MME Form 9
Rev. Nov. 65

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

OFFICIAL DOCKET FILE

Contract No. _____ Docket No. _____

Application
- [ ] Denied
- [x] Withdrawn

Contract
- [ ] Terminated - Not Certified
- [ ] Terminated - Certified
- [ ] Cancelled
- [ ] Royalty Agreement

The records contained in this file are marked (x) and arranged in this order:

Folder No. 1:

**Left Side**

- [ ] Royalty Audits
- [ ] Certification of Discovery
- [ ] Closing Letter
- [ ] Cost Audits
- [ ] Termination Notice or Agreement
- [ ] Recision Notice
- [ ] Assignment of Contract
- [ ] Contract Amendments
- [ ] Contract with all exhibits and annexes
- [ ] Owner's Consent to Lien and Subordination Agreement
- [x] Application and Attachments

**Right Side**

- [ ] Project Summary (final)
- [ ] Work Completed Analysis (final)

All other material filed in chronological order including the following reports if checked:

- [ ] Field Team Semiannual Report for Certified Project
- [ ] Final Field Team Report (Tab)
- [ ] Operator's Final Report (Tab)
- [ ] Interim Field Team Reports
- [ ] Operator's monthly reports and all attachments
- [ ] On-site Exam. Report (Tab)
- [ ] Settlement Sheets
- [ ] Drill Logs

Additional Folders:

**Left Side**

Folders No. _____: Reports

- [ ] Analysis of Semiannual Inspection Reports
- [ ] Project Summary (Interim) by MME Engineers

**Right Side**

- [ ] Field Team Semiannual Report for Certified Project
- [ ] Field Team Interim Reports
- [ ] Operator's Monthly Reports with Transmittal, Narrative and Maps

Folders No. _____: Maps (Use pocket folder or envelope)

Folders No. _____: Settlement Sheets

Folders No. _____: Drill Logs

Folders No. _____: Royalty Material

72195-65

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
FEDERAL CENTER, DENVER, COLORADO 80225

Office of Minerals Exploration
Building 53 Room 203

OFFICIAL COPY
O. M. E.
NOTIFIED
MAY 1 1968
INITIALS | CODE

April 29, 1968

Memorandum

To: Chief, Office of Minerals Exploration

From: Field Officer, Region III

Subject: Cleland N. Conwell (Silver)
Bride Property -- Patent 1131
Clear Creek County, Colorado

Transmitted herewith is an application for financial assistance in minerals exploration on the above-stated subject which was received in the Denver Office of Minerals Exploration field office, Region III this morning.

J. William Hasler,
Field Officer, Region III
Office of Minerals Exploration

Enclosure

MME Form 40
Jan. 65

Budget Bureau No. 42-R1006
Approval expires Dec. 31, 1968

OFFICIAL COPY O. K. E. RECEIVED 1 1968 MINING CODE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

# APPLICATION FOR FINANCIAL ASSISTANCE IN MINERALS EXPLORATION

Pursuant to Public Law 85-701 (72 Stat. 700; 30 U.S.C. 641)

**NAME OF APPLICANT** *(Full legal name and mailing address as they should appear on contract if one is executed.)*

Cleland N. Conwell
P. O. Box 407
Globe, Arizona 85501

**APPLICANT DO NOT USE THIS BLOCK**

DOCKET NUMBER: 6720

DATE RECEIVED: 5-1-68

REGION: III

DIVISION CODE:

**BUSINESS ORGANIZATION** *(Check one)*

- INDIVIDUAL [X]
- CORPORATION [ ]
- PARTNERSHIP [ ]
- OTHER *(Specify)* [ ]

STATE IN WHICH FIRM IS ORGANIZED: Arizona

**LIST CORPORATE OFFICERS OR PARTNERS HERE, IF APPLICABLE**

| NAME | ADDRESS | TITLE |
|---|---|---|
| | | |

MINERAL(S) FOR WHICH YOU WISH TO EXPLORE: Silver

ESTIMATED COST OF PROJECT: $ 26,000.00

| PROPERTY NAME | LOCATION COUNTY | STATE |
|---|---|---|
| Bride Patent 1311 | Clear Creek | Colorado |

## GENERAL INSTRUCTIONS

Before filling out this application, please read the *OME Regulations for Obtaining Federal Assistance in Financing Explorations for Mineral Reserves* (30 CFR Chap. III). To assure prompt action, your application must provide all applicable material and information specified on the back of this application form. Avoid unnecessary correspondence and delays by submitting complete and accurate information. *Please submit two copies of this application and all accompanying papers* except as otherwise noted. Place your name and address on each sheet. Each item of information, maps, and reports required as a part of this application is described on the back of this form. Identify each attached statement by the item number to which it applies. If an item does not apply to your application, show the item number on your statement and after it write "not applicable." Maps or sketches should be used to supplement narrative descriptions of the property location and boundaries in item 2, existing mine workings and geology in item 3, and the proposed exploration work in item 5. When this information is not too complex, all of it may be shown on one map or sketch. All documents and other attachments submitted as a part of this application, except those in item 3(g) which you mark to be returned, become the property of the Government and will not be returned to the applicant. Send true copies, *not originals*, of leases, contracts, and other documents which are an essential part of your business records. *File this application with the Office of Minerals Exploration, Department of the Interior,* ~~Washington, D. C., or with the nearest OME Field Office.~~ Washington, D. C., 20242, or with the nearest OME Field Office.

## CERTIFICATION

The undersigned, whether as an individual, corporate officer, partner, or otherwise, both in his own behalf and acting for the applicant, certifies that the information set forth in this form and accompanying papers is correct and complete, to the best of his knowledge and belief, and that he would not ordinarily undertake the proposed exploration under current conditions and circumstances at his sole expense.

April 22, 1968
DATED

Cleland N. Conwell
BY (Signature)

Owner
TITLE

CLELAND N. CONWELL
MINING ENGINEER
P. O. Box 407
GLOBE, ARIZONA

1. Financial Eligibility

   (a) See attachments

   (b) Not applicable

   (c) From cash reserves

2. Applicant's Rights in Land

   (a) Owner

   (b) Bride - a patented mining claim, Number 1311, located in the Idaho Springs ? mining district, Clear Creek County, Colorado.

   (c) Not applicable

3. Physical Description

   (a) See Exhibit 1

   (b) None

   (c) See Exhibit 2

   (d) None

   (e) The Bride is a vein type deposit in the Idaho Springs schist.

   (f) The past production record plus the increase in the price of silver are the reasons for examining the potential of the property. I have not taken any samples, nor have I explored the working in the past 20 years. I did examine the upper levels about 20 years ago and concluded the mine was worth purchasing.

   (g) Part of this exploration program will be to prepare an engineering and geological report. ?

Cleland N. Conwell
Globe, Arizona

4. Accessibility of Property

(a) Either Vinton Jameson of Broomfield, Colorado or Cleland Conwell of Globe, Arizona, will meet the OME representative. The property is reached by a dirt road going from Idaho Springs to Central City via Virginia Canyon. The mine is about four miles from Idaho Springs. The mine is easily accessible from the Virginia Canyon road. I do not know the accessibility of mine working. I expect the upper adit will be open.

(b) Idaho Springs, Colorado would be the supply point. Ore or concentrates would be shipped via Golden, Colorado or Rollinsville, Colorado, either of which is about 25 miles from the mine.

5. Exploration Work

(a) The exploration work will be completed in three phases.

1. A geological survey to map and sample all accessible openings along the vein, including a profile along the vein and possibly making additional surface exposures to sample and measure the width of the vein.

2. Advance a drift, not larger than 4 ft. x 7 ft., along vein in the upper tunnel level for 100 feet.

3. If the first two phases indicate a good change of finding profitable ore, advance the drift another 200 feet and drive three - 3 ft. x 6 ft. raises above the tunnel level for a total of 150 feet.

(b) It is not anticipated that an access road will be required.

(c) If a contract were concluded prior to June 10, 1968, work could start on that day.

6. Experience

I am a mining engineer, registered in Colorado and Arizona and expect to provide general supervision of the work.

Cleland N. Conwell
Globe, Arizona

7. Estimate of Cost

The work is proposed under a fixed unit cost basis.

Phase 1 - Cost - $1,000.00

Phase 2 - Cost - $70.00 per foot of drift or total cost - $7,000.00

Phase 3 - Cost - $60.00 per foot of drift or total cost of $12,000.00 and cost of raise $40.00 per foot or $6,000.00

Total cost of project - $26,000.00

(a) No independent contracts

(b) Geological and engineering service will be available.

(c) Included in unit cost.

(d) Included in unit cost.

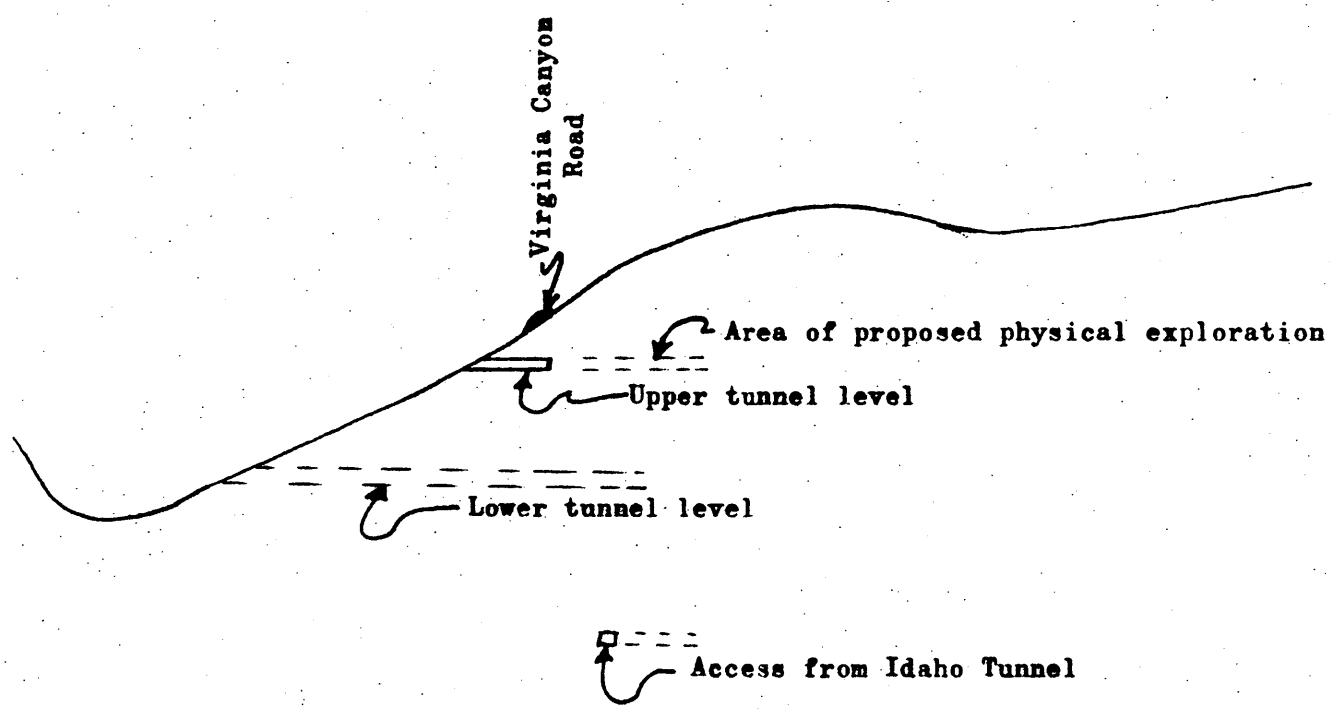
(e) Included in unit cost.

(f) Included in unit cost.

(g) Not applicable.

CLELAND N. CONWELL
MINING ENGINEER
P. O. Box 407
GLOBE, ARIZONA
85501

April 21, 1968




S K E T C H (no scale)

EXHIBIT 1
3 (a)

CLELAND N. CONWELL
MINING ENGINEER
P. O. Box 407
GLOBE, ARIZONA

# PRODUCTION RECORD

(From U. S. Bureau of Mines Statistical Section)

## BRIDE MINING CLAIM

| Year | Tons | oz Au | oz Ag | lb. Pb | Au oz pt | Ag oz pt | Pb % |
|---|---|---|---|---|---|---|---|
| 1902 | 47 * | 29 | 844 | 3,229 | .62 | 17.96 | 3.4 |
| 1903 | 40 * | 11 | 453 | 1,684 | .275 | 11.32 | 2.1 |
| 1910 | 251 * | 90 | 3,438 | 95,091 | .358 | 13.70 | 19.42 |
| 1911 | 200 * | 77 | 3,748 | 63,288 | .385 | 17.40 | 15.82 |
| | 5,212 | 766 | 25,343 | 563,743 | .147 | 4.87 | 5.40 |
| 1912 | 31 | 9 | 588 | 7,569 | .290 | 18.97 | 12.2 |
| | 2,610 | 336 | 14,143 | 245,795 | .13 | 5.42 | 4.71 |
| 1922 | 40 | 5 | 136 | 2,384 | .125 | 3.40 | 2.98 |
| | 16 * | 9 | 266 | 5,686 | .562 | 16.62 | 17.7 |
| 1935 | 173 (3) | 46 | 2,934 | 34,400 | .266 | 16.96 | 9.90 |
| 1936 | 158 | 21 | 989 | 11,980 | .132 | 6.26 | 3.79 |
| | 156 | 40 | 2,700 | 12,208 | .256 | 17.30 | 3.91 |
| 1945 | 857 | 94 | 4,169 | 50,306 | .11 | 4.86 | 2.94 |
| Total | 9,751 | 1533 | 59,751 | 1,097,363 | .157 | 6.127 | 5.92 |

* Crude ore

Note: (1) Values given are for recovered metal - concentrating efficiency unknown.
(2) Copper and zinc production has not been given because of minor value when shipping to a lead smelter.
(3) Production grouped with 11 other mines.

EXHIBIT 2
3 (c)

CLELAND N. CONWELL
MINING ENGINEER
P. O. Box 407
GLOBE, ARIZONA

April 22, 1968

Western Savings and
Loan Association
300 North Broad
Globe, Arizona 85501

Gentlemen:

I own the Bride Mining Claim, Patent Number 1311, in Clear Creek County, Colorado. The Bride mine has produced about 59,000 ounces of silver in the past.

I would like to borrow $26,000 to explore and reopen the silver mine.

Sincerely yours,

Cleland N. Conwell

Cleland N. Conwell

CNCpd

1a

**WESTERN SAVINGS**
AND LOAN ASSOCIATION
GLOBE OFFICE • TELEPHONE 425-5789
300 NORTH BROAD — GLOBE, ARIZONA 85501

April 23, 1968

Mr. Cleland Conwell
P. O. Box 407
Globe, Arizona

Dear Mr. Conwell:

We appreciate your inquiry regarding a loan on your mining claim, but regulations prohibit us from making loans on that type property.

NG

Sincerely,

Harvey B. Clifford
Manager

1a

CLELAND N. CONWELL
MINING ENGINEER
P. O. Box 407
GLOBE, ARIZONA

April 22, 1968

Valley National Bank
P. O. Box 231
Globe, Arizona 85501

Gentlemen:

I own the Bride Mining Claim, Patent Number 1311, in Clear Creek County, Colorado. The Bride mine has produced about 59,000 ounces of silver in the past.

I would like to borrow $26,000 to explore and reopen the silver mine.

Sincerely yours,

Cleland N. Conwell

Cleland N. Conwell

CNCpd

1a

# VALLEY NATIONAL BANK

P. O. BOX 231, GLOBE, ARIZONA 85501

April 23, 1968

Cleland N. Conwell
P. O. Box 407
Globe, Arizona 85501

Dear Mr. Conwell:

Thank you for your application for a loan in the amount of $26,000.00 to explore and reopen your silver mine in Colorado.

We are sorry, but would be unable to grant you this type loan for exploration purposes.

We would not be interested in granting a loan for out of state Mining Project.

Sincerely yours,

Howard Izard
Manager

HI:ab

1a

X-Copy

1-24-69

Cleland N. Conwell
P.O. Box 407, Globe, Ariz 85501

Re: OME - 6720 (Silver-Gold)

Supplemental Information

3. Physical Description
(a) See Exhibit - (3a)

(f) The veins appear to enlarge at vein junctions and changes in direction of dip or strike.

(g) - Same as Exhibit 3a

4. Accessibility of Property
(a) There is a cave at the raise shown on Exhibit 3a. Access can be gained over the cave. Other tunnels require clean up. There are rails in the Bride tunnel but none in the Hayes Adit

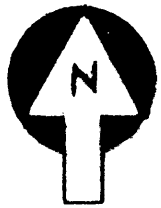
5. Exploration Work
(a) See Exhibit 5a

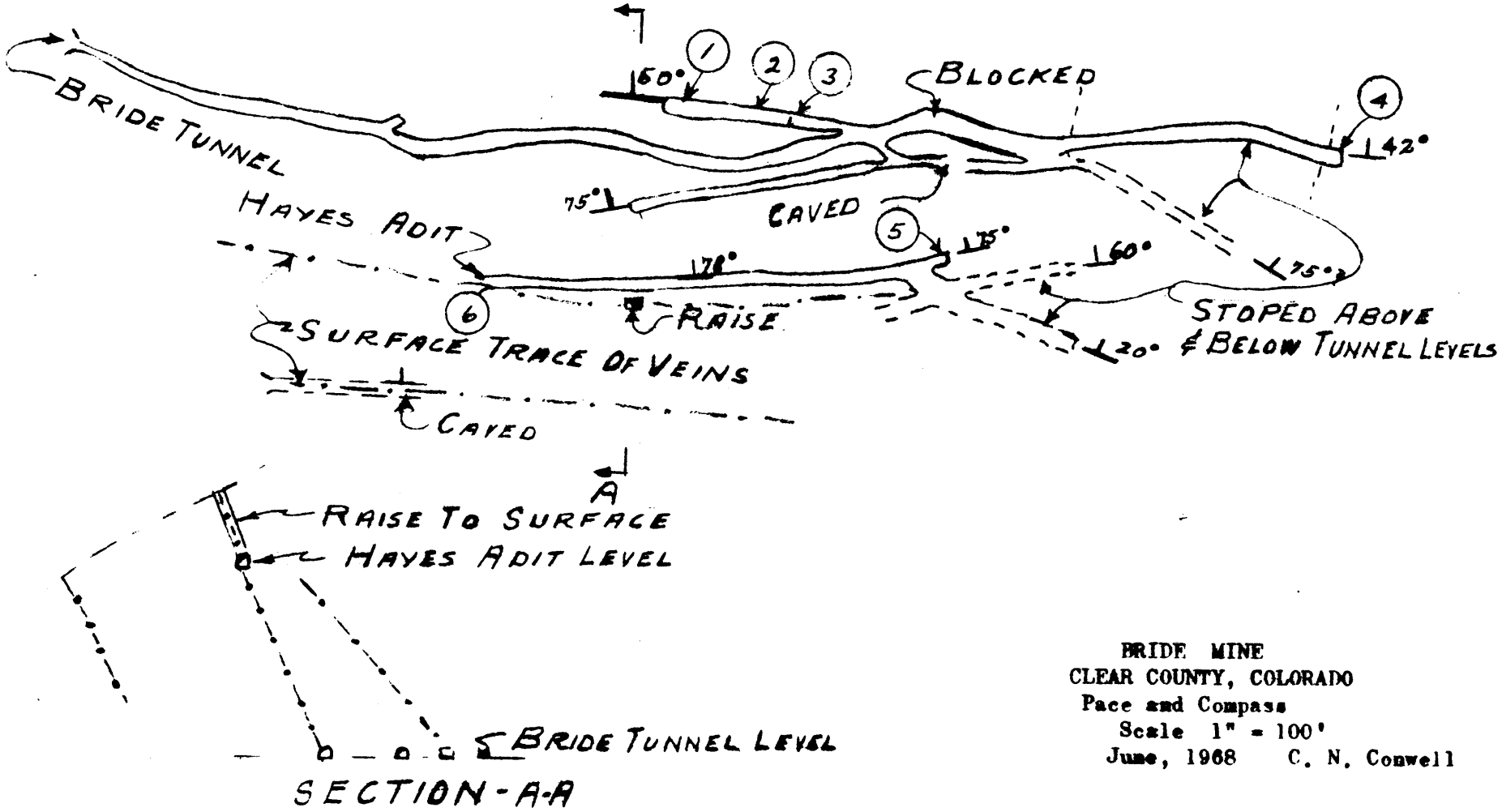
Phase I - Clean up Hayes Adit
Phase II - Drift 100' - 4x7 drift } Hayes
Phase III " " " " } Bride
Phase IV " " " "
Phase V complete 300 feet of raising

7 - Estimated Cost
(b) 1. Engineering and Geological $12.00 per hour
2. Supervisor $5.00 per hour
3. Miners $3.40 per hour
4. Mucker 2.70 per hour
(c) see Exhibit 7c
(d) " " 7d - (a & b)
(e) Allow - $50.00 to rehabilitate building.
(g) See Exhibit 7g

EXHIBIT 1(a)
3(a)

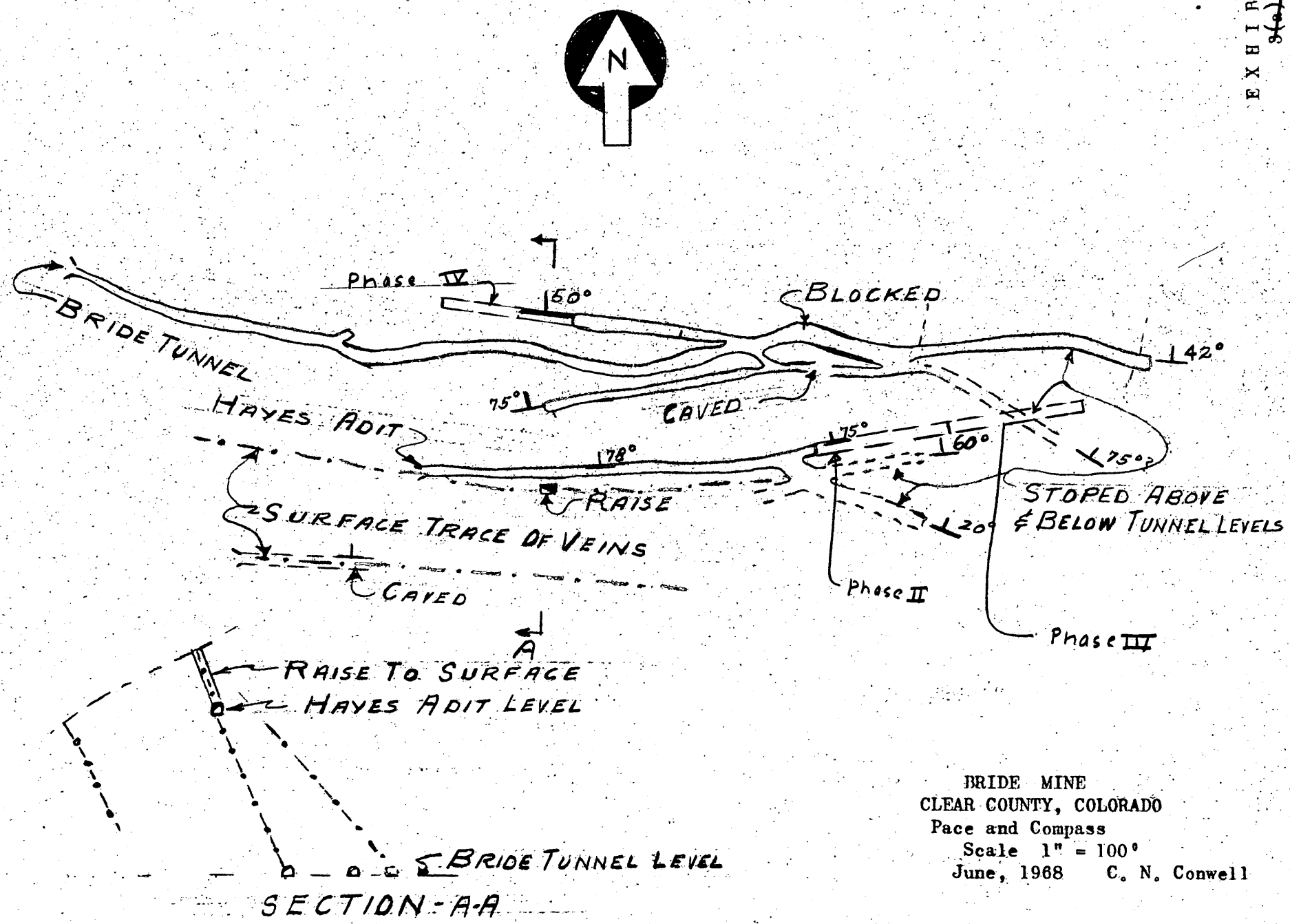
| # | Width | Oz. per ton | | Percent | | |
|---|---|---|---|---|---|---|
| | | gold | Silver | Lead | Copper | Zinc. |
| 1 | 24" | 0.28 | 15.2 | 8.5 | 0.71 | 5.4 |
| 2 | 30" | 0.13 | 10.3 | 13.4 | 1.25 | 8.6 |
| 3 | 66" | 0.14 | 3.9 | 3.3 | 0.19 | 7.5 |
| 4 | 26" | 0.05 | 4.0 | 1.4 | 0.20 | 2.8 |
| 5 | 15" | 0.18 | 15.5 | 19.1 | 1.04 | 22.8 |
| 6 | Dump Grab | 0.12 | 8.9 | 3.5 | 0.09 | 3.4 |




BRIDE MINE
CLEAR COUNTY, COLORADO
Pace and Compass
Scale 1" = 100'
June, 1968 C. N. Conwell

EXHIBIT 5(a)




BRIDE MINE
CLEAR COUNTY, COLORADO
Pace and Compass
Scale 1" = 100'
June, 1968 C. N. Conwell

EXHIBIT 5 a

BRIDE MINE
OME 6720
1-23-68

# SMALL TOOL REQUIRED

| Item | Quantity | Description | | Cost |
|---|---|---|---|---|
| 1 | 2 | Drift Picks | @ 7.00 | 14.00 |
| 2 | 3 | Shovels | @ 7.50 | 22.50 |
| 3 | 1 | 4# hammer | @ 6.00 | 6.00 |
| 4 | 1 | 8# hammer | @ 8.00 | 8.00 |
| 5 | 1 | Nail hammer | @ 3.00 | 3.00 |
| 6 | 1 | Hand saw 8pt | @ 7.50 | 7.50 |
| 7 | 1 | Cross Cut Saw | @ 13.00 | 13.00 |
| 8 | 1 | Hack saw | @ 4.00 | 4.00 |
| 9 | 2 | Rock chisels | @ 2.00 | 4.00 |
| 10 | 2 | 14" pipewrenches | @ 4.50 | 9.00 |
| 11 | 1 | pipe threader | @ 12.00 | 12.00 |
| 12 | 1 | Axe | @ 7.00 | 7.00 |
| 13 | 1 | Budget Tool Set | @ 55.00 | 55.00 |
| 14 | 1 | Geologist pick | @ 4.50 | 4.50 |
| 15 | 2 | Cap crimpers | @ 2.00 | 4.00 |
| 16 | 2 | 50' 3/4" Air hoses | @ 45.00 | 90.00 |
| 17 | 2 | 50' 1/2" Water hoses | @ 35.00 | 70.00 |
| 18 | 4 | 2' drill steels | @ 4.00 | 16.00 |
| 19 | 4 | 4' " " | @ 8.00 | 32.00 |
| 20 | 4 | 6' " " | @ 12.00 | 48.00 |
| 21 | 2 | Line Oilers | @ 26.00 | 52.00 |
| 22 | 1 | Wheel barrow | @ 30.00 | 30.00 |
| | | Total | | $511.50 |

Add Gasoline
Powder
Tie
other hardware

EXHIBIT 7C

BRIDE MINE
OME 6720
1-24-69

MINING EQUIPMENT
AVAILABLE FROM OWNER

2 - 45 pound class jackhammers
Good condition - value $350.00
1 - Rail bender
Good condition value $50.00
300 ± Drill bits
@ 25¢ each
1 - Electric Blasting Cap tester
Good condition value $15.00
1 - ¼" drill
Good condition value $10.00
1 - Electric saw
Good condition value $50.00
1 - 3/8" drill
Good condition value $15.00

EXHIBIT 7d-(a)

BRIDE MINE
OME 6720
1-24-68

# CAPITAL EQUIPMENT ITEMS REQUIRED

| | | |
|---|---|---|
| 1. | Jack LEG (purchase) | $245.00 |
| 2. | Stoper (purchase if required) | $900.00 |
| 3 - | 2- MINE CARS @ 175.00 (purchase) | 350.00 |
| 4 - | Compressor 125 CFM (Attempt rental or rental purchase) | $5,600.00 |
| 5. | 6- Electric light set with battery charger (omit initially) | |
| 6. | RAIL (purchase) 900 ft - | $520.00 |
| 7 | Air Pipe purchase - 500 - ft | $200.00 |
| 8 | 2 Drum Slusher Hoist | |
| 9 | 1,500 KW light plant - omit initially - | |
| 10 | Chain saw - (purchase) | $130.00 |
| 11 | 2 Jackhammers. Rental from owner - | $700.00 |
| 12 | 1½ ton electric trammer omit initially. | |
| 13 | 1- 1000 lb pull- air tugger Rental- | $1200.00 |
| 14. | 1- Pick up Truck Rental from owner | $2800.00 |

EXHIBIT 7d (6)

BRIDE MINE
OME 6720
1-24-69

Analytical work
1- assay for each 10'
Assay for Au. Ag. Pb. Zn and Cu.
Cost per assay - $11.00
Estimated Cost of assays - $550.00

Accounting
Estimate of review of bookkeeping $100.00

Insurance etc. estimated at 10%
of payroll.

Estimated cost
Phase I - To clean up tunnel and start
2 weeks - 2 men + supplies.
Labor $640.00
Supplies - 765.00 — $1405.00

Phase II
2 months.

| | | |
|---|---|---|
| Labor - 2 men - | $2560.00 | |
| Equipment rental - | 1000.00 | |
| Small supplies | 500.00 | |
| Gasoline - | 80.00 | |
| Powder - | 600.00 | |
| Pipe, rail, etc. | 300.00 | |
| Timber | 200.00 | |
| | 5,240 | $5,240.00 |

Phase III (similar to Phase II $5,240.00
Phase IV 2 week for clean up 900.00
2 months for exploration 5,240 — $6,140.00
Phase V 3 months - 10,480.00

payroll - Tax $1,340
Engineering Fees - 960
Total - 31,455

EXHIBIT 7.9

MME Form 7
(2/63)

OFFICIAL FILE COPY

| Date | Surname | Code |
|---|---|---|
| 7/17/69 | Emerick | 120 |
| | | 120 |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | 220 |

AIRMAIL

JUL 17 1969

Mr. Cleland N. Conwell
P. O. Box 407
Globe, Arizona 85501

Re: OME-6720 (Silver-Gold)
Cleland N. Conwell
Bride Claim
Clear Creek County, Colorado

Dear Mr. Conwell:

Pursuant to your letter of May 30, 1969, to Mr. J. William Hasler, Field Officer, Region III, OME, your application for exploration assistance under the subject docket is considered as withdrawn and is being placed in our inactive files.

Sincerely yours,

Harold Kirkemo (glr)

Harold Kirkemo, Chief
Office of Minerals Exploration

cc; Director's Reading File
Mineral Resources File
OME Docket
OME Reading File
Region III
Mr. Emerick

WLEmerick/bsl 7/17/69

CLELAND N. CONWELL
MINING ENGINEER
P. O. Box 407
GLOBE, ARIZONA
85501

May 30, 1969

OFFICIAL COPY
O. M. E.
RECEIVED
JUL 16 1969

| INITIALS | CODE |
|---|---|
| | ~~1130~~ |
| gla | 1120 |
| JHK | 1120 |
| WE | ~~1200~~ |
| | |

OME Region III
RECEIVED
JUN 2 - 1969
Denver, Colorado

Mr. J. William Hasler
Field Officer, Region III
U. S. Geological Survey
Office of Minerals Exploration
Bldg. 53, Denver Federal Center
Denver, Colorado 80225

Re: OME-6720 (Silver-Gold)
Bride Claim
Clear Creek, County, Colorado

Dear Mr. Hasler:

I wish to express appreciate for the effort that has been expended on processing my application (OME-6720) for financial assistance for mining exploration.

In Mr. Johnson's letter of May 28, 1968, he states, "If it is withdrawn and you wish to reopen it at your future convenience, you may do so by filing a new application, referring to this OME docket number, and furnishing the information requested in the application form pertinent to your new proposal. New bank letters dated within 90 days of the filing the new application would be required, but applicable data already submitted need not be repreated" On this basis I wish to withdraw my application at this time.

My reason for withdrawing the application is the price of silver. Last summer the price was near $2.50 and since then the price has dropped to about $1.75 per ounce.

Sincerely yours,

Cleland N. Conwell

Cleland N. Conwell

MME Form 7
(2/63)

OFFICIAL FILE COPY

| Date | Surname | Code |
|---|---|---|
| 1/30/69 | Emerick | 120 |
| 1/30/69 | Kirkemo | 120 |
| | | 110 |
| | | |
| | | |
| | | |
| | | |
| 1/30 | Cal | 220 |
| | | 120M |

JAN 30 1969

**AIRMAIL**

**Memorandum**

**To:** Field Officer, Region III

**From:** Chief, Office of Minerals Exploration

**Subject:** OME-6720 (Silver-Gold)
Cleland N. Conwell
Bride Claim
Clear Creek County, Colorado

The subject application is referred to you for further study, a field examination if warranted, and recommendations.

Additional information recently submitted improves the application somewhat but it appears that we have received as much information from the Applicant as he will or can provide. If an on-site examination proves favorable the Applicant should provide a map showing the location of the mine on the Bride claim and showing claims adjacent to the Bride claim.

FRANK E. JOHNSON (gfa)
Frank E. Johnson

cc: Director's Reading File
Economic Geology File
OME Docket
OME Reading File
Mr. Emerick
130

WEmerick/bsl 1/30/69

MME Form 7
(2/63)

OFFICIAL FILE COPY

| Date | Surname | Code |
|---|---|---|
| 1/30/69 | Emerick | 120 |
| 1/30/69 | Kirkemo | 120 |
| | | 110 |
| | | |
| | | |
| | | |
| | | |
| | | 220 |
| | | 120M |

**AIRMAIL**

JAN 30 1969

Mr. Cleland N. Conwell
P. O. Box 407
Globe, Arizona 85501

Re: OME-6720 (Silver-Gold)
Cleland N. Conwell
Bride Claim
Clear Creek County, Colorado

Dear Mr. Conwell:

Thank you for the supplementary information in support of the subject application. The application for financial assistance has been referred for further consideration to Mr. J. William Nasler, Field Officer, Region III, U. S. Geological Survey, Office of Minerals Exploration, Bldg. 53, Denver, Federal Center, Denver, Colorado 80225.

Mr. Nasler will notify you if he requires additional information concerning the application and possibly to make arrangements for an on-site examination of the property.

Sincerely yours,

FRANK E. JOHNSON (gfa)

Frank E. Johnson
Chief, Office of
Minerals Exploration

cc: Director's Reading File
Economic Geology File
OME Docket
OME Reading File
Region III
Mr. Emerick
130

WLEmerick/bsl 1/30/69

1-24-69

Cleland N. Conwell
P.O. Box 407, Globe, Ariz 85501

Re: OME - 6720 (silver-Gold)

Supplemental Information

OFFICIAL COPY
O. M. E.
RECEIVED
JAN 27 1969
INITIALS CODE
1207
110
120 E

3. Physical Description
(a) See Exhibit (3a)

(f) The veins appear to enlarge at vein junctions and changes in direction of dip or strike.

(g) - Same as Exhibit 3a

4. Accessibility of Property
(a) There is a cave at the raise shown on Exhibit 3a. Access can be gained over the cave. Other tunnels require clean up. There are rails in the Bride tunnel but none in the Hayes Adit

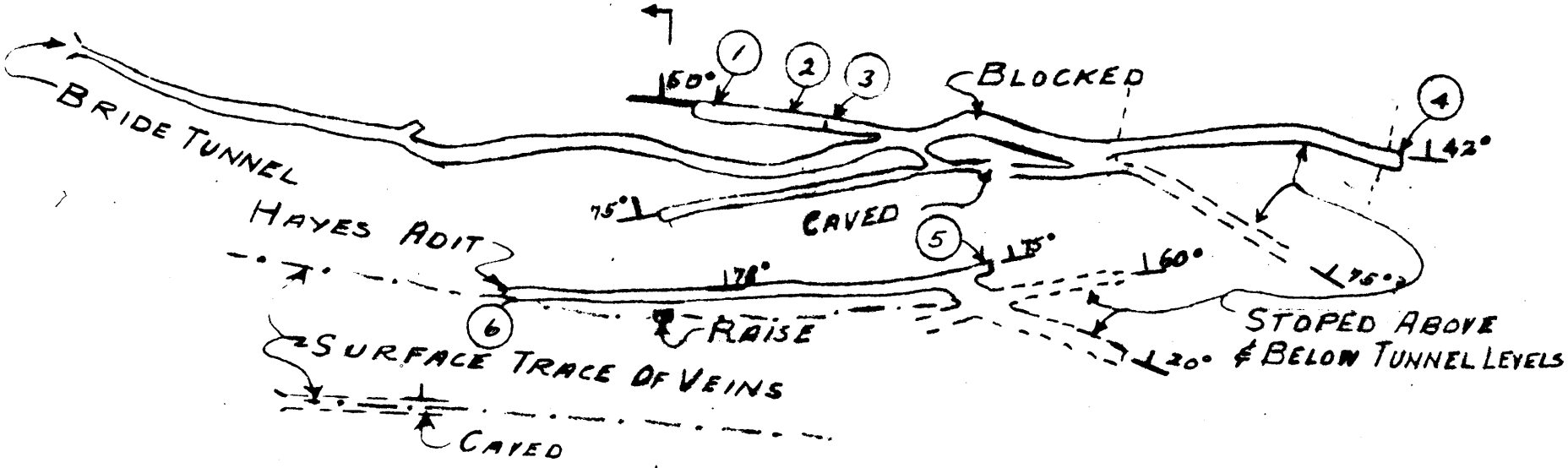
5. Exploration Work
(a) See Exhibit 5a

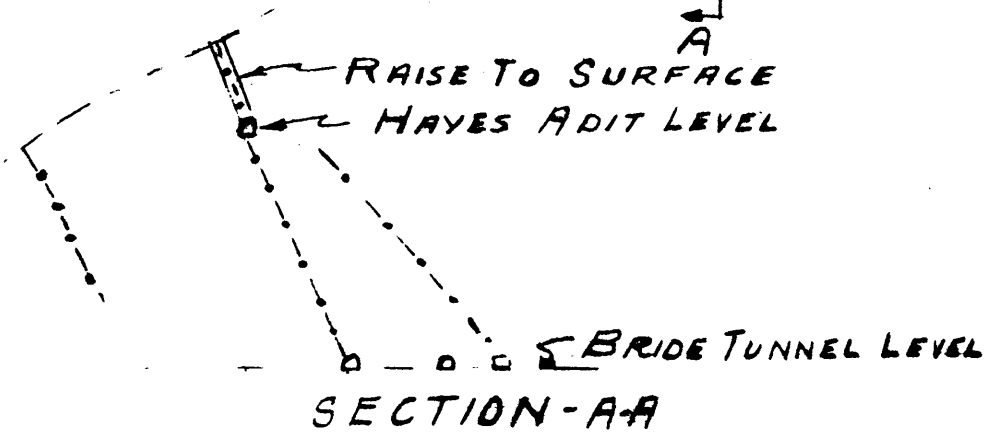
Phase I - Clean up Hayes Adit
Phase II - Drift 100' - 4x7 drift
Phase III " " " "
Phase IV " " " "
Phase V complete 300 feet of raising

7 - Estimated Cost
(b) 1. Engineering and Geological $12.00 per hour
2. Supervisor $5.00 per hour
3. Miners. $3.40 per hour
4. Mucker 2.70 per hour
(c) see Exhibit 7c
(d) " " 7d - (a & b)
(e) Allow - $50.00 To rehabilitate building.
(g) See Exhibit 7g

EXHIBIT 1(a)
3(a)

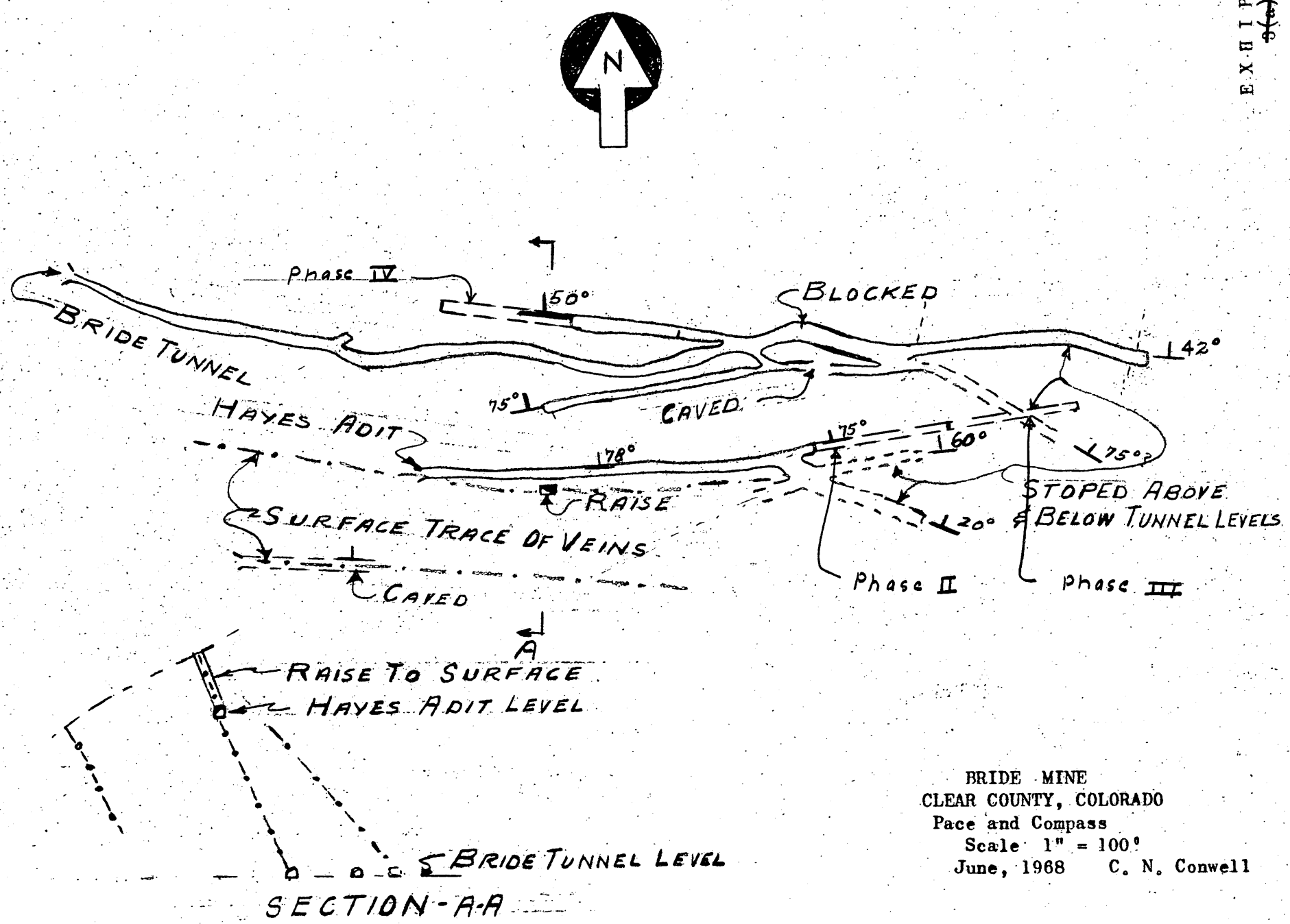
| # | Width | Oz. per ton | | Percent | | |
|---|---|---|---|---|---|---|
| | | gold | Silver | Lead | Copper | Zinc. |
| 1 | 24" | 0.28 | 15.2 | 8.5 | 0.71 | 5.4 |
| 2 | 30" | 0.13 | 10.3 | 13.4 | 1.25 | 8.6 |
| 3 | 66" | 0.14 | 3.9 | 3.3 | 0.19 | 7.5 |
| 4 | 26" | 0.05 | 4.0 | 1.4 | 0.20 | 2.8 |
| 5 | 15" | 0.18 | 15.5 | 19.1 | 1.04 | 22.8 |
| 6 | Dump Grab | 0.12 | 8.9 | 3.5 | 0.09 | 3.4 |




BRIDE MINE
CLEAR COUNTY, COLORADO
Pace and Compass
Scale 1" = 100'
June, 1968 C. N. Conwell

EXHIBIT 5a




BRIDE MINE
CLEAR COUNTY, COLORADO
Pace and Compass
Scale 1" = 100'
June, 1968 C. N. Conwell

Exhibit 5a

BRIDE MINE
OME 6720
1-23-68

# SMALL TOOL REQUIRED

| Item | Quantity | Description. | | Cost |
|---|---|---|---|---|
| 1 | 2 | Drift Picks | @ 7.00 | 14.00 |
| 2 | 3 | Shovels | @ 7.50 | 22.50 |
| 3 | 1 | 4# hammer | @ 6.00 | 6.00 |
| 4 | 1 | 8# hammer | @ 8.00 | 8.00 |
| 5 | 1 | Nail hammer | @ 3.00 | 3.00 |
| 6 | 1 | Hand saw 8pt | @ 7.50 | 7.50 |
| 7 | 1 | Cross Cut Saw | @ 13.00 | 13.00 |
| 8 | 1 | Hack saw | @ 4.00 | 4.00 |
| 9 | 2 | Rock chisels | @ 2.00 | 4.00 |
| 10 | 2 | 14" pipewrench | @ 4.50 | 9.00 |
| 11 | 1 | pipe threader | @ 12.00 | 12.00 |
| 12 | 1 | Axe | @ 7.00 | 7.00 |
| 13 | 1 | Budget Tool Set | @ 55.00 | 55.00 |
| 14 | 1 | Geologist pick | @ 4.50 | 4.50 |
| 15 | 2 | Cap crimper | @ 2.00 | 4.00 |
| 16 | 2 | 50' 3/4" Air hoses | @ 45.00 | 90.00 |
| 17 | 2 | 50' 1/2" Water hoses | @ 35.00 | 70.00 |
| 18 | 4 | 2' drill steels | @ 4.00 | 16.00 |
| 19 | 4 | 4' " " | @ 8.00 | 32.00 |
| 20 | 4 | 6" " " | @ 12.00 | 48.00 |
| 21 | 2 | Line Oilers | @ 26.00 | 52.00 |
| 22 | 1 | Wheel barrow | @ 30.00 | 30.00 |
| | | Total | | $511.50 |

Add Gasoline
Powder
Tie
other hardware

EXHIBIT 7C

BRIDE MINE
OME 6720
1-24-68

# CAPITAL EQUIPMENT ITEMS REQUIRED

| | | |
|---|---|---|
| 1. | Jack LEG (purchase) | $245.00 |
| 2. | Stoper (purchase if required) | $900.00 |
| 3 - | 2- MINE CARS @ 175.00 (purchase) | 350.00 |
| 4 - | Compressor 125 cfm (Attempt rental or rental purchase) | $5,600.00 |
| 5. | 6- Electric light set with battery charger (omit initially) | |
| 6. | RAIL (purchase) 900 ft - | $520.00 |
| 7 | Air Pipe purchase - 500 - ft | $200.00 |
| 8 | 2 Drum Slusher Hoist | |
| 9 | 1,500 kw light plant - omit initially - | |
| 10 | Chain saw - (purchase) | $130.00 |
| 11 | 2 Jackhammers. Rental from owner - | $700.00 |
| 12 | 1½ ton electric trammer omit initially. | |
| 13 | 1- 1000 lb pull- air tugger Rental - | $1200.00 |
| 14. | 1 - Pick up Truck Rental from owner | $2800.00 |

EXHIBIT 74 (6)

BRIDE MINE
OME 6720
1-24-69

MINING EQUIPMENT
AVAILABLE FROM OWNER

2 - 45 pound class jackhammers
Good condition - value $350.00
1 - Rail bender
Good condition value $50.00
300 ± Drill bits
@ 25¢ each
1 - Electric Blasting Cap tester
Good condition value $15.00
1 - 1/4" drill
Good condition value $10.00
1 - Electric saw
Good condition value $50.00
1 - 3/8" drill
Good condition value $15.00

EXHIBIT 7d-(a)

BRIDE MINE
OME 6720
1-24-69

Analytical work
1- assay for each 10'
Assay for Au. Ag. Pb. Zn. and Cu
Cost per assay - $11.00
Estimated Cost of assays - $550.00

Accounting
Estimate of review of bookkeeping $100.00

Insurance etc. estimated at 10% of payroll.

Estimated cost
Phase I - To clean up tunnel and start
2 weeks - 2 men + supplies.
Labor $640.00
Supplies - 765.00 — $1405.00

Phase II
2 months.

| | | |
|---|---|---|
| Labor - 2 men - | $2560.00 | |
| Equipment rental - | 1000.00 | |
| Small supplies | 500.00 | |
| Gasoline - | 80.00 | |
| Powder - | 600.00 | |
| Pipe, rail, etc. | 300.00 | |
| Timber | 200.00 | |
| | 5,240 | $5,240.00 |

| | | |
|---|---|---|
| Phase III | (similar to Phase II | $5,240.00 |
| Phase IV | 2 week for clean up 900.00 | |
| | 2 months for exploration 5,240 — | $6,140.00 |
| Phase V | 3 months - | 10,480.00 |
| | payroll - Tax | 1,340 |
| | Engineering Fees - | 960 |
| | Total - | 31,455 |

EXHIBIT 79

MME Form 7
(2/63)

OFFICIAL FILE COPY

| Date | Surname | Code |
|---|---|---|
| 10/28/68 | EMERICK | 120 |
| | | 120 |
| | | 110 |
| | | |
| | | |
| | | |
| | | |
| 10/29 | CAC | 220 |
| | | 120M |

**AIRMAIL**

Mr. Cleland N. Conwell
P. O. Box 407
Globe, Arizona 85501

Re: OME-6720 (Silver-Gold)
Cleland N. Conwell
Bride Claim
Clear Creek County, Colorado

Dear Mr. Conwell:

We have your letter of October 26, 1968 requesting OME to hold your application open until February 1, 1969 so you can more clearly determine whether present metal prices will influence you to continue or withdraw the application.

Accordingly, we shall be pleased to keep your file active for an additional 90 days. However, for administrative and fiscal reasons we cannot indefinitely defer action on an application. Therefore, if we do not receive any further action on your part by January 28, 1969, we shall consider the application as having been withdrawn.

Sincerely yours,

FRANK E. JOHNSON (glc)

Frank E. Johnson
Chief, Office of
Minerals Exploration

cc: Director's Reading File
Economic Geology File
OME Docket
OME Reading File
Region III w/copy of incmg ltr.
Mr. Emerick

WLEmerick/bsl 10/28/68

CLELAND N. CONWELL
MINING ENGINEER
P. O. Box 407
GLOBE, ARIZONA
85501

October 26, 1968

Mr. Frank E. Johnson
Chief, Office of Minerals Exploration
U. S. Geological Survey
Washington, D. C. 20242

Re: OME-6720 (Silver-Gold)
Bride Claim
Clear Creek County, Colorado

Dear Mr. Johnson:

I would greatly appreciate your holding the application open until February 1, 1969. The price of silver has fallen fallen from a high of $2.57 per ounce last summer to a present price of $1.90. If this price continues to decline I would want to withdraw the application.

While I was in Colorado I sampled the dump on the Bride. My sample gave value of 8.9 ounces of silver per ton. Insol was 69%. Subsequent to my letter of August 3, 1968, I had the dump resampled. If the Alumina had been in the range of 5% the ASARCO would have purchased the material a flux for there copper smelter, however the Alumina content was 15.7%.

Sincerely yours,

Cleland N. Conwell

Cleland N. Conwell

DENVER
CITY
Co. Ko. Ro.
RECEIVED
OCT 28 1968
120
120 M
120 E

MME Form 7
(2/63)

OFFICIAL FILE COPY

| Date | Surname | Code |
|---|---|---|
| 10/9/68 | EMERICK | 120 |
| | (on leave) | 120 |
| | | 110 |
| | | |
| | | |
| | | |
| | | |
| 10/9 | cal | 220 |
| | | 120M |

OCT 9 1968

AIRMAIL

Mr. Cleland N. Conwell
P. O. Box 407
Globe, Arizona 85501

Re: OME-6720 (Silver-Gold)
Cleland N. Conwell
Bride Claim
Clear Creek County, Colorado

Dear Mr. Conwell:

Your letter of August 3, 1968 indicated that you would submit additional information in support of your application for financial assistance to explore the Bride vein.

As we cannot hold an application open indefinitely, we shall consider the application as having been withdrawn unless we receive additional information within 30 days from the date of this letter.

Sincerely yours,

FRANK E. JOHNSON (gfa)

Frank E. Johnson
Chief, Office of
Minerals Exploration

cc: Director's Reading File
Economic Geology File
OME Docket
OME Reading File
OME Region III
Mr. Emerick

WLEmerick/bsl 10/9/68

MME Form 7
(2/63)

OFFICIAL FILE COPY

| Date | Surname | Code |
|---|---|---|
| 8/9/68 | RMSmith | 120 |
| 8/12/68 | Kirkham | 120 |
| | | 110 |
| | | |
| | | |
| | | |
| | | |
| 8/12 | Col | 220 |
| | | 120M |

AIRMAIL

AUG 12 1968

Mr. Cleland N. Conwell
P. O. Box 407
Globe, Arizona 85501

Re: OME-6720 (Silver-Gold)
Cleland N. Conwell
Bride Claim
Clear Creek County, Colorado

Dear Mr. Conwell:

Thank you for your letter of August 3, 1968, enclosing assay data and a map of the Bride mine, and informing us that additional information will be sent to us. We shall continue to hold the application in our active file pending its receipt.

Sincerely yours,

FRANK E. JOHNSON

Frank E. Johnson
Chief, Office of
Minerals Exploration

cc: Director's Reading File
Economic Geology File
OME Docket
OME Reading File
Region III w/copy of incoming ltr.
Mr. Smith

RMSmith/bsl 8/9/68

CLELAND N. CONWELL
MINING ENGINEER
P. O. Box 407
GLOBE, ARIZONA
85501

August 3, 1968

OFFICIAL
COPY
O. M. E.
RECEIVED
AUG 7 1968
INITIALS | CODE
120 M
110
120 S

United States Geological Survey
Washington, D. C. 20242

Re: OME-6720 (Silver-Gold)
Bride Claim
Clear Creek County, Colorado

Copy to Region

Dear Mr. Johnson:

This is the Bride vein that is described by Baston and Hill, but the proposed exploration in not in the Idaho Tunnel but by tunnels that are above the Idaho Tunnel approximate 440 feet vertical.

I am enclosing a map of the tunnels on the Bride veins, and assay certificate that were used.

The present consideration would be to market this ore in a copper smelter in El Paso and receive full payment for gold and silver, a credit for flux ,and possibly a copper credit.

As additional factual information is developed it will be sent to you.

Sincerely yours,

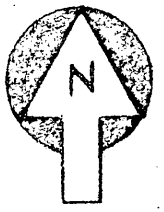
Cleland N. Conwell

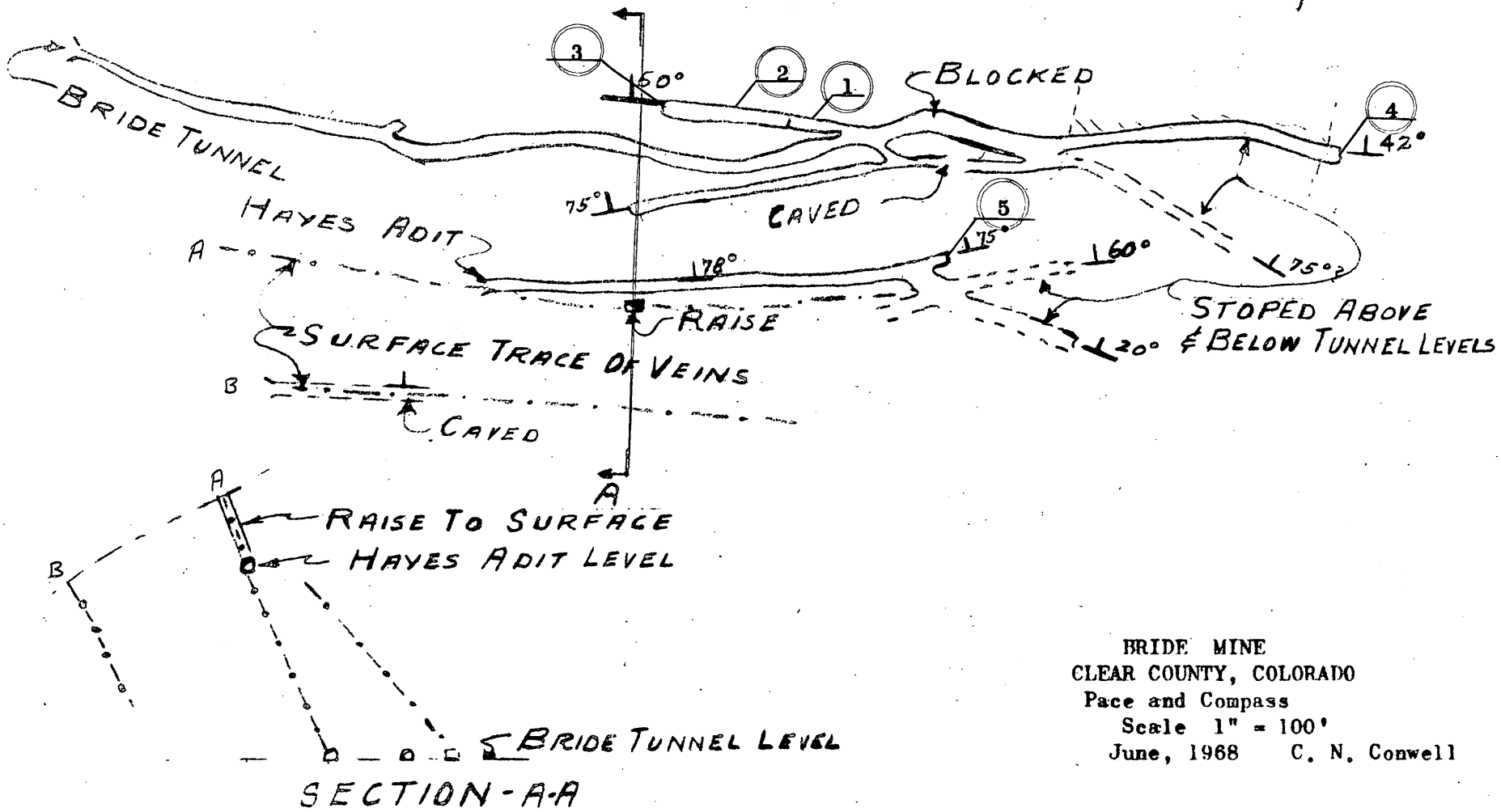
Cleland N. Conwell

EXHIBIT 1(a)
3(a)

ASSAYS

| Number | Gold | Silver | Lead | Copper | Zinc. | Width |
|---|---|---|---|---|---|---|
| 1 | 0.10 | 10.3 | 13.4 | 1.25 | 8.6 | 30" |
| 2 | 0.14 | 3.9 | 3.3 | 0.19 | 7.5 | 66" |
| 3 | 0.28 | 15.2 | 8.5 | 0.71 | 5.4 | 24" |
| 4 | 0.05 | 4.0 | 1.4 | 0.20 | 2.8 | 26" |
| 5 | 0.18 | 15.5 | 19.1 | 1.04 | 22.8 | 12" |




BRIDE MINE
CLEAR COUNTY, COLORADO
Pace and Compass
Scale 1" = 100'
June, 1968 C. N. Conwell

-980
10M 2-67

# A SAY CERTIFICATE

# 6821 UNITED STATES SMELTING REFINING AND MINING COMPANY

Name Cleland N. Conwell

Gen. Del., Idaho Springs, Colo.

Midvale, Utah, June 21, 19[illegible]

| LOT NO. | Oz. Gold Per Ton | Oz. Silver Per Ton | Per Cent Copper | Per Cent Lead | Per Cent Silica | Per Cent Iron | Per Cent Zinc | Per Cent Sulphur | Per Cent Lime | Per Cent Antimony | Per Cent Bismuth | Per Cent Arsenic | Per Cent Cadmium | Per Cent as Fe | Per [illegible] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| MS | .13 | 10.3 | 1.25 | 13.4 | | | 8.6 | | | | | | | .32 | |
| 1-A | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |

Chief Chemist

AMERICAN SMELTING AND REFINING COMPANY
SOUTHWESTERN ORE PURCHASING DEPARTMENT
P. O. BOX 5795, TUCSON, ARIZONA 85703

REED F. WELCH
MANAGER

1150 NORTH 7TH AVENUE
TELEPHONE 602-792-3010

July 29, 1968

Mr. Cleland N. Conwell
P. O. Box 407
Globe, Arizona 85501

Dear Sir:

In response to your letter of July 14th, I have received the samples from the Bride Mine near Idaho Springs, Colorado, and Jacob's Assay Office has provided the following assay results:

| | Oz. per Ton | | Percent: | | |
|---|---|---|---|---|---|
| | Gold | Silver | Lead | Copper | Zinc |
| Vein A Back | 0.14 | 3.9 | 3.3 | 0.19 | 7.5 |
| Vein A Breast | 0.28 | 15.2 | 8.5 | 0.71 | 5.4 |
| Vein B | 0.05 | 4.0 | 1.4 | 0.20 | 2.8 |
| Vein C | 0.18 | 15.5 | 19.1 | 1.04 | 22.8 |

As of this date I have not received the dump sample, but will look forward to its arrival.

I have not taken time to evaluate these products; but, in case you request this information, I will be glad to do so at a later date.

Yours very truly,

Reed F. Welch M.N.

REED F. WELCH

DEPARTMENT OF THE INTERIOR
FRANKLIN K. LANE, Secretary

UNITED STATES GEOLOGICAL SURVEY
GEORGE OTIS SMITH, Director

Professional Paper 94

# ECONOMIC GEOLOGY
OF
# GILPIN COUNTY AND ADJACENT PARTS OF CLEAR CREEK AND BOULDER COUNTIES, COLORADO

BY

EDSON S. BASTIN AND JAMES M. HILL

WASHINGTON
GOVERNMENT PRINTING OFFICE
1917

n the upper level. It has a dip of 55°–70° S. Cross fractures connect the three main fissures, and the granite gneiss between them is more or less silicified and otherwise altered. The gently dipping Treasure Vault vein in particular tends to send off small very flat lying stringers which seem in some places to cut across the middle and vertical vein. These "flats," of which there are two and possibly three between the surface and the second level, seem to have some connection with the bonanza pockets. They are generally narrow and of short length along the vein, being rarely traceable for more than 30 feet.

In the tunnel the three fissures exposed were practically barren fracture zones containing a little disseminated pyrite. At one locality in the north or Treasure Vault drift a stope 100 feet long and 10 to 15 feet high shows two stringers of gray-blue cherty quartz with pyrite, each about 4 inches wide, separated by 4 feet of very slightly altered granite gneiss.

The ore is silicified granite gneiss cut by subparallel branching stringers of blue-gray cherty silica, commonly one-fourth to one-half inch wide but reaching 4 to 6 inches in a few localities, where they are apt to inclose a drusy central cavity. On the first level in the stope east of the shaft one of the "flats" crossing the drift shows successive depositions of a thin film of dark-gray cherty silica in small disconnected patches, a film of violet-colored fluorite, one-eighth inch in maximum thickness, and a coating over all of one-eighth to one-fourth inch of ferruginous calcite. That the fluorite and calcite were deposited in open cavities is shown by their drusy surfaces.

The gangue minerals are frozen to the granite gneiss, but there is in most places a tight parting between adjacent layers of the cherty silica near the walls. A very minor amount of fine pyrite accompanied the silica, but it is more abundantly disseminated in the adjacent wall rock than in the veins proper. The gold is largely native and in tellurides (found thus far only to a depth of 126 feet) and is largely confined to the stope at the shaft and the small flat stope in the east 76-foot level. The native gold occurs as irregular films on joint planes near the flat vein and as stringers up to one-fourth inch wide cutting brown-stained altered granite gneiss. The telluride is silver colored and is said to contain about equal amounts of gold and silver, being near sylvanite in composition. Tellurides are not nearly so abundant as native gold, but the two occur in the same manner and in close association with each other.

Only two localities show postmineral movement. On the 126-foot level, 115 feet east of the shaft, a nearly vertical fault striking northwest has displaced the vein bringing the east side down about 2 feet. What is probably the same fault is seen in the 76-foot level, but here it cuts the vertical vein, and neither the direction nor amount of displacement can be determined.

The ore, where rich enough to mine, is generally of bonanza grade, and the work is done entirely by hand in order to break only the good ground. The ore that has been shipped varies exceedingly in value. Some of it carried as high as 12 ounces gold per ton, though most of it seems to carry one-half to 1½ ounces. Small specimens run higher. The silver varies from one-half ounce to 50 ounces per ton. Some ore, low in gold, carries high silver, and the ore carrying the most gold had only 3 ounces of silver per ton. There seems to be no regular relation between the amounts of gold and silver present, ratio of gold to silver by weight ranging from 1:1½ to 1:16.

The total production of the mine is estimated to be at least $30,000.

### IDAHO TUNNEL

The Idaho tunnel, whose portal is in Boomerang Gulch at an elevation of approximately 8,250 feet, extends north-northeast under Seaton Mountain. The veins are shown in figure 58, to which the letters used below correspond.

*A*. A nearly vertical fracture zone 2 to 4 inches wide, lying about parallel to the foliation of the schist wall rock. In most places it is barren of mineral but in one place shows 1½ inches of light-gray quartz carrying pyrite.

*B*. A vein showing 1 to 3 inches of galena, sphalerite, and white quartz.

*C*. Several small veins carrying 1 to 2 inches of gray quartz and pyrite.

*D*. A tight veinlet, one-half to 3 inches wide, of galena, sphalerite, and subordinate pyrite.

*E*. Not a distinct vein; a few small stringers of galena and sphalerite traversing the monzonite porphyry.

*F*. A vein in one place about 10 inches wide, the upper 5 inches being nearly solid galena, sphalerite, and very subordinate pyrite, and

the lower 5 inches silicified schist and pegmatite carrying some disseminated pyrite and a few very narrow pyrite stringers. In places the

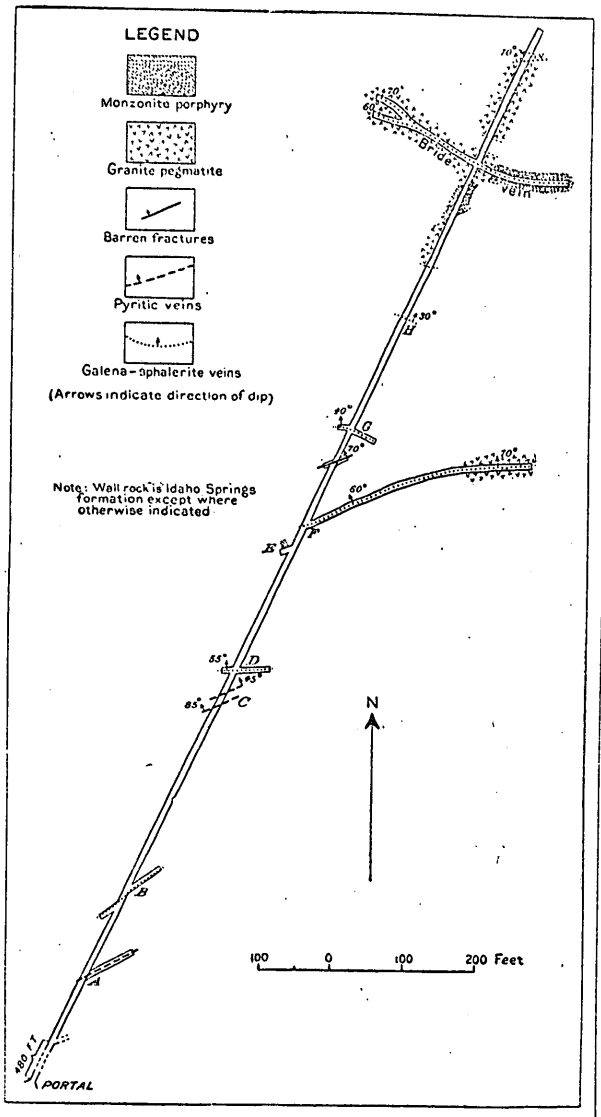



FIGURE 58.—Geologic plan of Idaho tunnel. Surveyed by hand compass and pacing.

vein has a total width as great as 2 feet and includes several galena-sphalerite veinlets. It appears to be the westward continuation of the Seaton vein. It has been stoped to some extent.

*G.* About 4 inches of somewhat silicified schist, which carries disseminated pyrite and is traversed by several subparallel stringers of galena and sphalerite not more than one-half inch in width. It lies parallel to the foliation of the schist.

*H.* A ½-inch veinlet of galena, sphalerite, and pyrite, bordered on the hanging-wall side by 2 inches of gouge carrying some crushed sulphides.

The Bride vein is the principal vein cut by the tunnel. To the east of the tunnel its wall rock is monzonite porphyry and to the west granite-pegmatite; the vein is strong in both rocks. In a stope 25 feet above the drift and 130 feet east of the line of the tunnel the vein varied from 4 inches to 1½ feet in width and was made up of a number of narrow subparallel veinlets of galena, sphalerite, and pyrite cutting altered monzonite porphyry. One of the most heavily mineralized portions of the vein is exposed in a stope about 40 feet west of the line of the tunnel, where it is 2 feet in width and consists of a network of subparallel veinlets of solid galena, sphalerite, pyrite, and rarely a little chalcopyrite. Some of the sphalerite is resinous, though apparently original and contemporaneous with the more abundant darker variety. Minute fractures in the ore are coated by a varicolored film, probably of bornite, and by very minute crystals of chalcopyrite. These are plainly secondary depositions, probably from surface waters descending along the vein. In one place there is a width of 1 foot of solid sulphides, parts of which are coarsely crystallized with single crystals three-fourths to 1 inch in diameter.

On account of the high percentage of sphalerite present the ore from this vein is concentrated before shipment to the smelter, the ratio of concentration being about 1 to 3 or 4. The following sampling-works assays of different types of concentrates from shipments in 1911 give an idea of the metallic content:

*Sampling-works assays of ore from the Bride vein in the Idaho tunnel.*

| | Gold. | Silver. | Copper (wet). | Lead. | Zinc. | Silica. | Iron. |
|---|---|---|---|---|---|---|---|
| | *Ounce.* | *Ounces.* | *Per cent.* | *Per cent.* | *Per cent.* | *Per cent.* | *Per cent.* |
| Pyritic concentrate | 0.31 | 11.90 | ..... | 3.00 | 8.50 | 21.10 | ..... |
| | .59 | 23.70 | 2.60 | 6.10 | 9.50 | 51.00 | ..... |
| Sphalerite concentrate | .49 | 25.10 | 2.35 | 6.70 | 21.50 | 16.00 | ..... |
| | .47 | 24.50 | 2.70 | 8.20 | 23.75 | 18.00 | ..... |
| | .42 | 23.00 | 2.40 | 7.40 | 23.10 | 16.00 | ..... |
| Galena concentrate | .56 | 21.80 | 1.80 | 45.10 | 7.00 | 4.00 | 13 |
| | .565 | 21.20 | ..... | 34.30 | 7.00 | 5.00 | 20 |

Scale $\frac{1}{12000}$

½ ¾ 1 Mile

1000 2000 3000 4000 Feet

500 1000 Meters

ontour interval 50 feet.

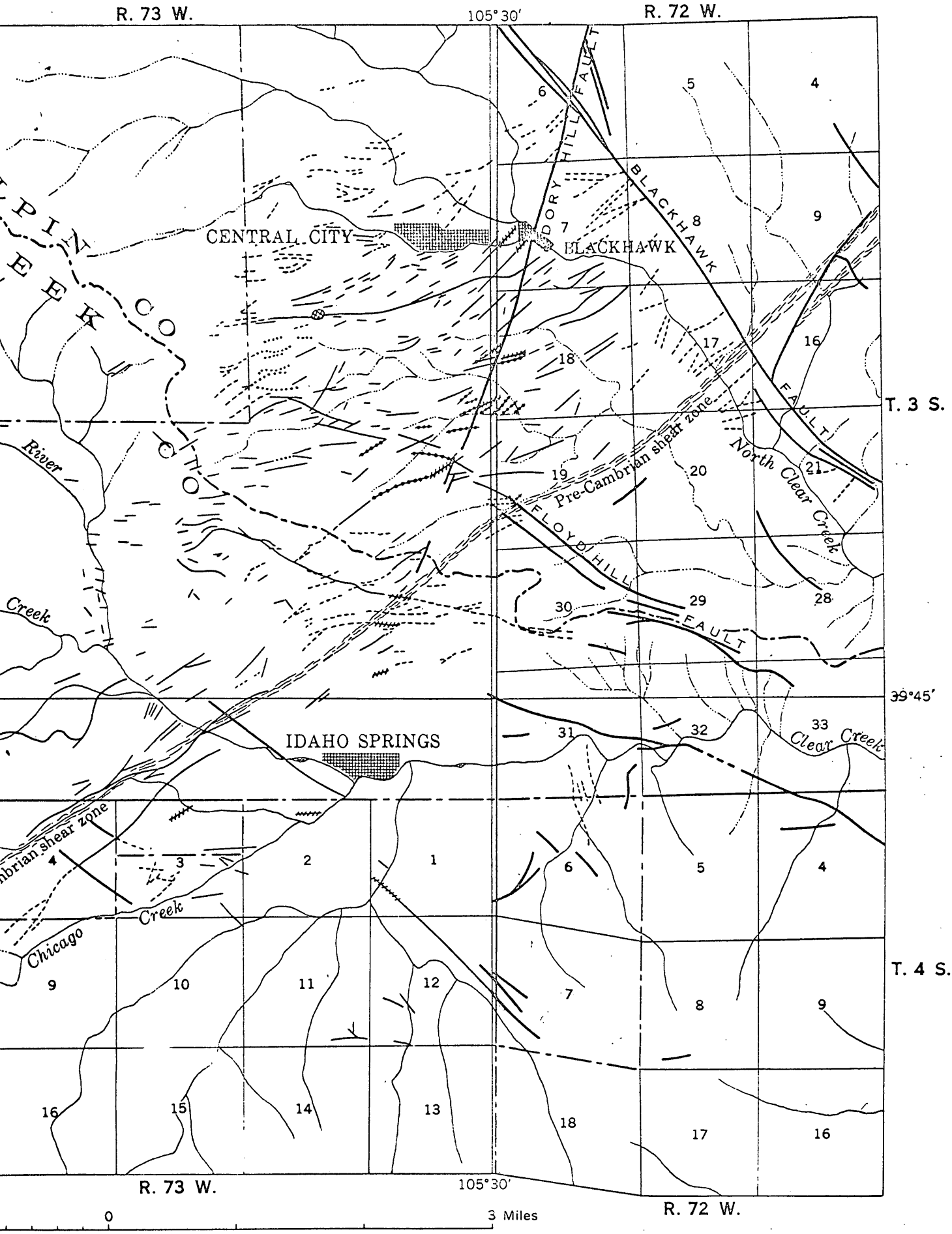
*Datum is mean sea level.*

A. Hoen & Co. Lith. B

# GIC MAP OF THE IDAHO SPRINGS QUADRANGLE, COLORADO

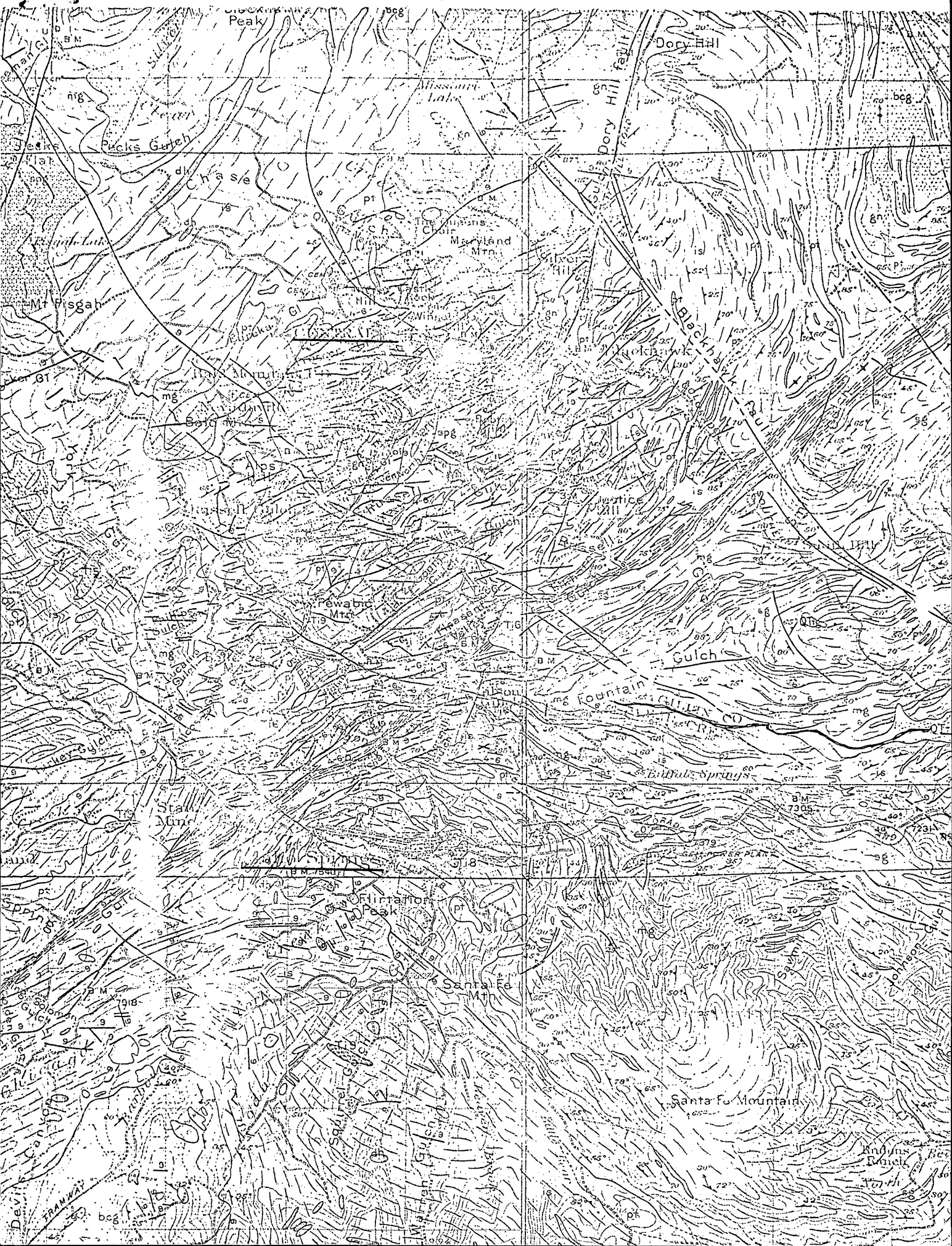
1917

MAP OF THE IDAHO SPRINGS QUADRANGLE, COLORADO




Zonal

EMENT OF THE ORES OF THE CENTRAL CITY—IDAHO SPRINGS MINING DISTRICT


Peak
Dory Hill
Dory Hill fault
Missouri Lake
Pecks Gulch
Chase
The Chimneys
Chair
Maryland Mtn
Silver Hill
Mt Pisgah
Blackhawk
Blackhawk fault
Mountain
Bald Mt
Alps
Justice Hill
Pewabic Mtn
Gulch
Fountain
Buffalo Springs
Star Mine
Flirtation Peak
Santa Fe Mtn
Santa Fe Mountain
Squirrel Gulch
Warren Gulch
Johnson Gulch
Devil Canyon
TRAMWAY

MME Form 7
(2/63)

OFFICIAL FILE COPY

| Date | Surname | Code |
|---|---|---|
| 6/7 68 | [illegible] | 120 |
| 6/10/68 | [illegible] | 120 |
| | | 110 |
| 6/10 | [illegible] | 220 |
| | | 120M |
| | | |
| | | |
| | | |
| | | |

AIRMAIL

Mr. Cleland N. Conwell
P. O. Box 407
Globe, Arizona 85501

JUN 10 1968

Re: OME-6720 (Silver-Gold)
Cleland N. Conwell
Bride Claim
Clear Creek County, Colorado

Dear Mr. Conwell:

In response to your request for information that would assist in evaluating the referenced property, we are pleased to refer you to two publications of the U. S. Geological Survey, both of which contain pertinent general information. Both of them also contain specific data which may or may not apply. These publications are available in most large public libraries.

Professional Paper 94 by E. S. Bastin and J. M. Hill, 1917, describes a Bride vein in the Idaho Tunnel in Boomerang Gulch about a mile from Idaho Springs. The walls of the vein are monzonite porphyry and granite pegmatite.

Professional Paper 223, by T. S. Lovering and E. N. Goddard, 1950, mentions a Boston-Idaho Tunnel near the Caribou mine in Boulder County.

Inasmuch as your property is in Virginia Canyon four miles from Idaho Springs in Clear Creek County, and the vein is in Idaho Springs schist, and as you have not otherwise indicated its location, we do not know whether the specific information applies or not.

Although the publications will assist in evaluating the property, they do not contain sufficient data to evaluate the proposed project. Answers to our earlier questions are still needed. If the property is not worth an 800-mile trip and some preliminary work, viz. Phase I of your proposed project, we question whether the investment of Government funds in Phases 2 and 3 is warranted.

We shall hold your application in our active file pending receipt of additional factual information. Furnishing this information,

however, should not be construed as commiting the Government to grant an exploration contract.

Sincerely yours,

FRANK E. JOHNSON

Frank E. Johnson
Chief, Office of
Minerals Exploration

cc: Director's Reading File
Economic Geology File
OME File
OME Reading File
OME Region III w/cy incoming letter
Mr. Smith

RMSmith/gla 6-7-68

CLELAND N. CONWELL
MINING ENGINEER
P. O. Box 407
GLOBE, ARIZONA 85501

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June 2, 1968

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United States Department of the Interior
Geological Survey
Washington, D. C. 20242

Re: OME 6720 (Silver-Gold)
Bride Claim
Clear Creek County, Colorado

Dear Mr. Johnson:

In your requests for additional information are you giving due consideration, that I am in Globe, Arizona, and the mining claims in in Colorado, some 800 miles from here?

The tenor of your letters indicate to me that perhaps through the files of the U. S. G. S. you have information which you think that I should have. If you have any such information that would assist in evaluating the proprty, I would appreciate receiving it.

As I develop additional factural information it will be sent to you. USGS P.P. 223 p. 187-191 - Idaho (Caribou) mine
" P.P. 94 p 301-302 - Idaho Tunnel, Bride vein (1 mile from Id. Springs)

Sincerely yours,

Cleland N. Conwell

Cleland N. Conwell

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OFFICE OF THE DIRECTOR

MME Form 7
(2/63)

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AIRMAIL

MAY 28 1968

Mr. Cleland N. Conwell
P. O. Box 407
Globe, Arizona 85501

Re: OME-6720 (Silver-Gold)
Cleland N. Conwell
Bride Claim
Clear Creek County, Colorado

Dear Mr. Conwell:

Your letter of May 22, 1968, suggesting an on-site examination the week of June 10 by a field representative from our Denver Office is acknowledged.

We regret that a field examination cannot be scheduled at present. In the absence of additional factual information as requested in our letters of May 17 and May 9, an examination at Government expense is not permissible. Our field staff is not authorized to make examinations to obtain data needed to support an application or to provide consulting services in competition with private consultants.

If you are not currently in a position to furnish the required information, you may prefer to request that the application be withdrawn. If it is withdrawn and you wish to reopen it at your future convenience, you may do so by filing a new application, referring to this OME docket number, and furnishing the information requested in the application form pertinent to your new proposal. New bank letters dated within 90 days of filing the new application would be required, but applicable data already submitted need not be repeated.

Sincerely yours,

FRANK E. JOHNSON

Frank E. Johnson
Chief, Office of
Minerals Exploration

cc: Director's Reading File
EconomicGeology File
OME Docket
OME Reading File
Mr. Smith
Region III w/copy of incoming

CLELAND N. CONWELL
MINING ENGINEER
P. O. Box 407
GLOBE, ARIZONA
85501

May 22, 1968

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U. S. G. S.
Washington, D. C.

Dear Mr. Johnson:

Re: OME-6720 (Silver-Gold)
Bride Claim
Clear Creek County, Colorado

Inasmuch as the financial eligibility has been established, I suggest that I meet with a field representative from your Denver office at the property during the week of June 10th, 1968. At that time we can consider and amended application. I hope that this meets with your approval.

Sincerely yours,

Cleland N. Conwell

MME Form 7
(2/63)

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MAY 17 1968

AIRMAIL

Mr. Cleland N. Conwell
P. O. Box 407
Globe, Arizona 85501

Re: OME-6720 (Silver-Gold)
Cleland N. Conwell
Bride Claim
Clear Creek County, Colorado

Dear Mr. Conwell:

Thank you for your letter of May 11, 1968, transmitting a financial statement.

In reply to your request for a copy of a format of letters to the banks, there is no standard format available. Your financial statement, however, will serve in lieu of additional letters. We appreciate your offer to have the banks communicate with us directly, but that will not be necessary.

Without additional factual information on Items 3(e) and 3(f) to justify an exploration project, we would have no alternative but to deny the application. The recent increase in the price of silver is not, by itself, sufficient justification for exploring a specific locality.

We have no set limits on allowable cost per foot other than "reasonable and necessary". The average costs in the region will be used as a guideline in reviewing your estimate of time and materials. There is a limit set by the Government for Outside Consultants - currently this limit is $99.60 per day. For salaried employees you would be allowed your actual costs in line with the going rates.

Geological mapping, assaying, etc., performed to report and evaluate the work done under an OME contract are allowable costs, as indicated by question 46 in the booklet "Exploration Assistance". Preliminary mapping, assaying, etc., to support an application and to show that exploration is warranted are not allowable costs, as indicated by answers (4) and (5) to question 15, and by answer (1) to question 19.

Sincerely yours,

FRANK E. JOHNSON

Frank E. Johnson
Chief, Office of
Minerals Exploration

cc: Director's Reading File
Economic Geology File
OME Docket
OME Reading File
Region III w/copy of incoming ltr.
Mr. Smith

RMSmith/bsl 5/17/68

CLELAND N. CONWELL
MINING ENGINEER
P. O. Box 407
GLOBE, ARIZONA 85501

May 11, 1968

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U. S. G. S.
Washington, D. C. 20242

Dear Mr. Johnson:

Re: OME - 6720 (Silver-Gold)

If you will provide me with the format of the letter to the banks, I will resubmit my letters. I could have the banks communicate directly with you, or you could communicate directly with the banks.

Copy to Region

A financial statement is enclosed.

Unfortunately I have no additional factual information on items 3(e) and 3(f). If silver had not taken a substantial increase in price, I would not consider exploration work. Will a sample sent to U. S. Smelting and Refining and their report satisfy this requirement?

While we are processing item 1(a), I will obtain definite commitments from equipment suppliers to support my cost estimate. If you have a limit set on cost per foot, please advise me. Will you also advise me on the limits on payments to an engineer for preparing the required reports.

I consider geological mapping, assays etc., part of the exploration expense. Your question "46" and the answer in your bulletin EXPLORATION ASSISTANCE also considers this part of the expense. Will you please provide additional information in this area.

Sincerely yours,

Cleland N. Conwell

Cleland N. Conwell

CLELAND N. CONWELL
MINING ENGINEER
P. O. Box 407
GLOBE, ARIZONA
85501

May 11, 1968

Financial Statement

| Assets | | Liabilities. | |
|---|---|---|---|
| Home, Globe, Ariz. | $25,000 | Loan | $7,500 |
| Apt. House, Globe. | 60,000 | " | 36,000 |
| Home furnishings | 2,000 | | |
| El Camino Car | 3,600 | Loan | 2,300 |
| Engineering Equip. | 700 | | |
| Kennicott Copper Stock | 800 | | |
| Valley National Bank Stock | 560 | | |
| Atlas Corp. " | 580 | | |
| Ampco " | 000 | | |
| Bonds | 1,200 | | |
| Savings Account | 500n | | |
| Checking Account | 500 | | |
| Accounts receivable | 1,000 | | |
| Total | $98.000 | | $45,800 |

Gross income in 1967 about $16,000.

MME Form 7
(2/63)

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MAY 9 - 1968

AIRMAIL

Mr. Cleland N. Conwell
P. O. Box 407
Globe, Arizona 85501

Re: OME-6720 (Silver-Gold)
Cleland N. Conwell
Bride Claim
Clear Creek County, Colorado

Dear Mr. Conwell:

Preliminary review of your application for financial assistance in exploring the referenced claim indicates that part of the proposed work is not eligible for OME assistance and that additional information is needed before we can reach a decision on the remaining part.

The OME does not participate in preliminary mapping and sampling of a prospect to determine whether an exploration project is warranted. A geological and engineering report, if needed, should be prepared at your own expense and submitted in support of the proposal for trenching, drifting, and raising.

Your letters to the Valley National Bank and Western Savings and Loan Association do not contain sufficient data for favorable consideration by the banks. The replies, therefore, do not establish that funds are not available from commercial sources on reasonable terms. As we cannot waive this requirement, will you please furnish a recent financial statement.

Items 3, 5, and 7 on the back of the application form would doubtless be answered in detail in a geological-engineering report. If you cannot furnish such a report then you should submit additional information on Items 3(e) and 3(f) in enough detail to indicate why ore is expected to be found in the specific area to be explored. Assay and geologic maps of the existing exposures normally provide this information.

Inasmuch as an OME contract is written for specific items of work at fixed unit costs, and as your estimate of drifting costs is higher than average, please submit a time and materials estimate for each type of work proposed.

This request for additional information should not be construed as a commitment by the Government to grant an exploration contract. We shall hold the further processing of your application until the requested data are received.

Sincerely yours,

FRANK E. JOHNSON

Frank E. Johnson
Chief, Office of
Minerals Exploration

cc: Director's Reading File
Division File
Economic Geology File
OME Docket
OME Reading File
Mr. Smith
Region III

RMSmith/bsl 5/9/68

May 1, 1968

Mr. Cleland N. Conwell
P. O. Box 407
Globe, Arizona 85501

Subject: OME-6720

Dear Mr. Conwell:

Your application for exploration assistance, dated April 22, 1968, submitted to our office at Denver, Colorado, has been assigned Docket No. OME - 6720.

Please identify all future correspondence relating to your application by this docket number.

Sincerely yours,

Frank E. Johnson
Chief, Office of
Minerals Exploration

Copy to Region III