MME Form 9
Rev. Nov. 65

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

OFFICIAL DOCKET FILE

Contract No. _____ Docket No. 6618

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- [x] Withdrawn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

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
GEOLOGICAL SURVEY
So. 157 Howard Street
Spokane, Washington 99204
March 24, 1967

Memorandum

To: Chief, Office of Minerals Exploration

From: Field Officer, Region I

Subject: Transmittal of Application for Assistance
Jack A. Harbaugh & Partners (Silver)
Good Hope Claims
Blaine County, Idaho

The enclosed application contains little technical information other than a copy of the Frenchman Creek Quadrangle showing the location of the claims, a claim map showing sample locations, the supposed trace of the vein and access roads, and assays of four samples, one of dubious value.

At $35.00 per ounce for gold, $1.29 per ounce for silver, $0.14 per pound for lead and $0.15 per pound for zinc, the assays indicate the following relative Pb-Zn to Au-Ag values:

Sample No.	Pb-Zn	Au-Ag
6	$ 0.58	$ 0.13
10	$ 0.58	$ 0.61
9 (H.G.)	$146.80	$31.80
50	$ 7.36	$ 1.35

Only in sample 10 do the Au-Ag values exceed the Pb-Zn values; in the other three samples Pb-Zn values exceed Au-Ag values by 3.2 to 4.6 times. On the basis of assays presented it is difficult to justify this proposal as qualifying for a silver project.

Even if this could be shown to qualify as a silver project, it is believed that the applicant's estimate of $10,000.00 maximum for the total cost is low. Although $700.00 per month is not too much for a qualified geologist-engineer-supervisor, a Camp Tender at $300.00 per month could not be justified.

Unless the applicant can present stronger evidence that this will qualify as a silver project, it is recommended that this application be denied.

D. R. MacLaren

Enclosures

MME Form 40
July 1962

1(A)

RECEIVED
MAR 20 1967

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

Budget Bureau No. 42-R1368
Approval expires Dec. 31, 1963

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.)*

B. E. Zamzow 1424 No. Liberty Boise, Idaho
Merle L Slater Route 1 Eagle Idaho
Frank T. Ryther 414 No. Liberty Boise, Idaho
Jack A. Harbaugh 918 No. 28th St. Boise, Idaho 83702

APPLICANT DO NOT USE THIS BLOCK

DOCKET NUMBER 6610

DATE RECEIVED 3/27/67

REGION 1

DIVISION CODE

BUSINESS ORGANIZATION *(Check one)*

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

STATE IN WHICH FIRM IS ORGANIZED Idaho

LIST CORPORATE OFFICERS OR PARTNERS HERE, IF APPLICABLE

NAME	ADDRESS	TITLE
B. E. Zamzow	1424 No. Liberty Boise, Idaho	Partner
Merle L. Slater	Route 1 Eagle, Idaho	"
Frank T. Ryther	414 No. Liberty Boise, Idaho	"
Jack A. Harbaugh	918 No. 28th Boise, Idaho	"

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

ESTIMATED COST OF PROJECT: $ 10,000

PROPERTY NAME: Good Hope Claims

LOCATION — COUNTY: Blaine STATE: Idaho

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 25, D. C., 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.

Mar. 17, 1967
DATED

Jack A. Harbaugh
BY *(Signature)*

Partner
TITLE

A wilfully false statement or certification to any Department or Agency of the United States Government is a criminal offense. U. S. Code, Title 18, Sec. 1001.

INFORMATION REQUIRED WITH THIS APPLICATION

1. Financial Eligibility:

(a) Submit evidence of efforts made within 90 days preceding the filing of this application to obtain credit from your bank of account and at least one other banking institution or other private source of credit. Such evidence shall include true copies of correspondence which show: (1) date of loan request, (2) amount and terms requested, (3) proposed use of loan funds, and (4) the replies from credit sources. If the loan was offered under terms which you consider unreasonable, state why you consider them so.

(b) List names and addresses of affiliated, parent, or controlling companies or organizations and state extent and nature of their interest.

(c) State how you propose to furnish your share of the cost of the exploration work.

2. Applicant's Rights in Land:

(a) State your interest in the land and mineral rights, whether owner, lessee, purchaser under contract, or other. If you are not the owner, submit one true copy of the lease, contract, or other document (with address of owner) under which you control the property. Describe all liens, mortgages, or other encumbrances on the land and state book and page number and official place where recorded.

(b) State the legal description (section, township, and range; metes and bounds; patent number of claims) of the land upon which you wish to explore and all adjacent land which you own or control. Describe any part of the land or workings which should not be subject to Government royalty and liens. If the land consists of unpatented claims, state book and page number for each recorded location notice, including amended locations, and official place where recorded. State all the names by which you know the property.

(c) For all land or mineral rights encumbered or not owned, submit five copies of Lien and Subordination Agreements on MME Form 52. If the agreements cannot be obtained, state reasons and provide copies of letters of refusal.

3. Physical Description:

(a) Describe in detail and illustrate with maps or sketches all mining or exploration operations which you know have been or are being conducted upon the land. Include existing mine workings and all production facilities.

(b) State your interest, if any, in operations described in (a).

(c) State, if you know, the past and current production, supporting your statement with copies of settlement sheets, mine records, or published data if available.

(d) Describe known ore reserves, giving quantities and grades and sampling methods used. Support your statement with copies of assay certificates and assay maps if available.

(e) Describe by narrative and maps or sketches the geologic features of the property, including ore minerals, geologic formations if known, and type of deposit (vein, bedded, etc.).

(f) State your reasons for expecting to find ore, and if you have sampled the area you propose to explore, show where the samples were taken, describe sampling methods used, and provide copies of assay certificates.

(g) Send with your application at least *two* copies of all geologic or engineering reports, assay maps, or technologic information which you have, indicating whether you require their return.

4. Accessibility of Property:

(a) To aid the OME representative who may examine the property, state name and address of person who will meet him; give directions for reaching the property; and describe accessibility of property and of any mine workings.

(b) Name the shipping and supply points and state the distances to the property.

5. Exploration Work:

(a) Describe fully the proposed exploration work giving individual footages and sizes of openings *for each item of work.* Use narrative, maps, plans, and sections as necessary. Show location of the proposed work as related to geologic features such as veins, ore-bearing beds, contacts of rock formations, etc. Show also the relation of the proposed work to any existing mine workings and to *land boundaries* or to the closest identifiable corner.

(b) If an access road must be built, show the proposed location on the property map and state the length, type and construction methods proposed.

(c) If an OME contract is executed, state how soon thereafter work would be started and finished. State your anticipated average daily or monthly rate of progress for each type of work.

6. Experience:

State your operating experience and background to conduct this exploration work and also that of the person who will supervise the work.

7. Estimate of Costs:

Furnish detailed estimates of the necessary costs *for each item of the work proposed in 5(a)* under the headings listed below with a total for each heading and the estimated total cost of the work. Costs for any work to be performed by an independent contractor should be listed separately under category (a) below. Costs for any work that is not to be performed by an independent contractor should be listed under categories (b) through (g).

(a) Independent contracts. State the total cost of any proposed independent contract for all or any part of the work, and the number of units and the unit cost for each type of work, such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, or per cubic yard of material moved. Cost estimates should be supported by bids from three contractors if possible. (*Note*—If none of the work is to be contracted, write "none" after this item.)

(b) Personal services. The cost of supervision, engineering and geological services, outside consultants, and labor should be itemized by numbers and classes of employees; rates of wages, salaries or fees; and periods of employment. State whether these services are available.

(c) Operating materials and supplies. List items of material and supplies giving quantity and cost of each. Include under this heading power, water, and fuel, and units of equipment and tools costing less than $50 each.

(d) Operating equipment. List items of equipment and tools costing $50 or more per unit. Give specifications and indicate how each item is to be acquired—i.e., rented, purchased or provided by the applicant. If rented or purchased, state the estimated rental or purchase price. If furnished by the applicant, state condition and present fair market value.

(e) Initial rehabilitation and repairs. Describe the type and the cost of *initial* rehabilitation or repair of existing buildings, fixtures, installations (exclusive of mine workings), and movable operating equipment now owned by the applicant which will be used in the exploration work.

(f) New buildings, fixtures, installations. Describe each building, fixed improvement, and installation to be purchased, constructed, or installed for the exploration work, stating specifications and cost including labor, materials, and supervision.

(g) Miscellaneous. Describe the type and estimate the cost of repairs and maintenance of the operating equipment listed in 7(d). Do not repeat initial repairs listed in 7(e). Show also the costs of analytical work, accounting, workmen's compensation and employees' liability insurance, payroll taxes, and other required costs that do not fall within the previous categories. [*Note*—The Government will not contribute to costs incurred before the date of the contract, or to costs of or incident to: (1) acquiring, using, or possessing land and any existing improvements, facilities, buildings, installations, and appurtenances, or the depreciation and depletion thereof; (2) general overhead, corporate management, interest and taxes (other than payroll and sales taxes); (3) insurance (other than employees' liability insurance); and (4) damages to persons or property (other than authorized repair to or replacement of equipment or other property used in the work).]

INT.-DUP. SEC., WASH., D.C.11879

INDEX OF DATA ON GOOD HOPE CLAIMS

1. Financial Eligibility:

   A. See copies of letters marked 1 (A).

   B. Not applicable.

   C. Personal services (see 7 B).

2. Applicants Rights to Land:

   A. Owner.

   B. Good Hope mining claims Nos. 1 through 8 inclusive.

      1. Section 27, Township 6 North, Range 14 East.

      2. Good Hope Nos. 1-5 inclusive--Book 158, page 138; Blaine County Recorder, Hailey, Idaho.

         Good Hope No. 6 No. 125532, Book 130, page 497.

         Good Hope No. 7 No. 125533, Book 130, page 498.

         Good Hope No. 8 No. 125534, Book 130, page 499.

   C. Not applicable.

3. Physical Description:

   A. See maps and sketches marked 3 A.

   B. We have done all work to date.

   C. Not applicable.

   D. Not applicable.

   E. See maps and sketches marked 3 A.

   F. No. 1. We are in mineral bearing district.

      No. 2. With recent bulldozer work, we exposed the vein (see map marked). 3(a) The geology of the Good Hope claims is very similar to the geology of the Mountain King in the Vienna District. See page 248, in section marked 3 G, from Ore Deposits in Sawtooth Quadrangle, Idaho.

Jack A. Harbaugh

No. 3. In view of the showing in cut Number 3, (see maps marked 3 A), we feel there is better than average chance to get production. Also assay marked 3 A. See maps and sketches marked 3 A and 3 G.

4. Accessibility of Property:

A. Jack A. Harbaugh Telephone: 342-5206
916 No. 28th Street
Boise, Idaho

Merle Slater Telephone: 939-6684
Route 1
Eagle, Idaho

B. Ketchum, Idaho--41 miles to claims.

5. A. Bulldozer to clean out road and build one switchback on road going to cut Number 2 (see map 3 A of Good Hope claims). Also knock corners off from switchbacks to get drilling equipment into cut Number 3 as these are jeep roads going to each cut. As you know, this is snow country and roads slough in badly in one season. Bulldozer work not too exceed $2,500.00. Road leading to cut Number 4 will also need some work to accommodate drilling rig.

Drilling

Proposed drilling one hole 300 ft. deep at 70° angle crosscutting vein in cut Number 3; one hole 100 ft. deep at 70° angle crosscutting vein in cut Number 2; also one hole 100 ft. deep at 70° angle crosscutting vein in cut Number 4. Drilling not to exceed $5,000.00. These estimates may have to be revised after we get firm bids. Please see map 3 A of Good Hope claims.

B. Not applicable.

C. July 15th to September 15th subject to revision, depending on weather and snow conditions. One hundred hours of bulldozer work should to it and an estimate of 20 ft. a day or more for drilling, depending on rock formation encountered.

6. Mr. Slater and I both have had considerable mining and road building experience. Uncovering of the ore in cut Number 3 and picking up the vein, in cut Numbers 2 and 4, was under our supervision. Work was done by local contractors.

7. Estimate of Costs - Independent Contracts

A. One hundred hours--Bulldozer and operator from $16.00 to

Jack A. Harbaugh

$25.00 per hour not to exceed $2,500.00; 500 ft. of diamond drilling, $10.90 to $6.15 per foot not to exceed $5,000.00. This estimate may have to be revised on account of mobilization and de-mobilization of drilling equipment.

B. Personal Service:

1. Mr. J. A. Harbaugh—Supervision $700.00 per month.

2. Mr. Merle Slater—Camp Tender $300.00 per month. Not to exceed 2 months.

Those services will be available the Lord willing. Also will furnish blasting material, if needed. In the event the job is done in less time, will balance our share with cash.

C. Not applicable, see paragraph D.

Operating Equipment

D. One G. M. C. Carryall, owned by Mr. Slater, in good condition. Market price $1,250.00.

Initial Rehabilitation and Repairs

E. Not applicable.

New Buildings, Fixtures, Installations

F. Not applicable.

Miscellaneous

G. Not Applicable.

Jack A. Harbaugh

1(A)

January 25, 1967

Mr. W. G. McCurry
Manager
Idaho First National Bank
Meridian, Idaho

Dear Mr. McCurry:

Being part owner of the Good Hope mining claims situated in the Sawtooth Mining District in the Frenchman Creek area, am writing you to apply for a loan of ten thousand ($10,000).

We have 8 claims held by location and have reason to believe with $10,000 of bulldozer and diamond drilling work, we will be able to expose the ore shoot and will then be in a position to interest a large mining company.

Would it be possible to make this loan for five years at 5% on net smelter returns?

Will you please let me know by return mail if you would be interested in making a loan of this nature also the terms requested.

Very truly yours,

BEZ:lh

B. E. Zamzow

1(A)

MERIDIAN OFFICE

The Idaho First National Bank

BOX 405 83642

MERIDIAN, IDAHO

January 27, 1967

Good Hope Mining Claim
c/o B. E. Zamzow
611 East 1st
Meridian, Idaho 83642

Dear Sir:

We acknowledge receipt of your application for a $10,000.00 loan with which to purchase mining equipment. We do not feel that we could grant this credit, due to the fact that the operation involved is considerably removed from our general trade area. Also, the term of the loan requested is beyond our normal policy for this type of equipment. Furthermore, it would be impossible for a bank to lend money where repayment is based on a percentage of the mining return. A loan of this kind with us, would have to be on a definite monthly repayment schedule.

No

We appreciate your allowing us the opportunity of considering this application, and trust you will be able to find other financing suitable to your program.

Yours very truly,

W. G. McCurry

W. G. McCurry
Manager

WGMcC:jc

1(A)

January 23, 1967

Mr. Edward J. McNelis,
Assistant Cashier
Emmett, Idaho

Dear Mr. McNelis:

Being part owner of the Good Hope mining claims situated in the Sawtooth Mining District in the Frenchman Creek area, am writing you to apply for a loan of ten thousand dollars ($10,000).

We have 8 claims held by location and have reason to believe with $10,000 of bulldozer and diamond drilling work, we will be able to expose the ore shoot and will then be in a position to interest a large mining company.

Would it be possible to make this loan for five years at 5% on net smelter returns?

Will you please let me know by return mail if you would be interested in making a loan of this nature also the terms requested.

Very truly yours,

Jack A. Harbaugh

Jack A. Harbaugh

JAH:glr

1(A)

EMMETT OFFICE

The Idaho First National Bank

BOX 397 83617

EMMETT, IDAHO

January 25, 1967

Mr. Jack A. Harbaugh
918 North 28th Street
Boise, Idaho

Dear Mr. Harbaugh,

We are sorry to inform you that we cannot grant you a loan on the Good Hope mining claims situated in the Sawtooth Mining District in the Frenchman Creek area at the present time.

Should we be of any assistance to you in any other banking matters, please contact us.

Sincerely yours,

Edward J. McNelis

Edward J. McNelis
Assistant Cashier

EJM:dag

1(A)

COPY

January 27, 1967

Office of Minerals Exploration
U. S. Geological Survey Region I
South 157 Howard Street
Spokane, Washington 99204

Gentlemen:

We, the undersigned, would not normally undertake the exploration at our sole expense under current conditions or circumstances.

Very truly yours,

Jack A. Harbaugh

Jack A. Harbaugh
918 N. 28th Street
Boise, Idaho

Merle Slater

Merle Slater
Route 1
Eagle, Idaho

B. E. Zamzow

B. E. Zamzow
1424 N. Liberty
Boise, Idaho

Frank T. Ryther

Frank T. Ryther
414 N. Liberty
Boise, Idaho

3 (A)

FEDERAL RESOURCES CORPORATION

CERTIFICATE OF ASSAY

JACK HARBAUGH

918 N 28th Boise

Date Assayed 8-12-66 Hailey, Idaho

Description		Gold Oz. Per Ton	Silver Oz. Per Ton	Lead %	Non-Sulfide Lead %	Zinc %	Non-Sulfide Zinc %	Copper %			H_2O %
Foot											
Gouge Northside 12' M-199 #6	72 [illegible]	Tr	0.10	0.1		0.1		No 3 on map,			
5' Lower cut above Cudrey. M-200 #10	1 [illegible]	0.01	0.20	0.1		0.1		No 4 on Map			
High Grade Foot Wall. M-201 #9	188 52 [illegible]	0.14	20.85	50.5		1.8		No 3 on Map,			

Buck

Assayer

FEDERAL RESOURCES CORPORATION

CERTIFICATE OF ASSAY

Jack Harbaugh

Date Assayed 8-15-66 Hailey, Idaho

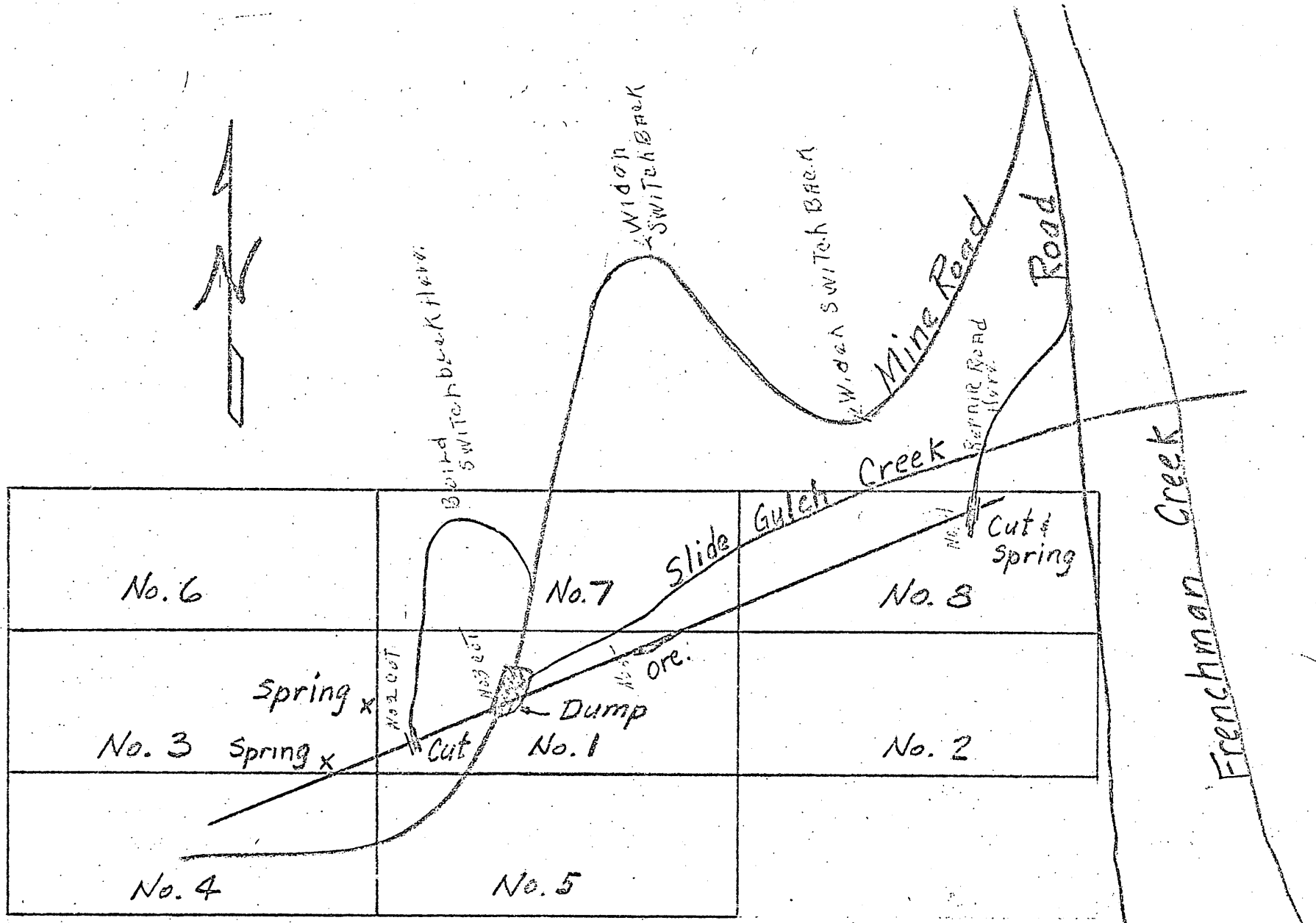
Description		Gold Oz. Per Ton	Silver Oz. Per Ton	Lead %	Non-Sulfide Lead %	Zinc %	Non-Sulfide Zinc %	Copper %			H_2O %
Roy #2 MET. TEST 50# Sample.	9# [illegible]	70¢	65¢	6.60							
		0.02	0.50	2.2	0.1	0.4	0.1				

This is a grab sample containing 10# high grade and 40# of vein material taken every foot across 14' the vein material massive with arsenical iron does not carry and that 10# of high grade was diluted as you can see.

Buck

Assayer

3(A)



Good Hope Mine

Jack A. Hardwick
917 N. 27th St.
Boise, Idaho 83703

McCabe Bros.

#7 (A)

DIAMOND CORE DRILLING — FOUNDATION TESTING
PRESSURE GROUTING — AIR DRILLING

BOX 594, IDAHO FALLS, IDAHO 83402

PHONE 522-5437

January 17, 1967

Jack A. Harbaugh
918 N. 28th St.
Boise, Idaho

Dear Mr. Harbaugh:

We submit the following estimate covering the proposed Diamond Core Drilling near Frenchman Creek in the Sawtooth mining district.

1.	Mobilize and demobilize	$750.00
2.	Moving and setting up on each drill site	100.00
3.	N. Q. Wire line core @	9.00 per ft.
4.	Cementing, redrilling, reaming & casing @	18.50 per ft.
5.	Overburden drilling @	10.95 per ft.
6.	Core boxes @	3.50 each

We thank you for the opportunity of submitting this estimate and hope that we may be of service to you.

Yours very truly

McCabe Bro's Drilling Inc.

Edwin L. McCabe

Edwin L. McCabe

#7 (A)

DIAMOND CORE DRILLING
DIAMOND DRILLING EQUIPMENT
GROUTING
FOUNDATION TESTING
MINING
QUARRYING
SHAFT SINKING
TUNNEL DRIVING
MINE PLANT DESIGN
AND FABRICATION

Boyles Bros.
DRILLING COMPANY
CONTRACTORS-ENGINEERS-GEOLOGISTS

1415 Riverside P.O. Box 4307
SPOKANE, WASHINGTON 99202
Phone (509) KE 4-0862

General Offices and Plant
1624 Pioneer Road P. O. Box 58
SALT LAKE CITY, UTAH 84110
Phone 487-7595

BRANCH OFFICES
PHOENIX
RENO
SPOKANE
DENVER
SACRAMENTO
SANTIAGO, CHILE
LIMA, PERU

February 14,1967

Mr. Jack A. Harbaugh
918 North 28th. Street
Boise, Idaho

Dear Mr. Harbaugh:

In reply to your letter of February 13th. am sorry to inform you that we dont have a bull dozer available in the district. Would think the cost would run Anywhere from $20,00 to $30.00 per hour depending on the size of the machine plus mobilization to and from the property. If you wish we could hire an operator and machine and invoice you at our cost plus 15%.

Perhaps you could inquire in Boise and get a better idea of cost.

Am sorry I cant be of more help.

Sincerely
Fred Robertson

Fred Robertson

7(A)

MIKE IVIE - CONTRACTOR

BOX 325

BELLEVUE, IDAHO 83313

OFFICE: 788-4114

SHOP: 788-2743

Bellevue, Idaho
Feb 25, 1967

Jack A Harbaugh
918 No. 28th St.
Boise, Idaho

Dear Sir;

I am interested in doing your work in Frenchman's Creek.

My hourly rate for a Caterpillar 14A tractor w/ U or A dozer and Hydraulic Rippers is 24.00 per hr.

Transportation would be 45.00 one way.

100 hrs. would be 2400.00 plus 45.00 or 2445.00.

Yours truly,

Mike Ivie

Mike Ivie- Contractor
Box 325
Bellevue, Idaho 83313

#(7A)

March 13, 1967

QUOTATION

To: Mr. Jack Harbaugh
918 North 28th
Boise, Idaho

Subject: Catwork at Galena Mining Property

Equipment rental rates with operator:

D-7 Cat with angle dozer and dozer ripper $14.00 per hour.

Portable air compressor with jack hammer $50.00 per week plus $5.00 per hour when operating.

Transportation charges $600.00.

Very truly yours,

Bonnell Brothers

R G Bonnell

By: R. G. Bonnell

Note: Above prices based on total minimum job of $2,000.00.

RGB/br

#(77)

AUSTIN CO. ROUTE # 1 BOISE, IDAHO

JACK HARBAUGH
918 NORTH 28th ST.
BOISE, IDAHO

-QUOTATION-

To supply bulldozer and operator for road repairs near Galena summit, Blaine county, Idaho.

100 hours work minimum @ $20.00 per hr. $2000.00

Transportation charge 241.20

T O T A L 2241.20

Howard Austin

AUSTIN CO.

#7 (A)

DIAMOND CORE DRILLING
DIAMOND DRILLING EQUIPMENT
GROUTING
FOUNDATION TESTING
MINING
QUARRYING
SHAFT SINKING
TUNNEL DRIVING
MINE PLANT DESIGN
AND FABRICATION

Boyles Bros.
DRILLING COMPANY
CONTRACTORS-ENGINEERS-GEOLOGISTS

1415 Riverside P.O. Box 4307
SPOKANE, WASHINGTON 99202
Phone (509) KE 4-0862

General Offices and Plant
1624 Pioneer Road P. O. Box 58
SALT LAKE CITY, UTAH 84110
Phone 487-7595

BRANCH OFFICES
PHOENIX
RENO
SPOKANE
DENVER
SACRAMENTO
SANTIAGO, CHILE
LIMA, PERU

January 10, 1967

Mr. Jack A. Harbaugh
918 North 28th. street
Boise, Idaho

Dear Sir:

Mr. Ed Tucker will be out of town for several weeks and has asked me to give you some figures on core drilling on your Good Hope mining claims in the Frenchman Creek area, Idaho.

The following rates are for estimate only and can be adjusted after we get a look at the property.

1. Mobilization and Demobilization of crews and equipment $1000.00

2. Drilling and casing overburden and unconsolidated material $15.00 per foot

3. Drilling rates 0.0 to 500 feet — NCWL Core $10.90 per Ft. — NXWL Core $9.30 per Ft. — BXWL Core $8.15 per FT.

4. Reaming and casing, If necessary, All sizes $4.50 per foot.

5. Cementing and drilling cement wil be at the rate of $11.95 per hour, Plus cost of cement and additives including drilling mud.

6. Moving from drill site to drill site, Setting up and tearing down, $11.95 per Hour.

7. Surveying or delays for your convenience, $11.95 per hour

8. Adequate roads to leveled drill sites will be provided at no cost to Boyles Bros.

We will be happy to visit your property when possible and submit a firm bid and probably can lower the drilling rate.

Thank you for calling on Boyles Bros. and hope to see you next summer.

Sincerely
Fred Robertson
Fred Robertson, Field Superintendant

isolated prismatic crystals in the northern part of the vein. In the southern part pyrrhotite, with about an equal amount of intermixed quartz and diopside, forms a band 15 to 20 feet wide next to the hanging wall. Thin sections of this material show clearly that the pyrrhotite replaces quartz monzonite, the quartz of which remains. The feldspar and biotite crystals are completely transformed to pyrrhotite and diopside, the feldspar showing a slight tendency to be in the centers of diopside areas. Much of the diopside also is poikilitic with respect to quartz grains. Near the crest of the ridge the vein incloses a large lenticular mass of quartz monzonite in which considerable sphalerite occurs as isolated patches and stringers, some of which are 3 to 4 inches across. The sphalerite is accompanied by a little galena, pyrite, stibnite, pyrrhotite, and arsenopyrite. The quartz monzonite here is intensely sericitized and locally is greenish gray and of a silky luster. The feldspars are changed to a felted mass of sericite, which incloses grains of the sulphide minerals. Chlorite and a little magnetite occur in areas probably occupied originally by biotite. In one of the thin sections of the sulphide ore the main mass, pyrrhotite, is intricately fractured and traversed by iron-stained quartz of netlike distribution.

The tenor of the Empire ledge matter is not definitely known, but pannings from outcrop material show the presence of gold in many places. Mr. George Z. Blackman, of Clayton, Idaho, the owner, claims that ore from a 30-foot face in the lower tunnel averages $12 to the ton in gold, although it would seem from the panning of the specimens collected by the writer that this estimate is too high. On the crest of the hill the outcrop is said to contain $6 to $7 in gold to the ton.

West Empire vein.—One hundred feet west of the Empire is a parallel ledge 15 feet wide known as the West Empire. It has not been developed.

Vein east of the Empire.—East of the Empire, perhaps 100 feet, another quartz ledge appears at the surface for a considerable distance, but has not been explored.

Reconstruction vein.—The Reconstruction vein lies 400 feet east of the Empire and parallel to it. It is about 20 feet wide and, as exposed at the time of the examination, is an iron and manganese stained honeycombed quartz throughout. Sulphide minerals were not seen in any of the ore, but as the vein corresponds to the Empire in general appearance, it is probable that about the same mineral association characterizes the primary ore. Samples taken across the entire width of the vein are said to show by amalgamation tests a possible recovery of nearly $10 to the ton in gold. The gold pans readily but is very fine and flaky.

VIENNA DISTRICT.

GENERAL FEATURES.

The Vienna district embraces an unorganized area in the western part of the quadrangle about the headwaters of Smiley Creek, a tributary of Salmon River, and of Vienna Creek, a tributary of South Fork of Boise River. During the six years following the discovery of mineral in the district in 1879 the camp was an active mining center. The town of Vienna was a flourishing settlement of perhaps 1,000 inhabitants, 200 or more buildings, and a 50-ton capacity stamp and chlorination mill. None of the buildings now stand, however, though great piles of timber mark their positions and clearly bespeak the rapid depreciation of abandoned improvements in this area of heavy snow and long winters. The settlement is completely razed, and is about as desolate a place as one could imagine. Great tiers of cordwood, comprising possibly 20,000 cords in all, piled in the gulch and about the mill, tend to confirm the statement of former residents that activities in the district ceased abruptly. About eight years ago the claims were sold for taxes, and during 1912 three of them were worked under bond and lease from the person who bid them in. Many companies operated in the district during the first two or three years, but the claims were gradually consolidated into two principal groups, the Solace, with 16 patented claims, and the Vienna, with 33 patented claims.

PRODUCTION.

The production of the district can not be stated exactly, but is probably about $1,000,000. Statements from the reports of the Director of the Mint for 1881 to 1884 afford some scattered and fragmentary information which can not be satisfactorily tabulated. The Vienna mill seems to have been erected soon after the discovery of the Mountain King ledge, in June, 1881, and to have produced $300,000 during 1883 and about $200,000 during 1884, all in silver bullion containing some gold. In 1883 the Mountain King, a claim of the Vienna group, is said to have produced $103,600 from ore containing 20 to 30 ounces of silver to the ton. During this period other claims in the district were producing some ore, but the amount is not a matter of official record. The production after 1884 is not given specifically for this district.

PRINCIPAL MINES.

Development.—The mines are about 2 miles south of the old town of Vienna, near the head of the west branch of Smiley Creek. Development is extensive, possibly aggregating 15,000 or 20,000 feet of work, as estimated from the size of numerous dumps on both sides and around the head of the canyon. The principal workings of the Solace mine are about half a mile south of the Vienna.

Geology.—The deposits of the district occur well within the area of the Idaho granite, which crops out over most of the central part of the State. Here the granite is a light-gray equigranular rock, which along the veins is intensely sericitized, quartz being the only mineral in it which is unaltered. Along the gulch a few miles below the mine a little limestone float was seen, but it is not known to have any relation to the ore deposits and is certainly of small extent within the drainage area of Smiley Creek. About a mile below the old town of Vienna is the southwestern side of a wide belt of Tertiary lavas which extends northward for many miles along the course of Salmon River.

Mountain King mine.—At the time of the writer's visit only the Mountain King workings were accessible. They had recently been cleaned out in part by a group of men who held three claims of the Vienna group under bond and lease, and who were seeking lead-silver ores in the old silver-quartz stopes. This is said to be the only mine in the district which contains important amounts of lead ores, and as lead was not desired in the chlorination mill owned by the old company it was not removed from the mine. The ore occurs along a crushed zone that strikes N. 60° W. and dips 51° NE. in the upper levels and 80° in the lowest or No. 4 level. Development comprises about 6,000 feet of work in four drifts on the vein. As shown by the old stopes the ore body was about 700 feet long and ranged in width from a few inches to 15 feet, probably averaging about 4 feet. It is said that material from these stopes averaged between 20 and 30 ounces of silver to the ton and contained a noteworthy amount of gold. The best lead ore was found on level No. 3 near raise No. 9, where a small vein which strikes N. 40° E. intersects the main lode. The silver-quartz ore occurred as a band 8 to 20 inches wide alongside the galena ore, either next to the hanging wall or next to the footwall. Both sorts of ore show abundant evidences of replacement of crushed granite. Next to the vein, pyrite as isolated cubes and stringers is developed in the granite, and sphalerite and galena replace blocks of wall rock within the fissure. The granite is intensely sericitized adjacent to the fissure, and locally chlorite is abundantly developed. The lead ore is irregularly distributed along the fissure and ranges in width from 1 inch to 6 feet.

Assay records supplied by T. H. Williams, who with two associates held the bond and lease in 1912, are as follows:

Assays of ore from veins of Mountain King mine, Idaho.

Width in inches of vein sampled.	Gold.	Silver.	Lead.	Zinc.	Insoluble.	Sulphur.	Iron.	Copper.
	Ounces.	*Ounces.*	*Per cent.*	*Per cent.*	*Per cent.*	*Per cent.*	*Per cent.*	*Per cent.*
16	1.07	26.4	28.0	14.9	4.6	26.1	13.5	0.3
24	1.58	11.1	6.8	4.0	27.2	21.6	21.8	.2
20	.98	4.9	1.2	12.4	10.4	34.0	25.6	.2
72	.58	6.8	11.4	14.2	27.8	22.4	14.3	.2

Three carloads of hand-sorted ore said to average $50 to the ton were shipped from the mine in 1912. This ore consisted of galena, sphalerite, and pyrite in a coarse-textured quartz gangue.

SAWTOOTH DISTRICT.

The Sawtooth district, which embraces a large area south and southwest of Alturas Lake, was not visited during the reconnaissance. The district was the seat of an important mining industry from about 1880 to 1888. During much of this time about 150 men were employed in the area and ore said to have been worth nearly $1,000,000 was produced. Detailed records of this early activity are not available, but in the reports of the Director of the Mint for 1881 to 1884, inclusive, brief references to the camp appear in the notes on Alturas County, which then included the area. Deposits were opened on Beaver, Eureka, and Jake gulches, all of which produced high-grade silver ore, some of it containing as much as 4,000 ounces of silver to the ton, but after two or three years the Silver King and Pilgrim mines, both owned by the Columbia & Beaver Co., were the principal producers. A 20-stamp mill erected near the town of Sawtooth made its first run in the fall of 1883, producing $60,000 worth of bullion in 45 days.

The mode of occurrence of the ore is said to be similar to that at Vienna. All the deposits are veins in granite. The principal ore minerals are proustite, cerargyrite, and silver-bearing sphalerite in a quartz gangue. Galena is notably scarce and in most places is absent. The district is extensively developed, but work was abandoned so long ago that all the tunnels are reported to be caved. The Silver King shaft, 600 feet deep and the most extensive working in the district, is in the flat of Beaver Creek. The workings are entirely flooded. This mine is said by those who worked in its lower levels to contain a 16-inch band of ore which carries 350 to 400 ounces of silver to the ton and a little gold. The silver occurs as proustite and a "fine-grained greasy substance," which the miners called "black metal." The mine was worked from 1881 to 1888 and according to the statement of former residents of the district is reputed to have produced $700,000, principally during the last two years in which it was operated.

3(G)

(Refer to 3F)

Jack A. Harbaugh
918 No 28th St
Boise, Ida #83702

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(2/63)

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		220

AIRMAIL

AUG 17 1970

Mr. Jack A. Harbaugh
918 North 28th Street
Boise, Idaho 83702

Re: OME-6610 (Silver)
Jack A. Harbaugh, et al.
Good Hope Claims
Blaine County, Idaho

Dear Mr. Harbaugh:

The OME contracting activities during fiscal year 1971 will be conducted under curtailed circumstances, and will be limited to applications offering the best opportunities for making significant discoveries. Contracts will be prepared to the extent that funds will permit and first priority will be given to applications already processed.

Sincerely yours,

William L. Emerick

William L. Emerick
Assistant Chief
Office of Minerals Exploration

cc: Director's Reading File
Mineral Resources File
OME Docket
OME Reading File
OME Region I w/cy of incoming ltr.
Mr. Emerick

WLEmerick/bsl 8/17/70

Aug 11, 1970
918 No. 28th St
Boise, Ida
83702

Mr. Frank C. Johnson;
U.S. Dept of Interior
O.M.C. Geological Survey.
Washington D.C. 20240

Dear Mr. Johnson;

Having had correspondence with you previously am writing you in regards to a O.M.C. loan.

Is it true there is no money available at this time for a O.M.C. loan.

Would you please let me know by return mail. Thanking you for your trouble.

Sincerely yours,
Jack A. Harbaugh

Subject O.M.C.-6610

OFFICIAL MAIL
O. M. C.
RECEIVED
AUG 15 1970
INITIAL CODE
120 E

MME Form 7
(2/63)

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Date	Surname	Code
6/5/67	Kirkemo	120
		110
		220

AIRMAIL

JUN 6 1967

Mr. Jack A. Harbaugh
918 North 28th Street
Boise, Idaho 83702

Re: OME-6610 (Silver)
Jack A. Harbaugh, et al.
Good Hope Claims
Blaine County, Idaho

Dear Mr. Harbaugh:

We acknowledge and thank you for the information contained in your letter of June 2. Accordingly, we are considering your application as having been withdrawn and are placing it in our inactive files.

If you wish to reopen this application at any time in the future, you may do so by filing a new application, referring to the OME docket number, and furnishing the information pertinent to your new proposal. This information should include new bank letters dated within 90 days of filing the new application, but need not report data already submitted.

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
OME Region I w/cy incoming letter

GLAult/a 6-5-67

23263

Re: A.M.C - 6610 (Silver) June 2, 1967

918 N. 28th St.
Boise, Ida
83702

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O. M. E.
RECEIVED
5 1967
INITIALS CODE
glo 120
~~Rj 110~~
120
(Peterson)

Mr. Frank C. Johnson
Chief Office of Minerals Exploration,
Washington D. C.

Dear Mr. Johnson;

Am chagrined for not answering your good letter of April 4th, through a misunderstanding on my part. To be frank with you I felt our property would not qualify because of the high lead content of our best assay.

For your information the assays sent were all we had in hand and the property being at 10,000 ft. elevation, we will not be able to send any assays or samples until we can visit the property, and the way local conditions are sizeing up that will be sometime in the

latter part of July.

As I believe I stated before this showing is in a slide gulch and will take all our cash reserve to doze out the Spring slough so at this time we are in no position to take advantage of a Government loan.

I wish to thank you for your cooperation and if we are fortunate in uncovering some of the 270 ounce silver ore that we had at one time and the assay was misplaced over the years, we will contact you again. Thanking you again for your time and expense.

Sincerely yours,

Jack A. Harbaugh,

MME Form 7
(2/63)

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Date	Surname	Code
5/31/67	Peterson	120
		120
		110
5/31	Cal	220
		120M

AIRMAIL

MAY 31 1967

Mr. Jack A. Harbaugh
918 North 28th Street
Boise, Idaho 83702

Re: OME-6610 (Silver)
Jack A. Harbaugh, et al.
Good Hope Claims
Blaine County, Idaho

Dear Mr. Harbaugh:

On April 4, 1967, we wrote you outlining certain information which is necessary to continue the processing of your application. To date, we have not had a reply to our letter. Will you please inform us of your plans regarding the application. If you have decided not to pursue it further, will you please so inform us.

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
OME Region I
Mr. Peterson

GLAult/a 5-31-67

23263

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(2/63)

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4/4/67	Peterson	120
4/4/67	Kiebemo	120
		110
4/4	cal	220
		120M

AIRMAIL

APR 4 1967

Mr. Jack A. Harbaugh
918 North 28th Street
Boise, Idaho 83702

Re: OME-6610 (Silver)
Jack A. Harbaugh, et al.
Good Hope Claims
Blaine County, Idaho

Dear Mr. Harbaugh:

A preliminary review of your application for exploration assistance indicates that your property may not qualify under the OME regulations for eligible minerals. The assay data submitted with the application indicate that the property is primarily a lead-zinc deposit. Because lead and zinc are not currently eligible for assistance, we cannot participate in exploring for ores in which the principal dollar value is expected to be in these metals. However, if silver and other eligible minerals are expected to be present in sufficient amounts to make it profitable to mine the ore found for these metals only, a property could be considered as being eligible for assistance. Also, if a substantial amount of eligible minerals is expected to be found by the proposed work, a property could be considered as being eligible for assistance, even though the principal dollar value of the ore found would be expected to be lead and zinc.

Possibly, there may be specific areas on the property where geologic conditions would favor high silver values with respect to the lead-zinc content of the mineralization. If you believe these targets do exist, you should submit sample and assay data to support this view and related information to substantiate your proposal.

For your information, we find that allowances for personal services and supplies contributed by the applicant usually are not sufficient to cover his share of project costs. Please note that the Government does not provide funds for the services of a camp tender.

In addition, the Government pays its share of the costs at the end of each month after a voucher for the costs incurred has been submitted and approved. It usually takes two or three weeks to process such a voucher. An applicant, therefore, should have sufficient funds readily available to pay for all the costs of the project for the first two or three months.

23263

Submittal of information to qualify your proposal for further consideration should not be construed as a commitment by the Government to grant an exploration contract. We shall hold the further processing of your application in abeyance 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 File
OME Region I
OME Reading File
Mr. Peterson

ECPeterson/gla 4-4-67

March 28, 1967

Mr. Jack A. Harbaugh
918 North 28th Street
Boise, Idaho 83702

Subject: OME-6610

Dear Mr. Harbaugh:

Your application for exploration assistance, dated March 17, 1967, submitted to our office at Spokane, Washington, has been assigned Docket No. OME-6610.

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

Sincerely yours,

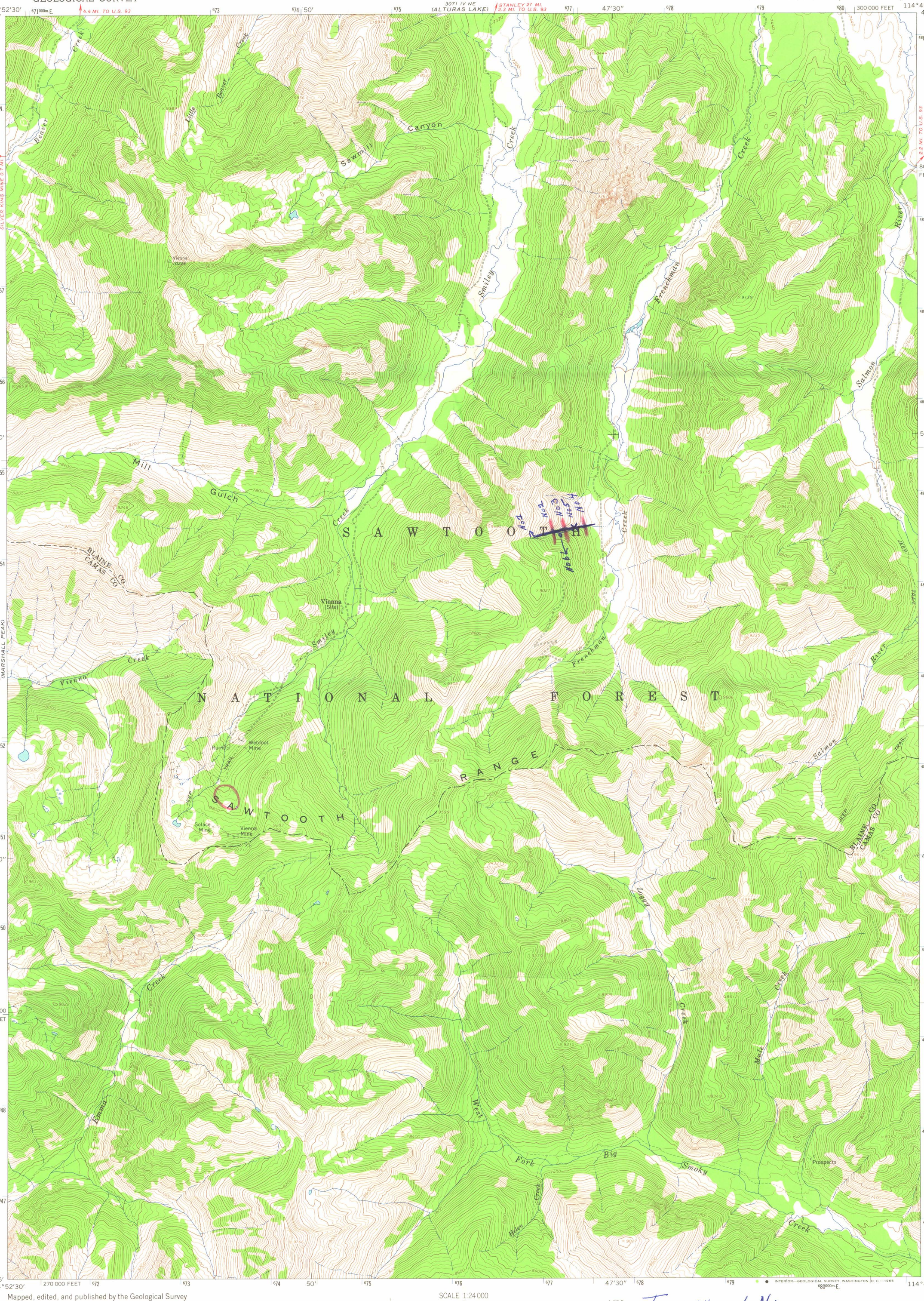
Frank E. Johnson
Chief, Office of
Minerals Exploration

Copy to Region I

3 (A) Please return Jack A. Harbaugh
918 No 28th St #
Boise, Ida 83702

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

FRENCHMAN CREEK QUADRANGLE
IDAHO
7.5 MINUTE SERIES (TOPOGRAPHIC)



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Topography by photogrammetric methods from aerial photographs taken 1957. Field checked 1964

Polyconic projection. 1927 North American datum
10,000-foot grid based on Idaho coordinate system, central zone
1000-meter Universal Transverse Mercator grid ticks, zone 11, shown in blue

Where omitted, land lines have not been established

UTM GRID AND 1964 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

CONTOUR INTERVAL 40 FEET
DOTTED LINES REPRESENT 20-FOOT CONTOURS
DATUM IS MEAN SEA LEVEL

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A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

Township 6 No
Range 14 East
Section 27

ROAD CLASSIFICATION
Light-duty
Unimproved dirt

IDAHO
QUADRANGLE LOCATION

FRENCHMAN CREEK, IDAHO
N4345—W11445/7.5
1964
AMS 3071 IV SE—SERIES V893

This district produced $1,000,000 in Silver in the 1800s.

No 1 — Vein - East - West Break

No 2 - Bull Dozer cut 12' deep at This point. Quartz vain material coming, vain 6' to 1' wide at this cut. Water here and oxides showing Assay mil. grad sample every foot across 7'

No 3 Vein was exposed in this cut 14' wide heavy impregnated with arsenic with 8" to 20" of high grade on foot wall assaying 0.14 gold 20.85 silver 50.5 lead 1.8 zinc 12' of gouge on foot wall side crushed 0.10 silver 0.1 lead 0.1 zinc

No 4 This cut 10' deep vein 6' wide water coming oxides showing grab sample taken every foot across vein assayed oz/ton 0.20 silver 0.1 lead 0.1 zinc

No 5 Ore showing here in outcrop deep where you can dig high grade nodules out of over burden.