Mr Robert Craig
Of Phoenix Saying that you are getting up a list of small mining
Property If You think it advisable I would like to List my Property
With you I have a group of claims That runs Lead Silver and Zink
I have a shaft Down 200 feet with Ore all the way from the surface that
will run 10 Oz in silver 11 per cent Lead And 9 per cent in zink and
\$2.00 in gold this shaft is well timbered and in good shape except a
little above the water It makes about 2,000 Gal in 24 hours the water
comes in about the 100 foot If I could raise enough money to run a
cross cut 310 feet I would cut 5 other ledges that ought to make better
than the one that I am on Then we would have plenty of Ore to Justify
a mill I can produce about 15 ton per day now Of course some of
the ore will ship this is taking all of the ledge that I have give
you what it will run per ton There is some very high grade ore in it
that will run as high as 600 Oz If you think that property like this
Could be listed with what you are getting up I will give you all details
of the property

YOURS TRULY

G.J. BIBLE



Patagonia, Arizona *Bull 2*
Sept 13, 1943



J. S. Coupal, Director
Phoenix
Arizona

Dear Mr. Coupal:

Your letter with copies of Bradford report received.
Many thanks for your kindness. I hope you will be successful in getting someone interested in the Bradford mine, as it is going to be hard for me to carry on alone. I also have other claims that would make good mines if there was someone willing to spend a little money on them.

Thanking you in advance.

Yours very truly,

Mrs G. J. Bible

Mrs. G. J. Bible

August 25, 1943

Mrs. G. J. Bible
Box 62
Patagonia, Arizona

Dear Mrs. Bible:

I am returning herewith your
copy of the report on the Bradford Mine.

Yours very truly,

J. S. Coupal, Director

JSC:LP
Enc.

12 December 1939

Mr. G. J. Bible,
Box 62,
Patagonia, Arizona.

Dear Mr. Bible:

I thank you for your letter of December 10. I do think it advisable for you to list your property with the Department of Mineral Resources, and I am enclosing herewith a blank Mine Owners Report, which I should suggest that you fill out in detail and return for our files so that we may have the information in case of an inquiry.

With best wishes, I am

Yours very truly,

J. S. Coupal
Director

JSC-jrf

encl.

G.J. Bible
Box 62
Patagonia Arizona

Nov 10 1939

My Daer Sir I received a letter from Mr Robert Craig Of Phoenix Saying that you are getting up a list of small mining Property If You think it advisable I would like to List my Property With you I have a group of claims That runs Lead Silver and Zink I have a shaft Down 200 feet with Ore all the way from the surface that will run 10 Oz in silver 11 per cent Lead And 9 per cent in zink and \$2.00 in gold this shaft is well timbered and in good shape exsept a little above the water It makes about 2.000 Gal in 24 hours the water comes in about the 100 foot If I could raise enough money to run a cross cut 310 feet I would cut 5 other ledges that aought to make better than the one that I am on Then we would have plenty of Ore to Justifia amill I can produce about 15 ton per day now Ofcourse some of tha ore will ship this is takeing all of the ledge that I have give you what it will run per ton There is some very high grade ore in it that will run as high as 600 Oz If you think that property like this Could belisted with what you are getting up I will give you all detal es of the property

YOURS TRULY

G.J. BIBLE

G.J. Bible

G.J.BIBLE
Box 62
Patagonia Arizona

Dec 1939

My Dear Mr Coupal I received your letter of the 12
I notice in your letter that you Took up the Assaying for the
prospectors and Failed I think it is one of the best things
we could get through as they are payed by the Tax payers of the
state and ther is no class of people that helps bring the countr
y out the Prospectors and we are abused more than any other clas
of people we are called lyers ever place even over the Air I
dont think there was aman that made atalk over the air in Tucson
but what called us that. and it went all over the world and you
wonder why we was sore If we had of got up and Called the minin
g M.E. such names we would have throwed out of the house But
that is pased With all our work living on Jack Rabits and sleep
ing with the Skunke and trying td develop the country that is the
credit we get. We well know that we are at the mucy of the mining
M.E. report and now we have to take the water out of the shafts
they will not help us one cent to get started if we could get he
lp from the mining men I think it would be a great help to the sta
te and there would be many small mines working that is idle to
day we aught work to geather as it takes both of us to make a
mine Next Tusday is our reglar meeting here for the last 2 or 3
meetings only afew out that is the reason that I wrote to and as
k if we could not get some way to get them coming back I ask the
m to and they say what is the use nothing for us small miners
you could think up something new that would help the small miners
proably would bring them all back

Yours Truly

P.S I made out that report on the Old Bradford mine you was on
You might ad what ever you think you saw on the property