MME Form 9
Rev. Nov. 65

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

OFFICIAL DOCKET FILE Contract No. _____ Docket No. 6576

Application
- [x] Denied
- [ ] Withdrawn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
- [x] On-site Exam. Report (Tab) 7-25-67
- [ ] 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

A. L. LIBRA
ATTORNEY AT LAW
PARK-EDWARDS BUILDING
MAIL ADDRESS: P. O. BOX 1691
HELENA, MONTANA 59601
TELEPHONE 442-2220
AREA CODE 406

WALTER H. BOLKOVATZ
ASSOCIATE

OFFICIAL COPY
O. M. E.
RECEIVED
MAY 22 1967
INITIALS | CODE
120 M
120 P

May 17, 1967

Mr. Frank E. Johnson, Chief
Minerial Exploration
Department of Interior
Washington D. C. 20025

OME-6576 (Copper and Silver)
W. A. Hall, Butterfly Mine, Lewis
and Clark County, Montana

Dear Mr. Johnson:

Enclosed are two additional assay reports of ore samples from the Butterfly Mine, in support of the above application. The sample for these assays were taken from a five foot wide vein of ore at a depth of 50 feet down the winz of the Butterfly Mine.

The history of this particular development of the Butterfly Mine shows that production by the original developers was abandon when the free gold ore was replaced by copper and silver ore.

The purpose of the request of the loan from OME is for the development of a shaft to come under this body of ore. The plan appears to be justified by the showing of the assays particuarily theo one dated May 16, 1967, indicating a substantial potential for this plan.

If you desire any further assays or information please let us know.

Sincerely yours,

Walter H. Bolkovatz

Walter H. Bolkovatz

WHB/lb
encl
cc: Rep. Arnold Olson
House Office Building
Washington D. C.

Honorable Mile Mansfield
Senate Office Building
Washington D. C.

A. L. LIBRA
ATTORNEY AT LAW
PARK-EDWARDS BUILDING
MAIL ADDRESS: P. O. BOX 1691
HELENA, MONTANA 59601

WALTER H. BOLKOVATZ
ASSOCIATE

TELEPHONE 442-2220
AREA CODE 406

OFFICIAL
COPY
O. M. E.
RECEIVED
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120 M
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EP 120P
HK 120K

December 27, 1966

U. S. Department of the Interior
Office of Minerals, Explorations
Geological Survey
Washington 25, D. C. 20242

OME-6576 (Silver and Copper)
W. A. Hall Butterfly Mine
Lewis and Clark County, Montana

Dear Sir:

Enclosed is an assay report of the Anaconda Company on four ore samples from the Butterfly Mine.

These samples were taken from twelve foot of ore of the drift which is being driven to come under the Hi-grade ore at the tope of the hill.

This assay was requested by your representative from Spokane, who directed that it be sent directly to your office.

Sincerely yours,

W A Hall
W. A. Hall

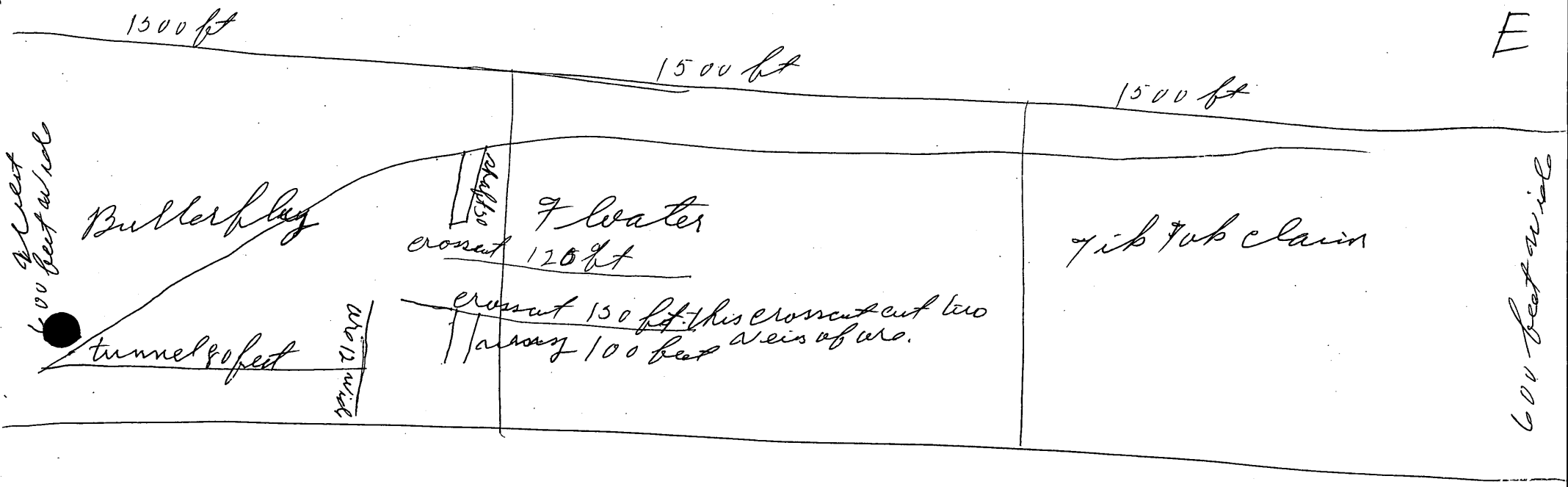
WHB/ds

Encl. Assay Report

Cy of ltr + enc. to R-I 1/5/67

N.

I am driving tunnel to come in under the old working



F. 15154-A—4-65—40M—Standard

THE ANACONDA COMPANY

ANACONDA REDUCTION DEPARTMENT

ASSAY OFFICE

DATE 12-19-66, 19

Hand Sample

	Date of Sample	Lot		Cu	Ag	Au	Fe				
Ore No. 1	12-6	25841		.04	.05	.002	.3				
Ore No. 2		25842		.06	.06	.004	4.7				
Ore No. 3		25843		.15	.04	.002	3.2				
Ore No. 4		25844		.14	.05	.002	6.9				
Mr. Al Hall											
Box 205											
Helena, Montana											

Chief Chemist

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
GEOLOGICAL SURVEY
So. 157 Howard Street
Spokane, Washington 99204
September 30, 1966

OFFICIAL COPY
O. M. E.
RECEIVED
OCT 3 1966
INITIALS | CODE
+/R | 10/3/66

Memorandum

To: Chief, Office of Minerals Exploration

From: Field Officer, Region I

Subject: Transmittal of Application for Assistance (Silver-Copper)
W. A. Hall
Butterfly Mine
Lewis and Clark County, Montana

The property which is the subject of the enclosed application is the same as that in Docket No. DMEA-5001 (Copper). Apparently, the only work that has been done since the examination report in the prior docket by William C. Prinz is the construction of an access road and 65 feet of new drift or crosscut. Whether this is from the site proposed in the former application cannot be determined as no map is included, unless Exhibit C which appears to be a section is actually a map.

Denial of the prior application is recommended by Prinz and is implied in the Administrator's letter of August 22, 1958, to the applicant. The enclosed application contains no new evidence that would justify further consideration. The engineer's report, Exhibit "D" contributes nothing in the way of factual data.

The applicant might be requested to furnish a map showing where he has taken his samples, if any, and the assay results. Without new evidence of this sort, it is recommended that the application be denied.

D R MacLaren
D. R. MacLaren

Enclosure

A. L. LIBRA
ATTORNEY AT LAW
[redacted]
MAIL ADDRESS P. O. [illegible]
HELENA, MONTANA [illegible]

WALTER H. BOLKOWATZ
ASSOCIATE

TELEPHONE [illegible]
AREA CODE [illegible]

Park-Edwards Building
September 22, 1966

United States Department of Interior
Office of Mineral Exploration
U. S. Geological Survey
South 157 Howard Street
Spokane, Washington 99204

Application of W. A. Hall

Gentlemen:

Enclosed is the application of W. A. Hall for an exploratory assistance loan.

Would you please advise us if the application is sufficiently complete and of any additional requirements

We would greatly appreciate knowing the approximate time involved in processing an application of this type.

One item which we neglected to include in the application is the information that the area is open the year around for mining, exploration or mining work.

Sincerely yours,

A. L. LIBRA & W. H. BOLKOWATZ

/s/ By Walter H. Bolkowatz

WHB/de

Encls.

MME Form 40
Jan. 55

RECEIVED
SEP 26 1966

Budget Bureau No. 42-R1508
Approval expires Dec. 31, 1968

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.)*

W. A. Hall
1839 Stuart Street
Helena, Montana

APPLICANT DO NOT USE THIS BLOCK

DOCKET NUMBER: 6576

DATE RECEIVED: 10-3-66

REGION: I

DIVISION CODE:

BUSINESS ORGANIZATION *(Check one)*

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

STATE IN WHICH FIRM IS ORGANIZED:

LIST CORPORATE OFFICERS OR PARTNERS HERE, IF APPLICABLE

NAME	ADDRESS	TITLE

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

ESTIMATED COST OF PROJECT: $ 25,000.00

PROPERTY NAME	LOCATION COUNTY	LOCATION STATE
Butterfly	Lewis & Clark	Montana
Tip Top		
Floater		

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.

September 22, 1966
DATED

W A Hall
BY *(Signature)*

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 open[illegible] *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

ADDENDUM TO W. A. HALL'S APPLICATION FOR FINANCIAL ASSISTANCE IN MINERAL EXPLORATION TO BE ATTACHED TO MEE FORM 40 PURSUANT TO PUBLIC LAW 85-701 (72 STAT. 700; 30 U. S. C. 641)

1. Financial Eligibility:

a. Correspondence attached hereto, exhibit "A", shows refusal of the Union Bank & Trust Co. of Helena, Montana and the First National Bank & Trust Co. of Helena, Montana to make exploratory loans to the applicant.

b. There are no affiliated, parent, or controlling companies or organizations.

c. Applicant proposes to furnish his share of the costs of the exploratory work by furnishing equipment, and facilities hereinafter listed, and making advances of cash for commencement of operations.

2. Applicant's right in land:

a. Applicant's interest in the land is as the owner of unpatented mining claims on which annual development work and recorded reports are current.

b. The available legal descriptions of the land upon which applicant desires to explore is attached hereto as Exhibit "B". The applicant does not own adjacent land. The book and page number for each recorded location including amended location and the official place where recorded is attached hereto as Exhibit "B".

c. The land and mineral rights are not encumbered.

3. Physical description:

a. No mining operations have been conducted on these claims for a period of approximately forty years. The last work was the sinking of a winze and a two cross-cuts and one tonnel of approximately sixty-five feet as indicated on the attached drawing marked exhibit "C".

b. Applicant's interest is to develop the claims and only work that he has accomplished is the annual assessment work and the driving of the 65 foot tunnel to come under the old shaft and winze.

c. No records are available of past and current production as there were no mine records or published data.

d. Describe known ore reserves. No ore reserves known, however veins of ore can be traced for a mile.

e. Geological features of the property including ore minerals and type of deposit are sulfite ore of silver and copper indicated by veins outcropping.

f. State your reasons for expecting to find ore and if you have sampled the area, show where the samples were taken, describe sampling methods used, and provide copies of assay certificates. Except to find ore as indicated by outcroppings and ore indications of old dumps previously mined for free gold only.

g. Two copies of all geological engineering reports assay maps or technological information. See attached exhibit "D".

4. Easily accessible by good roads.

a. W. A. Hall, 1839 Stuart Street, Helena, Montana, Telephone 442-6951. Area code 406.

b. Shipping point and supply point Helena, Montana approximately forty five miles distance. Smelter Anaconda, Montana, approximately ninety miles distance.

5. Exploration work.

a. Proposed exploration work would consist of extending the tunnel as shown on the map attached, approximately three hundred feet to come under the old shaft and winze as indicated. The proposed openings would be six feet wide and eight feet high.

b. Access road already built. Possibility of some maintenance work.

c. Work could be started immediately and it is proposed to finish the work within a period of six months.

6. Experience:

Applicant has had forty five years experience in mining and developing mining, working as an operator, superintendent and is presently actively engaged in supervisory capacity of mining operations and as a consultant for mining operations.

7. Estimate of cost:

Supervision	$25.00 per day
Labor per day	50.00 -- two miners

Powder per foot	$ 4.00	
Caps per foot	.15	
Fuse per foot	1.00	
Pipe per foot	1.00	
Rails per foot	1.50	
Ties per foot	.50	
Spikes per foot	.50	
Bits per foot	3.00	
Diesel fuel for compressor engine	5.00	per day
Oil for compressor engine	1.00	" "
Oil for engine	.75	" "
Drill oil	.50	" "
Diesel to run mucking machine	5.00	" "
Wear on jack hammer and steel	1.00	" "
Timber per foot	1.50	
Compressor depreciation	2.00	
Mucker depreciation	1.00	
Bookkeeping	1.25	per day
Workman's Comp.	7.50	" "
Unemployment Tax	15.00	" "
Social Security	20.00	" "

a. There will be no independent contractors as applicant will do the work himself. Consulting engineer, Mr. Hewitt, Helena, Montana $100.00 for one day per month.

b. The following is a list of equipment now owned by applicant and available in conjunction with this application.

Capital -	Schram 315 compressor	value	$5,000.00
"	Emco No 12 Mucker	"	3,000.00
"	Gardener Denver Jack Leg & Hammer	"	1,000.00
"	Three Tons of 25-lb rails	"	450.00
"	Two-Hundred feet 2" in airline	"	80.00
"	Drill Steel	"	150.00
	Bits	"	75.00
	Water tank	"	100.00
	Waterline	"	50.00
	Water and Air hose	"	100.00
	Miscellaneous tools and supplies	"	200.00
	Cabin 14 X 18	"	250.00
	Compressor House	"	550.00
	Mine cars	"	200.00
	Timber truck	"	50.00
	Two boxes of 200 lbs of powder	"	
	Two boxes of blasting caps, pick shovels and miscellaneous tools		
	One 1966 Ford pickup half ton 4-wheel drive truck		

All of the above listed equipment, facilities and tools are in repair and ready for use and operation immediately.

UNION
BANK AND TRUST COMPANY
AREA CODE 406
442-5050
HELENA, MONTANA 59601

September 6, 1966

Mr. W.A. Hall
Box 295
Helena, Montana

Dear Bill:

Your application for a loan of approximately $25,000 for exploration work on the Butterfly mine has been discussed with my associates and carefully considered by them. They have asked me to advise you that we would not be in a position to extend you this credit at this time. We do appreciate the opportunity of considering this business and regret we cannot be of service to you at the moment.

Sincerely,

F.M. Gannon
Executive Vice President

FMG:ch

EXHIBIT "A"

1st NATIONAL BANK & TRUST COMPANY

LAST CHANCE GULCH AND SIXTH AVENUE

HELENA, MONTANA

PHONE 442-2540

BURTON FELDER
VICE PRESIDENT

September 6, 1966

Mr. W. A. Hall
Box 295
Helena, Montana

Dear Bill:

We acknowledge receipt of your application for a loan of $20,000.00 to $25,000.00 to be used in exploration work on the Butterfly Mine located in Section 14, Township 13 North, Range 8 West, M.P.M., Lewis & Clark County, Montana.

Because of the present tight money situation and because of the risk involved in mining exploration ventures, we are not inclined to make such a loan at this time.

Very best personal wishes,

Burton Felder

Vice President

BF:jj

EXHIBIT "A"

SHOWN ABOVE IS A PENCIL SKETCH ENTITLED "EXPLORATION." ONE OF FOUR LARGE OIL PAINTINGS BY WESTERN ARTIST SHORTY SHOPE. COMPOSING A MURAL IN THE LOBBY OF OUR BANK.

Box 295
Helena, Montana 59601
August 31, 1965

First National Bank & Trust Co.
Helena, Montana

Gentlemen:

I am the owner of a group of unpatented mining claims known as the Butterfly Mine which is located in Section 14, Township 13 North, Range 8 West, M.P.M., Lewis & Clark County, Montana.

The Butterfly group has been recently inspected and tested by Gustaf M. Carlson, exploration and mining engineer of Duluth, Minnesota, who recommended development and exploration of the group.

It is estimated that the cost of the proposed exploration work would amount to the sum of $[illegible] to $25,[illegible]. It is necessary that this total sum of money be borrowed periodically as the work on the mine would progress, and repayment of the loan be made from royalties, o[illegible].

If your bank will consider this loan, would you please so inform me, and if not, it would be appreciated if a letter rejecting the loan could be sent to me.

Any details required, such as the plan of the proposed work and the findings warranting the expenditure of the money for development of the mine, can be furnished upon request.

Sincerely yours,

W. A. Hall

WAH/sm

EXHIBIT "A"

Box 295
Helena, Montana 59601
August 31, 1966

Union Bank & Trust Co.
Helena, Montana 59601

Gentlemen:

I am the owner of a group of unpatented mining claims known as the Butterfly Mine which is located in Section 14, Township 13 North, Range 8 West, M.P.M., Lewis & Clark County, Montana.

The Butterfly group has been recently inspected and tested by Gustaf M. Carlson, exploration and mining engineer of Duluth, Minnesota, who recommended development and exploration of the group.

It is estimated that the cost of the proposed exploration work would amount to the sum of $20 to $25,000.00. It is necessary that this total sum of money be borrowed periodically as the work on the mine would progress, and repayment of the loan be made from royalties, or recoveries.

If your bank will consider this loan, would you please so inform me, and if not, it would be appreciated if a letter rejecting the loan could be sent to me.

Any details required, such as the plan of the proposed work and the findings warranting the expenditure of the money for development of the mine, can be furnished upon request.

Sincerely yours,

W. A. Hall

WAH/sm

EXHIBIT "A"

EXHIBIT "B"

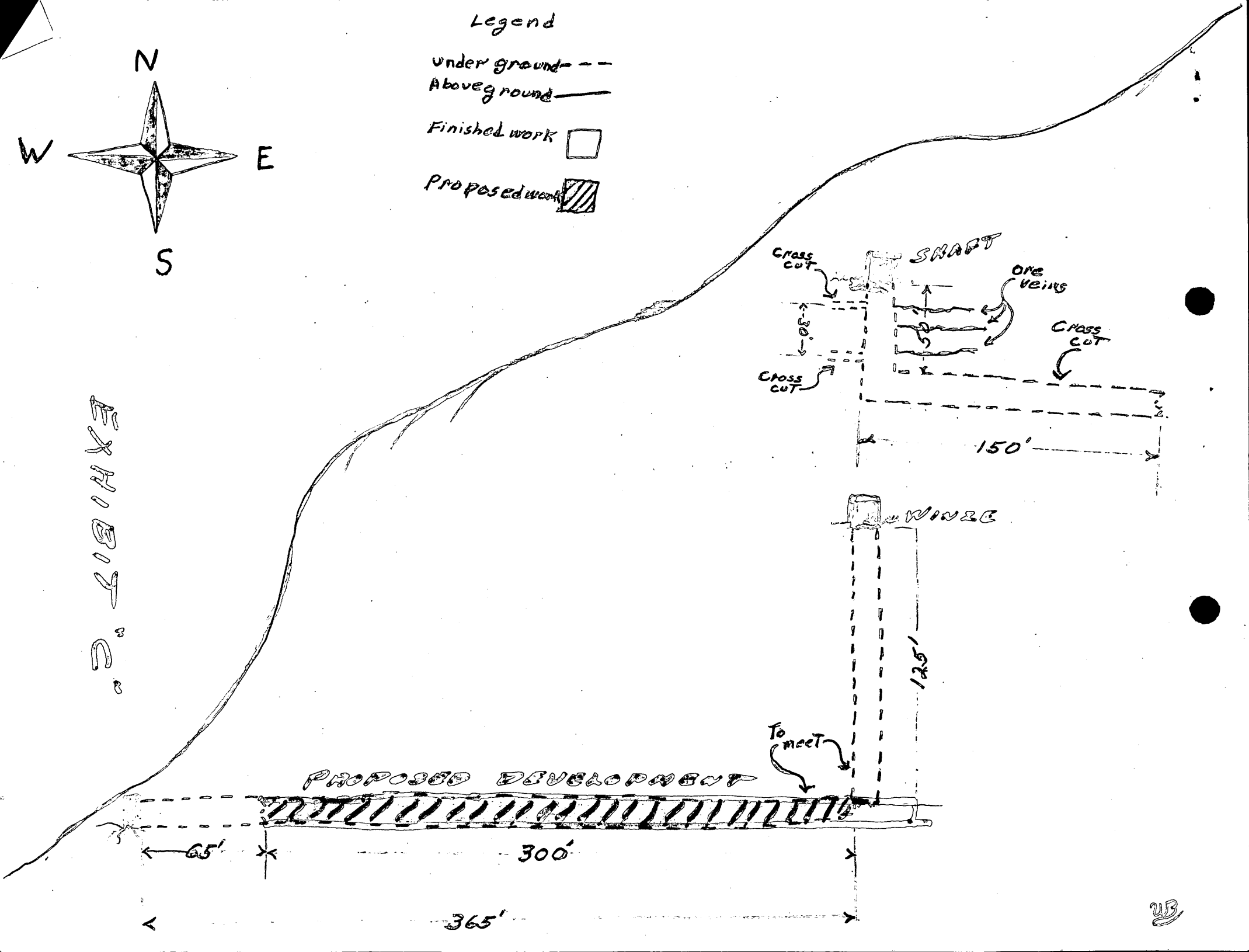
1. The Butterfly lode, located in Sec. 14, Township 13n range 8 W. M. P. M. certificate of location filed September 9, 1911 in Book 21, locations page 55 records of Lewis & Clark County, Montana

2. The Tip Top lode, Located in Sec. 14, Township 13n range 8 W. M. P. M. certificate of location filed Jund 4, 1936 in Book 26, locations page 160 records of Lewis & Clark County, Montana. Adjoins the Botterfly lode on the South.

3. The Floater lode, located in Sec. 14, Township 13n range 8 W. M. P. M. certificate of location filed October 23, 1936 in Book 26 locations page 217 records of Lewis & Clark County, Montana. Adjoins the Tip Top lode on the South.

4. All of the above lode claims deeded to W. A. Hall Filed February 13, 1958 in Book 201 deeds page 51 records of Lewis & Clark County, Montana.

EXHIBIT "B"


N
W
E
S
Legend
Under ground
Aboveground
Finished work
Proposed work
SHAFT
Cross cut
Ore veins
30'
Cross cut
Cross cut
150'
WINZE
125'
To meet
PROPOSED DEVELOPMENT
65'
300'
365'
BAXHIBIT "C"

GUSTAF M. CARLSON
EXPLORATION AND MINING

11 E. CUTLER - BOX 278
HELENA, MONTANA

202 N. 24TH AVENUE EAST
DULUTH 12, MINNESOTA

This is to certify that on this date I visited the mining property of Mr. W. A. Hall, Box 295, Helena, Montana, known as the Butterfly Mine and consisting of the following unpatented lode mining claims located in Lewis and Clark County, Montana , in Section 14, T. 13 N., R. 8 W., M. P. M. : Butterfly, Floater, Tiptop, Bonanza, Bonanza No. 1 and Bonanza No. 2.

I inspected the only recent work on the property, a 60-foot horizontal adit following easterly on an argillite-porphyry contact, and concluded that further exploration along this structure, both at the present horizon and deeper, will have the distinct possibility of disclosing commercial silver ore as well as copper.

Gustaf M. Carlson
Gustaf M. Carlson
Engineer of Mines

Helena, Montana
August 17, 1966

EXHIBIT "D"

MME Form 7
(2/63)

OME-6574

OME

OFFICIAL FILE COPY

Date	Surname	Code
11/7/67	Peterson	120
11/7/67	Kirkbaner	120
"	Johnson	110
11/9	Kilgerald	
11/9	Kemp	

NOV 9 - 1967

Hon. Arnold Olsen
House of Representatives
Washington, D. C. 20515

Dear Mr. Olsen:

This is in reply to your request of October 30, 1967, to the Congressional Liaison, Department of the Interior, to provide you with information relative to the application for exploration assistance of Mr. W. A. Hall, Helena, Montana.

Mr. Hall was notified by the Office of Minerals Exploration on August 18, 1967, that his application was denied. He was informed that this action was taken without prejudice to the property and, should he perform additional work on the Butterfly mine which disclosed new evidence that would support an exploration project, the OME would be pleased to consider a new application at that time.

The application, received early in October 1966, lacked the necessary geological data to properly evaluate the proposal. After considerable correspondence with the applicant, some of the information was obtained, and an on-site examination of the property was made on June 20, 1967.

It should be noted that Mr. Hall's application was essentially the same as the one he submitted to the Defense Minerals Exploration Administration (DMEA) in 1958, which was the predecessor organization of the present Office of Minerals Exploration (OME). At that time a field examination of the property was made by DMEA engineers who concluded that because of weak mineralization at the property the chance of making a significant ore discovery was remote, and the application was denied.

Assays obtained from samples taken by the OME field examiner during his examination confirmed the findings of the DMEA engineers. In addition, the examiner found no geologic evidence to indicate that further exploration of the Butterfly mine was warranted.

The OME acknowledges that the assays submitted by Mr. Hall of samples reportedly taken several years ago in the partially caved winze show interesting copper and silver mineralization. Perhaps some work by the applicant at his own expense in this area would provide the necessary geologic data to support an exploration project. However, at the time of the field examination, the winze was not accessible to the OME representative for study and evaluation.

178460

23263

As requested, the copy of Mr. Hall's letter and accompanying enclosures are returned for your records.

Sincerely yours,

William A. Bakes

Acting Director

Enclosures

cc: General Files
Division Copy
Director's Chron
Economic Geology File
Bureau of Sport Fisheries and Wildlife, Rm. 3258, Interior
Assistant Secretary--MR (2)
Congressional Liaison
OME File
OME Reading File
OME Region I w/ copies incoming correspondence
Mr. Peterson

ECPeterson/gla 11-7-67

HOUSE OF REPRESENTATIVES, U.S.
WASHINGTON, D.C.

October 30, 1967, 196__

Congressional Liaison
Department of Interior
Interior Building
Washington, D.C.

The attached communication is submitted for your consideration, and to ask that the request made therein be complied with, if possible.

If you will advise me of your action in this matter and have the letter returned to me with your reply, I will appreciate it.

Att: Mrs. Willies

Very truly yours,

ARNOLD OLSEN

M.C

Montana, First District

F S F

OCT 18 1967

MGS

October 15, 1967

Box 295
Helena, Montana 59601

Congressman Arnold Olsen
House of Representatives
Washington, D. C. 20000

Dear Arnold:

Wish I could talk to you, but that's out, so will have to write. Enclosed find copy of letter we got back about the buffalo meat. Why was it changed? So the poor man doesn't have a chance? Why couldn't it have been left like it was?

I was turned down on my loan for the Butterfly Mine. I risked my neck going down the old shaft on a rope to get samples for the office in Washington, D.C., they assayed from $55.00 to $111.00. Then they sent the man over from Washington state and he said "don't tell me there is good ore down that shaft. Then I can't O.K. the loan." How are you going to please them; one office tells you to do one thing, and the other one tells you something else. I don't think it's what you have, it's who you are.

In the last two months, there have been two loans made, one for $66,000.00 to pumpt out the old Elkhorn shaft looking for silver, the other [illegible] for silver. I know what is in my shaft [illegible] same thing that they gave money to another fellow to do.

I also was reading where they gave a fellow $15,000.00 to experiment on raising muchrooms in an old abandoned mine, and gave $564,000.00 to a bunch of doctors in Boston to find out what makes a man act the way he does when he is drunk. I just found this, I cut it out of the paper and had some copies made.

As ever,

WH:ds

Encls.

Get Drunk for Pay

CHICAGO TRIBUNE

With the Johnson administration forced to call for a $29 billion increase in the national debt ceiling because of its spending proclivities, we didn't realize the bureaucrats had any extra money to throw around on quixotic projects. Nevertheless, the department of health, education, and welfare is giving $584,000 to scientists in Boston and Harvard Medical School for a study of the thoughts and behavior of veteran alcoholics on a bender.

None of your party-waist pantry drinkers or country club bon vivants need apply. Only genuine Grade A boozo-hounds, male, 35 to 45 years old, with a cirrhosis history of at least five years of drinking among, may participate. We should think HEW might be able to find all the applicants it might on the Washington cocktail circuit, but that's beside the point.

For a half million dollars the scientists may wind up with nothing more than the conclusion that drunks struggle under a compulsion not unlike that which stimulates Washington bureaucrats to go on spending sprees for nonessential projects.

NATIONAL BISON RANGE
MOIESE, MONTANA 59824

TO ALL APPLICANTS FOR BUFFALO MEAT

The policy of the Bureau of Sport Fisheries and Wildlife with regard to disposal of surplus animals is described in this letter. Beginning this year, 1967, as many surplus buffalo will be sold alive as possible, thus minimizing the butchering program. This will cause a reduction in the amount of buffalo meat available for sale.

In the past, about one-third of the surplus animals were sold alive and the rest butchered. As annual disposal averaged between 70 and 90 animals, this generally resulted in a considerable amount of meat being available for sale to organizations or clubs and individuals. Demand for live buffalo has increased, so the butchering program will be reduced. Sale of live buffalo is preferred, since it is more in keeping with the objective of the Range to emphasize restocking. This method of disposal is also more economical.

Organizations and clubs are given priority for buffalo which are butchered, with distribution made on a first come-first served basis. Requests are accepted for one-fourth or one-half of a carcass. If the number of applications from organized groups exceeds the supply of meat, applications will then be subject to a public drawing. When the group applications are filled, any remaining meat will be made available to individual applicants on a first come-first served basis unless a drawing becomes necessary. Demand by organized groups has been such that meat will not ordinarily be available to individuals.

Applicants who are not notified of availability of meat by October 15 may assume their applications could not be honored.

If you have questions concerning the surplus buffalo disposal program, please do not hesitate to write.

MME Form 7
(2/63)

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Date	Surname	Code
8/16/67	Peterson	120
8/16/67	Nishemo	120
"	Johnson	110
8/17	Tuete	220
		110
		220

AUG 18 1967

Mr. W. A. Hall
P. O. Box 295
Helena, Montana 59601

Re: OME-6576 (Copper and Silver)
W. A. Hall
Butterfly Mine
Lewis and Clark County, Montana

Dear Mr. Hall:

Careful study of your application for financial assistance in exploring the subject property and of other information available to us indicates that the probability of disclosing significant ore reserves on the property is not sufficiently promising to justify Government participation therein. Accordingly, we must inform you that your application for exploration assistance is denied.

We regret the necessity of taking this action which, however, is taken without prejudice to the property. Should you perform additional work on the property in the future which discloses evidence that could materially change this opinion, we shall be pleased to consider a new application at that time.

We wish to thank you for your interest in the minerals exploration program and for bringing your property to our attention.

Sincerely yours,

FRANK E. JOHNSON

Frank E. Johnson
Chief, Office of
Minerals Exploration

cc: DRF
Div.
Econ. Rdg. File
OME Docket
OME Reading File
OME Region I
Mr. Peterson
130

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23263

MME Form 7
(2/63)

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Date	Surname	Code
8/16/67	Kirkham	120
"	Johnson	120
		110
		220

August 16, 1967

Memorandum

To: The File

From: Edward C. Peterson, Office of Minerals Exploration

Subject: OME-6576 (Copper and Silver)
W. A. Hall
Butterfly Mine
Lewis and Clark County, Montana

Justification for Denial of Application

The Applicant proposes to explore for copper and silver on the subject property by extending a recently driven adit an additional 300 feet to reach a point approximately 200 feet below old mine workings. Total estimated cost of the proposed work is $25,000.00.

The proposal is essentially the same as the one the Applicant submitted to the Defense Minerals Exploration Administration (Docket DMEA-5001) in 1958. At that time a field examination of the property was made by DMEA engineers, who concluded that because of weak mineralization at the property the chance of making a significant ore discovery was remote and the application was denied.

Although some additional work has been completed on the property since 1958, no new or additional supporting information has been submitted to justify the proposed work.

Assays obtained from samples taken by the OME field examiner during his recent examination of the property confirm the findings of the DMEA engineers. He found no additional geologic evidence on the property to indicate that further exploration was warranted.

It is noted that three assays, submitted by the Applicant, of samples reportedly taken several years ago in the partially caved winze, showed interesting silver and copper mineralization. Perhaps geologic data supporting an exploration project may exist in this area; however, no factual information is available and the winze was not accessible to the OME representative for examination.

23263

I concur with the OME field examiner and recommend that the application for assistance be denied without prejudice to the property.

Edward C. Peterson

CC: Director's Reading File
Division File
Economic Geology Rdg. File
OME Docket
OME Reading File
Mr. Peterson

ECPeterson/gpw 8-16-67

Ed:

I concur with Mac's recommendation to deny without prejudice.

I doubt that we should offer an alternate program — the assays don't support one and I doubt that the Applicant would hire a geologist to help him with the geology involved.

Best bet is to do more work in mine in order to determine strength & content of vein, fault

strike & dip, and relationship to vein, and dip & outward to test vein length.

Kirk

OME

OFFICIAL COPY
O. M. E.
RECEIVED
JUL 31 1967

INITIALS	CODE
glg	130
JCL	110
HK	120 for Peterson

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
So. 157 Howard Street
Spokane, Washington 99204
July 25, 1967

MEMORANDUM

To: Chief, Office of Minerals Exploration

From: Field Officer, Region I

Subject: Application Examination Report
OME-6576 (Copper and Silver)
W. A. Hall
Butterfly Mine
Lewis and Clark County, Montana

INTRODUCTION

In a prior application, Docket No. DMEA-5001, W. A. Hall proposed to drive 350 feet of adit and 200 feet of crosscut to explore two copper-bearing veins below their exposures in shallow workings. DMEA examiners inspected the property May 28, 1958, mapping and sampling the old workings. However, their inspection of the more extensive lower level was limited by a winze that was inaccessible and that could not be crossed to inspect workings beyond it. On the basis of the weak mineralization seen at that time the application was denied.

Since the 1958 inspection Mr. Hall bulldozed a short access road, built a cabin and a compressor house, and started to drive his proposed adit.

In September 1966 Mr. Hall submitted another application in which he proposed to extend his new adit "approximately 300 feet to come under the old shaft and winze." The application offered no new sample assay data and no claim or other map. In a letter dated October 10, 1966, the Chief, OME, pointed out to Mr. Hall that his application was essentially the same as the one formerly denied and suggested submitting any new information that might be available including sample assays, maps or sketches, data relative to sampling methods, widths, etc. With a reply dated October 25, 1966, Walter H. Bolkovatz, the applicant's attorney, submitted two assay certificates dated June 15 and October 18, 1966, which he said "were taken from old workings at the top of the hill;" adding that the maps requested "would necessitate the expenditure of $500.00 or more." In view of this apparent misunderstanding of OME requirements the Field Officer

ON-SITE EXAM. REPT.

arranged to interview Mr. Hall in Helena, Montana, the afternoon of November 9, 1966. The gist of the conversation is given in a memorandum dated November 17, 1966.

With a letter dated December 27, 1966, Mr. Hall submitted a claim map of sorts and an assay report of four samples dated December 19, 1966. Other assay reports were submitted from time to time. In all, 11 reports which included 3 duplicates accounted for 21 samples of which 6 came from other properties. In one case four samples were described as being "taken from 12-foot of ore of the drift which is being driven." In a letter dated March 21, 1967, Mr. Bolkovatz states: "The samples for this assay and the other assays submitted to you were taken out of the winze of the mine some years ago." But the assay sheets submitted with this letter clearly indicate that four of the six assays submitted came from the Canyon Ferry mine. No sample widths nor the types of samples taken were ever indicated.

The application was referred to the field May 25, 1967, "for further study, a field examination, and recommendations." The property was visited in the company of the applicant June 20, 1967. About 5 hours were spent on the property sketching the "new" exploration tunnel and the workings in the old Lower Adit level which were inaccessible to Prinz. The locations and type of samples for which assays had been submitted were then discussed with the applicant and one of his miners who did some of the sampling. In table 1 as much of the data that could be collected is shown for each sample, the samples being grouped according to their general location. The applicant's sample numbers are preceded by the respective dates of the assay reports. Samples numbered 858-862 were taken by Prinz, and those numbered 701-704 were taken by this examiner; the DMEA and OME sample locations are shown on plate 1. More precise locations and widths of the applicant's samples that could be established during the examination are indicated in table 1 under "Remarks."

The applicant had a surveyor on the property 1 or 2 weekends prior to the examination. A sketch of his work was loaned to the examiner. Plate 1 is a composite of Prinz's figures 1 and 2, the examiner's sketches of the new exploration tunnel and the workings north of the winze shown on Prinz's figure 2, and the applicant's sketch showing the relative locations of the exploration tunnel and the Lower Adit portals. Figure 1 is a claim map showing the approximate locations of workings within the claims and the approximate orientation of the claims, based on the sketch submitted with the applicant's letter of December 27, 1966. Figure 2 is a composite longitudinal section along a line extending through the centers of the new tunnel and the collar of the winze on the Lower Adit level.

Table 1

Assay data Sample width	Sample no.	Oz/Ton Au	Oz/Ton Ag	Percent Cu	Percent Pb	Remarks
New drift						
12/19/66	Ore 1	0.002	0.05	0.04	NA	Appl's let. 12/27/66 says these 4 samples were taken from 12' of ore in this drift. In field identified as corresponding to 702.
	" 2	0.004	0.06	0.06	NA	
	" 3	0.002	0.04	0.15	NA	
	" 4	0.004	0.05	0.14	NA	
5/26/67	25941	0.007	0.30	0.12	NA	In the field also identified as the same as 702.
	25942	0.005	0.15	NA	NA	
	25943	0.022	0.18	0.27	NA	
24"	701	Tr	0.10	Tr	NA	
36"	702	Tr	0.10	Tr	NA	
Lower Level						
15"	858	Tr	0.80	0.16	0.41	
18"	859	Tr	Tr	0.03	Nil	
5"	860	Tr	0.10	Tr	Nil	
6"	861	0.03	0.30	0.12	Nil	
4"	862	0.36	1.10	1.20	0.11	Sample taken 5' E. of winze.
24"	703	Tr	0.10	0.05	NA	
18"	704	Tr	0.10	Tr	NA	
Winze						
6/15/66	3858	Tr	0.40	14.70	NA	Identified in field as grab samples from muck in winze bottom. According to Bolkovatz let. 3/21/67 these samples were taken several years ago.
10/18/66	--	0.06	3.80	5.90	NA	
1/ 9/67	14742	0.025	0.10	0.15	0.15	
	14743	0.03	0.33	0.15	NA	
5/12/67	6448	1.04	1.00	NA	NA	Same as 25940.
5/16/67	6450	0.02	9.20	13.60	NA	Grab from muck in winze.
5/26/67	25939	0.018	8.93	16.30	NA	Cut from vein 5' wide 50' down winze.
	25940	1.032	0.72	1.17	NA	Grab from muck 50' down winze.

LOCATION, PROPERTY, PROPERTY RIGHTS, AND GEOLOGIC SUMMARY

These are essentially the same as given by Prinz. Therefore, the balance of this report will be limited to a discussion of what was seen in the Lower Adit level north of the winze and in the applicant's new exploration tunnel, a brief discussion of what the assays suggest, and other considerations, followed by Summary, Conclusions, and Recommendations.

EXAMINATION

New Exploration Tunnel.--Starting in quartz monzonite or diorite, a timbered tunnel bears S. 85° E. for 17 feet swinging to S. 70° E. for 28 feet at which point the timber ends. The breast of the tunnel is 74 feet beyond the end of timber. Seven feet beyond the timber a contact between the igneous rock and metasediments strikes N. 80° E. and dips 68° N. The contact zone is about 2 feet wide, is crushed, contains quartz lenses and pods with considerable iron-oxide streaks and stains and spotty weak copper-oxide stains. Seven samples reportedly taken by the applicant within this zone showed gold values to range from 0.002 to 0.007 ounce per ton, silver from 0.04 to 0.30 ounce per ton, and copper from 0.04 to 0.27 percent. A sample taken by the examiner assayed trace gold and 0.10 ounce silver per ton and nil copper across 3 feet.

Sixty feet and 70 feet beyond the timber cross structures were cut; the first strikes N. 20° W. and dips 75° SW., the other strikes N. 10° W. and dips 80° SW. The first structure appeared to be a shear zone about 2 feet wide that contains some iron-oxide stains and narrow clay seams. A sample taken by the examiner across a width of 2 feet assayed trace gold and 0.10 ounce silver per ton and nil copper. The second structure was a weak shear containing only sparse and occasional stains of iron oxide.

Lower Adit.--Starting at the north edge of the winze the crosscut continues N. 10° E. for 42 feet then turns gradually to N. 21° E. for another 28 feet. Here a drift bearing N. 85° W. follows a shear that pinches to hairlike thickness and widens to about 2 feet, for a distance of 45 feet. At the west end the shear is cut off by a fault striking N. 8° W. and dipping 70° E. This is unquestionably the same fault Prinz mapped at the west end of two westerly drifts. Between the crosscut and the fault there were short stretches of weak iron-oxide staining and a few very weak copper stains along the shear, but at two places there were vuggy pods from 2 to 4 feet long and 1 to 2 feet wide that were heavily iron stained, the larger and more heavily iron-stained one being about 12 feet from the drift face. A sample across 18 inches was taken here; it assayed trace gold and 0.1 ounce silver per ton and trace copper.

From the crosscut a drift had been driven N. 80° E. for 40 feet apparently following a knifelike shear that showed very little, if any, iron-oxide staining and no copper stains for the first 30 feet. At this point the drift was widened to the north exposing a quartz vein about a foot wide. At the face the quartz had widened to 2 feet and showed several patches of copper-oxide stains. They were irregular in size and shape within a zone about 18 inches wide. A sample taken here over a width of 2 feet assayed trace gold and 0.10 ounce silver per ton and trace copper. An effort was made to cut a representative sample including proportionately the copper-stained material and the quartz. Because the copper content was surprisingly low Peter Mack, who did the assaying, was asked to run a check assay for copper. Using a much larger sample, he came up with 0.05 percent copper.

Beyond the drift just described, the northerly crosscut offset slightly to the east continued for 33 feet on a bearing of N. 5° E. From 10 to 13 feet on this course there is a shallow winze, 3 to 4 feet deep. The copper-stained quartz vein exposed in the east drift was not found in the extended crosscut, nor indeed was any structure.

Except for the east end, the structure along which these drifts were driven is more weakly mineralized than the main vein mapped and described by Prinz. On the basis of what the level work shows there is little, if any, evidence to indicate a reasonable chance of making a significant discovery of copper ore by the method proposed by the applicant. However, these workings are shallow and the assays of certain samples give cause for further consideration.

Sample assays.--One level sample assay, number 862 in table 1 and on plate 1, indicates 0.36 ounce gold and 1.1 ounces silver per ton, 1.20 percent copper and 0.11 percent lead over a width of 4 inches. This is of particular interest because it was cut within about 5 feet of the winze collar. Five of 7 samples said to have come from the winze range in grade from 1.17 to 16.3 percent copper; the other 2 each assayed 0.15 percent copper. Five samples range in grade from 0.018 to 1.04 ounces gold per ton and six range from 0.4 to 9.20 ounces silver per ton. The respective sample groups average 0.36 ounce gold and 4.01 ounces silver per ton and 10.33 percent copper.

Four of these samples were said to be grabs from muck in the winze, taken at different times. One of the miners went down the winze on a rope to the top of the muck pile some time this spring and took two samples which he identified as numbers 25939 and 25940. The former was cut across 5 feet of vein, the latter was a grab from "all over the muck pile." Assuming that each of these assays are of samples that actually were taken in the winze, it would appear that both grade and width of the vein are increasing with depth.

Whether the winze is following down a chimneylike ore shoot, or whether there may be, at the level of the new tunnel, an ore shoot of minable size and grade cannot be determined. Possibly, the upper workings are in a zone of nearly complete oxidation. I am not convinced that this is the case, but the winze assays along with Prinz's one level assay suggest the possibility.

Other considerations.--During the examination Hall remarked that his intent is to drive his new tunnel to come beneath the ore in the winze and start mining. When he was told that such a project could only be considered as preparation for mining and could not be accepted as an exploration project, he became a bit indignant and wanted to know "what good is this program if it cannot support any work that will lead to production?" When he was asked if he would consider drifting 200 feet or so to explore the mineralized structure after he reached it, he said he would, but said so without much enthusiasm.

His intent at the time the application was submitted is indicated in item 5(a) ". . . extending the tunnel . . . approximately 300 feet to come under the old shaft and winze . . ." It is also indicated in Mr. Bolkovatz's letter of October 25, 1966, to Mr. Johnson ". . . driving a tunnel to come under the old previous shaft. OME . . . would be used to continue the tunnel." It is indicated again in Mr. Bolkovatz's letter of March 4, 1967, to Representative Olsen ". . . From the last ore that came out of the winze . . . there was 5 to 14 percent copper . . . and drive the tunnel to come under the ore body." Finally, it is indicated in a letter from Mr. Bolkovatz to the Chief, OME, May 17, 1967; "The purpose of the request of the loan from OME is for the development of a shaft to come under this body of ore."

The applicant stated that he could finance his share of the cost. He did not go into much detail but implied that he had funds coming in fairly regularly that would permit him to do this. He has two miners working now who have driven the new tunnel 6' x 8' in section, about 120 feet of which 45 feet is timbered. In addition, he has built a 14' x 18' cabin valued at $250.00 and a compressor house valued at $550.00, and has acquired equipment having a present fair market value of more than $14,000.00. Therefore, it is concluded that by the statement in his letter of October 25, 1966, to Mr. Johnson, Mr. Bolkovatz intended to imply that Hall could better spend $500.00 driving his new tunnel than for engineering and geological work as part of an application that might be denied.

SUMMARY

1. Evidence in a surface pit and the Lower Adit, except for one sample, 862 taken by Prinz, indicates that the grade of the veins is low between the surface and the Lower Adit level, and that vein widths range from thin seams up to as much as 3 feet locally. Several pods containing limonite-filled pits and vugs, generally weak copper-oxide stains, the low metal content of seven out of eight samples taken (including one Prinz took at the surface which is shown on plate 1 but is omitted from table 1) and the general increase in the grade of samples taken from 50 feet or deeper in the winze, when considered together, suggest that the area between the Lower Adit level and the surface may have been almost completely oxidized and leached.

2. The veins exposed in the Lower Adit drifts are cut off at the west end of the workings by a fault of unknown displacement. The applicant's new tunnel is west of the fault and is not following any mineralized structure. Samples from this tunnel therefore bear no relation to the proposed target area.

3. Whether the winze is following a lenticular or chimneylike ore shoot or whether it is sinking in an ore shoot of increasing length below the level there is no way of knowing at this time. If the evidence in the winze is indeed an indication that the Lower Adit level is just above a lengthening and widening ore shoot, then there is a 50-50 chance that there may be ore shoots below the Lower Adit level on two other known veins.

4. To reach a point below the ore showing in the winze from the face of the exploration adit as of June 20, 1967, will require about 400 feet of tunnel. The tunnel portal is about 200 feet (181.7 according to the applicant's engineer) below the portal of the Lower Adit workings--essentially the winze collar. At 70° dip to the east the fault that cuts off the veins west of the winze at the Lower Adit level would, at the new exploration level, be between 40 to 50 feet east of a point vertically below the winze. Thus, the exploratory adit would have to be driven 450 feet just to cross the offsetting fault. Even if the exploratory tunnel were only 100 feet below the winze, it would cut the offsetting fault 10-20 feet beyond the winze.

5. The applicant's originally expressed proposal to drift to a point below the ore exposed in the winze so he could start mining can only be considered as preparation for mining and is not acceptable as an OME project. When this was explained to him, he agreed to follow the vein with an exploratory drift, but he appeared somewhat reluctant to do so.

6. Apparently, the applicant has some regular source of funds upon which he can draw to support his share of the costs of a tunnelling project should one be approved.

CONCLUSIONS

It is concluded that the applicant's proposal to extend the new exploration adit approximately 300 feet would leave the breast of the adit about 100 feet short of his target--a point below the winze.

It is further concluded that the fault at the west end of the three Lower Adit level drifts would cross the winze 120 to 130 feet above his tunnel level and that approximately 440 to 450 feet of drifting, as of the date of the inspection, would be necessary to cross the fault. After crossing the fault, long holes to locate the vein and a crosscut to reach it followed by at least 200 feet of drifting would be necessary to explore this one vein. Thus, instead of the approximate 300 feet which the applicant expected would be necessary to reach his target, some 650 to 700 feet of drift and crosscut, measured from the portal of his tunnel, would be necessary for an adequate minimum exploration project.

Finally, it is concluded that without at least three preliminary holes diamond drilled from the surface, one to test for the offset vein west of the fault and two to test the vein east of the fault at the depth of the proposed exploration tunnel, the presently available evidence indicates that the chance of making a significant discovery is a long shot, less than fair.

RECOMMENDATIONS

It is recommended that the application as presented by Mr. Hall be denied.

However, if Mr. Hall would be willing to accept his share of the cost of diamond drilling from the surface to explore the veins east of the fault at or near the level of his proposed exploration drift, a long shot two-stage program, although not strongly recommended, might be considered. With no topographic map it is difficult to estimate with much accuracy the amount of drilling that might be needed for the first stage, but a minimum of three holes totalling about 2,000 feet would probably be a safe estimate.

This was not discussed in the field as the possibility did not become clear until plate 1 and figure 2 were completed. In view of his original intent to drive only far enough to come under ore he could mine, and his apparent reluctance to drive any additional exploratory drifting, it is very doubtful that Mr. Hall would accept such a proposal, preferring to use his funds as they become available for continuing his drift.

If you feel that Mr. Hall should be given an opportunity to accept or reject this proposal, it is suggested that he be given a copy of figure 2 in order to help him understand why no ore should be expected directly below the winze, why so much more drifting and crosscutting than he expected to do is necessary, and why OME considers preliminary drilling necessary as a first stage.

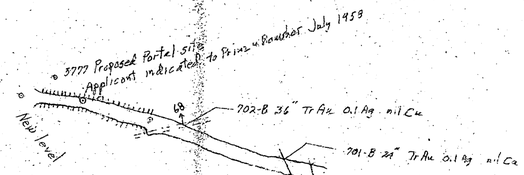
D. R. Maclaren

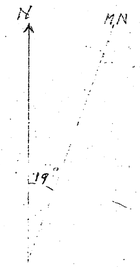
D. R. Maclaren

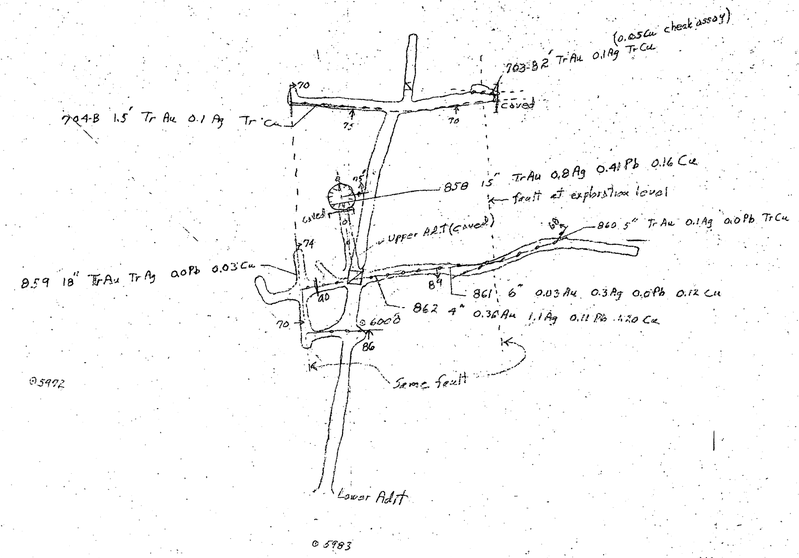
Enclosures
Distribution:
OME
USGS(SRO)
Docket
MacLaren

Department of the Interior
Geological Survey

OME 6576







Composit Map
Butterfly Mine
W. A. Hall
Lewis and Clark County Montana

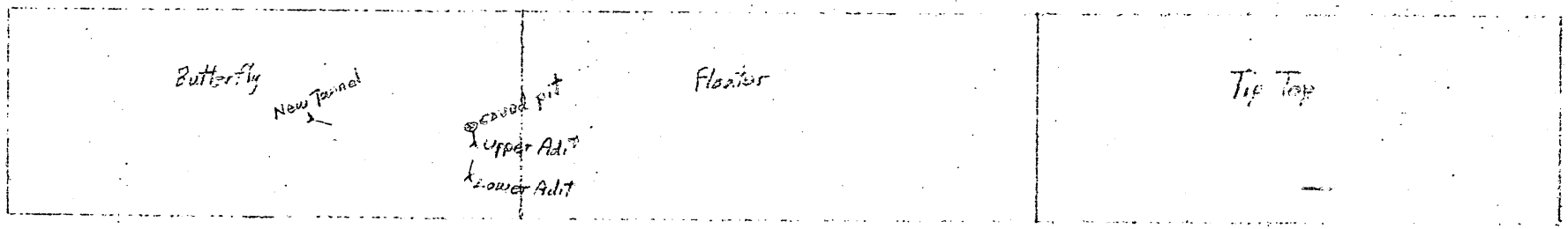
40 20 0 40 Feet

June 1957

Plate 1

Department of the Interior
Geological Survey

OME 6576



Workings approximately located from Applicant's sketch

N (Approx)

Claim Map
Butterfly Mine
W. A. Hall
Lewis and Clark County Montana

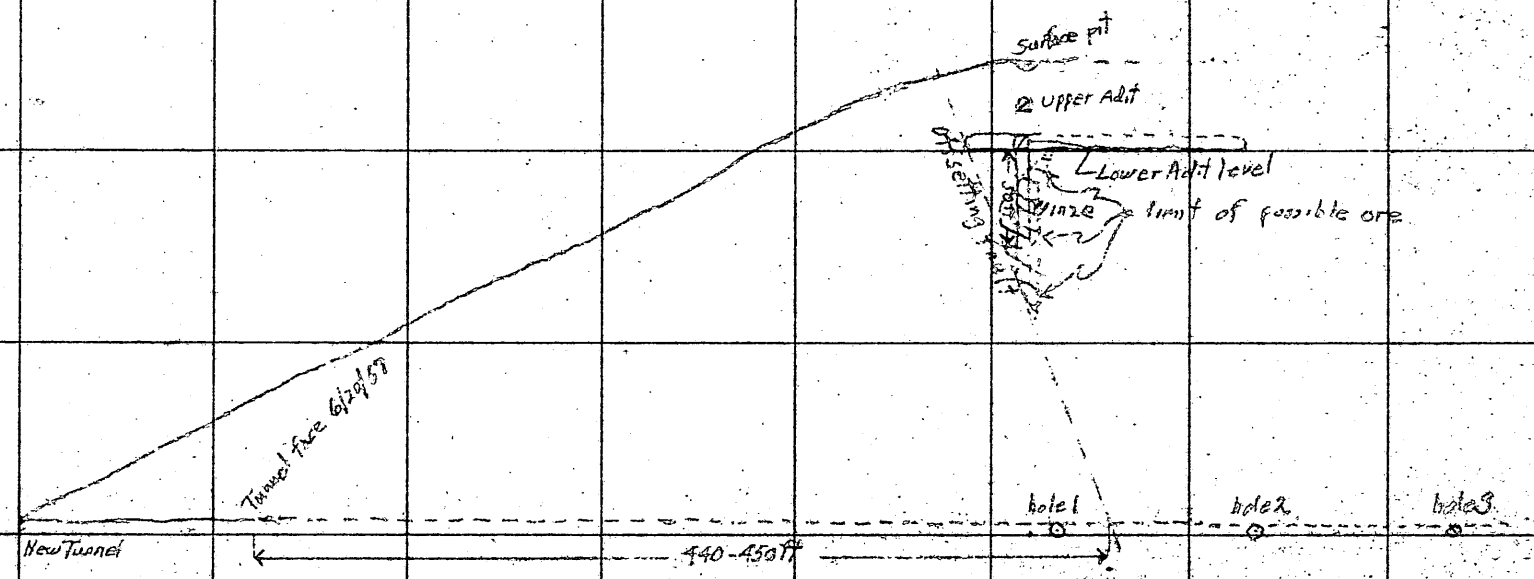
500 250 0 500 feet

OFFICIAL COPY
O. & G. & M.
RECEIVED
JUL 31 1967
INITIALS CODE

fig 1

Department of the Interior
Geological Survey

OME 6576



hole 1 to check possible offset vein.
holes 2 and 3 check vein at exploration level

Section Along Line Connecting
Portal of New Tunnel and Collar of winze
Butterfly Mine
W. A. Hall
Lewis and Clark County — Montana

100 50 0 100 feet

June 1969

fig 2

J. A. Gendron Co., Spokane
K+E ALBANENE 105M TRACING PAPER 02043

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
7/3/67	On leave	120
"	Johnson	110
7/5	Dover	220
7/6	Meyer	

JUL 7 - 1967

Hon. Arnold Olsen
House of Representatives
Washington, D. C. 20515

Dear Mr. Olsen:

This is in reply to your letter of June 28, 1967, to Mr. Frank E. Johnson, Chief, Office of Minerals Exploration, enclosing a copy of a letter to Mr. Johnson, dated June 9, 1967, from Mr. Walter H. Bolkovatz relating to the application for exploration assistance of Mr. W. A. Hall, Helena, Montana, and copies of an assay report and letter from The Anaconda Company. A copy of Mr. Johnson's reply to Mr. Bolkovatz, dated June 14, 1967, is enclosed.

We understand that after making arrangements by telephone with Mr. Bolkovatz, Mr. D. R. MacLaren, Field Officer, OME Region I, accompanied by Mr. Hall, examined the Butterfly Mine on June 20, 1967.

Please be assured that Mr. Bolkovatz and Mr. Hall will be informed of our decision with respect to this application as soon as we have studied the report of examination and other information available on the Butterfly Mine.

The enclosures with your letter of June 28 are returned for your records.

Sincerely yours,

Arthur A. Baker

Acting Director

Enclosures

cc: General File copy
Division copy
Director's chron
Economic Geol. file
OME-6576 file
OME Reading File
OME Region I w/cys incoming correspondence
Mr. Kirkemo

HKirkemo/gla 6-30-67

23263

ARNOLD OLSEN
1ST DISTRICT, MONTANA

ROOM 1424, LONGWORTH BUILDING
PHONE: 225-3211

M65 9C

COMMITTEES:
POST OFFICE AND CIVIL SERVICE
PUBLIC WORKS

SUBCOMMITTEES:
POSTAL RATES AND PARCEL POST, CHAIRMAN
CENSUS AND STATISTICS
OPERATIONS
FLOOD CONTROL
ROADS
WATER DEVELOPMENT
SPECIAL SUBCOMMITTEE ON THE FEDERAL AID HIGHWAY PROGRAM

Congress of the United States
House of Representatives
Washington, D.C.

June 28, 1967

OFFICE COPY
O. M. E.
RECEIVED
JUN 30 1967
INITIALS CODE
170

Frank E. Johnson
Chief of Mineral Exploration
Department of Interior
Washington, D.C.

Dear Mr. Johnson:

I am sending you a copy of a letter that I have received from Mr. Walter Bolkovatz, attorney for Mr. W. A. Hall, who has submitted an application for a loan through the office of the Mineral Exploration. Enclosed is a copy of an assay report by the Anaconda Company which was taken on the Butterfly mine ore. This mine is owned by Mr. Hall. I would like to urge that you do whatever you possibly can to expedite the final processing and approval of a loan to Mr. Hall that would allow further exploration of his mining properties.

Your consideration of this request is appreciated. With kindest personal regards, I am

Sincerely yours,

Arnold Olsen
ARNOLD OLSEN

AO/bs

A. L. LIBRA
ATTORNEY AT LAW
PARK – EDWARDS BUILDING
MAIL ADDRESS: P. O. BOX 1691
HELENA, MONTANA 59601

WALTER H. BOLKOVATZ
ASSOCIATE

TELEPHONE 442-2220
AREA CODE 406

June 9, 1967

Mech

AIRMAIL

Mr. Frank E. Johnson, Chief
Mineral Exploration
Department of Interior
Washington, D. C. 20025

OME--6576 (Copper and Silver)
W. A. Hall, Butterfly Mine
Lewis & Clark County, Mont.

COPY

Dear Mr. Johnson:

Enclosed is an Anaconda Company assay report of ore samples from the Butterfly Mine. The top or first two samples, designated as Lot 25939 and 25940, are from the Butterfly Mine.

Also enclosed is a copy of a letter from the Anaconda Company with information of the value of sample No. 25939 and an offer to process ore from the Butterfly Mine for $117.00 a ton return to Mr. Hall.

This assay and letter are submitted in support of the above-numbered application for a development loan in the sum of $25,000.00 for development of the Butterfly Mine.

The samples were taken from a winz at the top of the hill. Mr. Hall's plan is to extend the present tunnel at the bottom of the hill to come directly under this body of ore. The OME application was submitted with this plan in mind and such money would be used for extending the tunnel and start of production. Since the application was submitted, Mr. Hall has extended the tunnel approximately another thirty to forty feet.

In view of what we consider clear and convincing evidence that the Butterfly Mine comes within the category for which OME loans are available, I would appreciate being informed of the status of the loan and an estimate of time required to process this application.

Sincerely yours,

Walter H. Bolkovatz

WALTER H. BOLKOVATZ

WHB/bg
cc: Mr. W. A. Hall
Hon. Mike Mansfield

F. 15154-A—4-65—40M—Standard

THE ANACONDA COMPANY

ANACONDA REDUCTION DEPARTMENT

ASSAY OFFICE

DATE 5-26-67, 19

Hand Sample

	Date of Sample	Lot		Cu	Ag Oz	Au Oz	Fe	SiO_2	CaO	Al_2O_3
Ore #1	5-15	25939		16.3	8.05	.018	5.2	56.6	.4	4.7
Ore #2		25940		1.17	.72	1.032	22.9	38.6	2.2	13.4
Ore #3		25941		.12	.30	.007				
Ore #4		25942		.26	.15	.005				
Ore #5		25943		.27	.38	.022				
Ore #6		25944		.05	.13	.005				
Ore #7		25945		.05	.08	.003				
W. A. Hall										
Box 295, Helena, Montana										

Chief Chemist

THE ANACONDA COMPANY

ANACONDA, MONTANA

Anaconda Reduction Department

June 2, 1967

Mr. W. A. Hall
Box 295
Helena, Montana

Dear Sir:

Enclosed are two assay certificates showing our analysis of the samples you recently submitted.

Of these only sample No. 1 represents an ore acceptable at Anaconda. We can accept a trial shipment of the ore represented by sample No. 1. The Anaconda Company assumes no responsibility for any loss to the shipper.

We have evaluated sample No. 1 at current metal prices as follows:

Copper	$106.84
Silver	9.84
Gold	.26
	$116.94
Treatment Charge	5.25
Net Value	$111.69

Any freight or trucking will be for your account. We accept truck shipments between 7:30 A.M. and 3:30 P.M. daily except Sunday. Please make shipping arrangements with us at least 24 hours in advance.

Enclosed you will find a purchase schedule for copper ores.

Yours very truly,

C. R. FISH
Ore Buyer

CRF-c

Enclosures

CC:Mr.C.C.Goddard,Jr.
Mr.K.F.Ruckwardt

GEOLOGICAL SURVEY
So. 157 Howard Street
Spokane, Washington 99204
June 16, 1967

OFFICIAL COPY
O. M. E.
RECEIVED
JUN 19 1967
INITIALS | CODE
gla | 120 M
JEA | 110
GP | 120P

Mr. W. A. Hall
P. O. Box 295
Helena, Montana 59601

Re: OME-6576 (Copper and Silver)
W. A. Hall
Butterfly Mine
Lewis and Clark County, Montana

Dear Mr. Hall:

In accordance with my June 15, 1967 telephone agreement with Mr. Bolkovatz, I will arrive in Helena the late afternoon of Monday, June 19, 1967, to visit the Butterfly mine the following day.

I may not be able to stay at the Main Motel as I had hoped and will call you when I arrive in Helena to arrange a time and place for meeting you Tuesday morning.

Sincerely yours,

D. R. MacLaren
Field Officer, OME
Region I

cc: Mr. Walter E. Bolkovatz
Park-Edwards Building
P. O. Box 1691
Helena, Montana 59601

OME

Director's Reading File

DRMacLaren/mls

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
6/13/67	Kirkemo	120
		110
		220
		120M

AIRMAIL

Memorandum

JUN 14 1967

To: Field Officer, Region I

From: Chief, Office of Minerals Exploration

Subject: OME-6576 (Copper and Silver)
W. A. Hall
Butterfly Mine
Lewis and Clark County, Montana

Copies of a letter to us from Mr. Walter H. Bolkovats dated June 9, 1967, assay certificates dated May 12, 16, and 26, 1967, and a copy of a letter to the Applicant from The Anaconda Company dated June 2, 1967, are enclosed. A copy of our letter to Mr. Bolkovats acknowledging receipt of his letter and requesting additional information on the samples is enclosed.

FRANK E. JOHNSON

Frank E. Johnson

Enclosures 6

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

HKirkemo/gla 6-13-67

23263

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
6/13/67	Kirkemo	120
		110
		220
		120M

AIRMAIL

JUN 14 1967

Mr. Walter H. Bolkovatz
Park-Edwards Building
P. O. Box 1691
Helena, Montana 59601

Re: OME-6576 (Copper and Silver)
W. A. Hall
Butterfly Mine
Lewis and Clark County, Montana

Dear Mr. Bolkovatz:

Thank you for your letter dated June 9, 1967, copy of an assay certificate dated March 26, 1967, from The Anaconda Company, and the copy of a letter to Mr. W. A. Hall dated June 2, 1967, from The Anaconda Company.

As you know from our letter to Mr. Hall dated May 25, 1967, the application has been referred to Mr. D. R. MacLaren, Field Officer, Region I, Office of Minerals Exploration, U. S. Geological Survey, South 157 Howard Street, Spokane, Washington 99204. We are furnishing Mr. MacLaren with copies of the information you sent us June 9.

Please provide Mr. MacLaren and this office with data regarding the location and widths of samples identified as Lots 25939 and 25940, and descriptions of the material sampled. This is essential geological information which we need in considering the application.

We understand that Mr. MacLaren phoned you June 13, and that possible arrangements for a field examination with Mr. Hall may be decided by phone on June 14, providing contact can be made with Mr. Hall.

In conversations with Mr. Hall, Mr. MacLaren has pointed out that it is important from the Government's viewpoint for the examining geologist to be able to examine and sample, if necessary, all surface and underground evidence pertaining to the exploration target. The problem at the Butterfly mine concerns access across an old winze in order to examine the face of the tunnel. A field examination will have to be deferred until this portion of the mine is accessible.

23263

Please be assured that prompt consideration will be given to the application when all of the necessary information is available.

Sincerely yours,

FRANK E. JOHNSON

(Pl)

Frank E. Johnson
Chief, Office of
Minerals Exploration

Copy to Mr. W. A. Hall (Airmail)

cc: Director's Reading File
Division File
Economic Geology File
OME Docket
OME Reading File
OME Region I
Mr. Kirkemo

HKirkemo/gla 6-13-67

A. L. LIBRA
ATTORNEY AT LAW
PARK-EDWARDS BUILDING
MAIL ADDRESS: P. O. BOX 1691
HELENA, MONTANA 59601

WALTER H. BOLKOVATZ
ASSOCIATE

TELEPHONE 442-2220
O. AREA CODE 406

OFFICIAL COPY
RECEIVED
JUN 12 1967
INITIALS | CODE
ajla | 120
120
(Peterson)

June 9, 1967

AIRMAIL

Mr. Frank E. Johnson, Chief
Mineral Exploration
Department of Interior
Washington, D. C. 20025

OME--6576 (Copper and Silver)
W. A. Hall, Butterfly Mine
Lewis & Clark County, Mont.

Dear Mr. Johnson:

Enclosed is an Anaconda Company assay report of ore samples from the Butterfly Mine. The top or first two samples, designated as Lot 25939 and 25940, are from the Butterfly Mine.

Also enclosed is a copy of a letter from the Anaconda Company with information of the value of sample No. 25939 and an offer to process ore from the Butterfly Mine for $117.00 a ton return to Mr. Hall.

This assay and letter are submitted in support of the above-numbered application for a development loan in the sum of $25,000.00 for development of the Butterfly Mine.

The samples were taken from a winz at the top of the hill. Mr. Hall's plan is to extend the present tunnel at the bottom of the hill to come directly under this body of ore. The OME application was submitted with this plan in mind and such money would be used for extending the tunnel and start of production. Since the application was submitted, Mr. Hall has extended the tunnel approximately another thirty to forty feet.

In view of what we consider clear and convincing evidence that the Butterfly Mine comes within the category for which OME loans are available, I would appreciate being informed of the status of the loan and an estimate of time required to process this application.

Sincerely yours,

Walter H. Bolkovatz
WALTER H. BOLKOVATZ

WHB/bg
cc: Mr. W. A. Hall
Hon. Mike Mansfield
Hon. Arnold Olson

F. 15154-A—4-65—40M—Standard

THE ANACONDA COMPANY

ANACONDA REDUCTION DEPARTMENT

ASSAY OFFICE

DATE 5-26-67, 19

Hand Sample

	Date of Sample	Lot		Cu	Ozs per Ton Ag	Au	Fe	SiO_2	CaO	Al_2O_3	
Ore #1	5-15	25939		16.3	8.93	.018	5.2	56.6	.4	4.7	
Ore #2		25940		1.17	.72	1.032	22.9	38.6	2.2	13.4	
Ore #3		25941		.12	.30	.007					
Ore #4		25942		.26	.15	.005					
Ore #5		25943		.27	.18	.022					
Ore #6		25944		.05	.13	.005					
Ore #7		25945		.05	.08	.003					
W. A. Hall											
Box 295, Helena, Montana											

E. [illegible] Chief Chemist

GOODALL BROTHERS

ESTABLISHED 1909

ASSAYERS

HORACE HAND, OWNER MANAGER
RES. PHONE 406/442-0696

PHONE 406/442-3770
46 SOUTH MAIN ST.
P. O. BOX 537
HELENA, MONTANA
59601

Helena, Montana, MAY 16 1967

ASSAYED FOR

W. A. Hall

HAND SAMPLE

DESCRIPTION	GOLD Ozs. PER TON	SILVER Ozs. PER TON	WET LEAD PER CENT	COPPER PER CENT	ZINC PER CENT	INSOL. PER CENT	PER CENT	PER CENT	
Butterfly 6450	0.02	9.2		13.6					

(See Bolkovatz ltr dated 5/17/67)

*Gold not deducted

Charges $6.00

GOODALL BROS.

By [signature]

GOODALL BROTHERS

ESTABLISHED 1909 — ASSAYERS

HORACE HAND, OWNER MANAGER
RES. PHONE 406/442-0696

PHONE 406/442-3770
46 SOUTH MAIN ST.
P. O. BOX 537
HELENA, MONTANA
59601

Helena, Montana, MAY 12 1967

ASSAYED FOR

Bill Hall

HAND SAMPLE

DESCRIPTION	GOLD Ozs. PER TON	SILVER Ozs. PER TON	WET LEAD PER CENT	COPPER PER CENT	ZINC PER CENT	INSOL. PER CENT	PER CENT	PER CENT	
Butterfly Mine 6448	1.04	1.0							
(See Bolkovatz Hr. dated 5/17/67)									

*Gold not deducted

Charges $ 3.50 Paid

GOODALL BROS.

By Horace Hand

THE ANACONDA COMPANY

ANACONDA, MONTANA

Anaconda Reduction Department

June 2, 1967

Mr. W. A. Hall
Box 295
Helena, Montana

Dear Sir:

Enclosed are two assay certificates showing our analysis of the samples you recently submitted.

Of these only sample No. 1 represents an ore acceptable at Anaconda. We can accept a trial shipment of the ore represented by sample No. 1. The Anaconda Company assumes no responsibility for any loss to the shipper.

We have evaluated sample No. 1 at current metal prices as follows:

Copper	$106.84
Silver	9.84
Gold	.26
	$116.94
Treatment Charge	5.25
Net Value	$111.69

Any freight or trucking will be for your account. We accept truck shipments between 7:30 A.M. and 3:30 P.M. daily except Sunday. Please make shipping arrangements with us at least 24 hours in advance.

Enclosed you will find a purchase schedule for copper ores.

Yours very truly,

C. R. FISH
Ore Buyer

CRF-c

Enclosures

CC:Mr.C.C.Goddard,Jr.
Mr.K.F.Ruckwardt

OME

Killsgaard 6/6
Dayton 6/6

JUN 6 - 1967

Hon. Mike Mansfield
United States Senate
Washington, D. C. 20510

Dear Senator Mansfield:

This is in response to your letter of May 25 to Mr. Frank E. Johnson, Chief, Office of Minerals Exploration, enclosing a copy of a letter to Mr. Johnson dated May 17 from Mr. Walter E. Belkovatz, relating to the application for exploration assistance (MEL-6576) of Mr. W. C. Hall, Helena, Montana.

We are pleased to inform you that Mr. Hall's application was referred on May 25 to Mr. J. R. McIntyre, OME Field Officer, Region I, South 157 Howard Street, Spokane, Washington, for a field examination of the Butterfly Mine.

The enclosure with your letter is returned as requested.

Sincerely yours,

Arthur B. Baker

Acting Director

Enclosure

cc: General Files
Division
Director's Chron.
Econ. Geol. Reading
OME File
OME Reading
OME Region I w/cy inc. letters.

FEJohnson/blh 5/31/67
Rewrite/THKillsgaard/~~mch~~ gw 6/6/67

May 25, 1967

Mr. Frank Johnson
Chief
Office of Minerals Exploration
Geological Survey
Department of the Interior
Washington, D. C.

Dear Mr. Johnson:

Enclosed is a copy of a letter addressed to your office by Mr. Walter H. Bolkovatz on the matter of OME-6576 submitted by W. A. Hall.

In view of my previous inquiries, I would appreciate your keeping me informed as to what action is taken now that they have submitted the additional assay work. Please return the enclosure for my files after it has served its purpose.

Thanking you and with best personal wishes, I am

Sincerely yours,

Enclosure

May 17, 1967

Mr. Frank E. Johnson, Chief
Minerial Exploration
Department of Interior
Washington D. C. 20025

OME-6576 (Copper and Silver)
W. A. Hall, Butterfly Mine, Lewis
and Clark County, Montana

Dear Mr. Johnson:

Enclosed are two additional assay reports of ore samples from the Butterfly Mine, in support of the above application. The sample for these assays were taken from a five foot wide vein of ore at a depth of 50 feet down the winz of the Butterfly Mine.

The history of this particular development of the Butterfly Mine shows that production by the original developers was abandon when the free gold ore was replaced by copper and silver ore.

The purpose of the request of the loan from OME is for the development of a shaft to come under this body of ore. The plan appears to be justified by the showing of the assays particuarily the one dated May 16, 1967, indicating a substantial potential for this plan.

If you desire any further assays or information please let us know.

Sincerely yours,

Walter H. Bolkovatz

WHB/lb
encl
cc: Rep. Arnold Olson
House Office Building
Washington D. C.

Honorable Mile Mansfield
Senate Office Building
Washington D. C.

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
	Peterson	
5/24/67	Kirkemo	

MAY 25 1967

AIRMAIL

Memorandum

To: Field Officer, Region I

From: Chief, Office of Minerals Exploration

Subject: OME-6576 (Copper and Silver)
W. A. Hall
Butterfly Mine
Lewis and Clark County, Montana

We are referring the subject application to you for further study, a field examination, and recommendations.

A field examination is necessary to reach a final decision regarding the Applicant's proposal and satisfy all interested parties.

Our chief concern regards Mr. Hall's ability to furnish his share of the costs if an exploration contract is recommended. It appears that his funds for such purposes are quite limited.

FRANK E. JOHNSON

Frank E. Johnson

cc: Director's Reading File
Division File
Econ. Geol. File
OME Reading File
130
Peterson

ECPeterson/mm (5/24/67)

23263

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
	Peterson	
5/24/67	Kirkemo	

MAY 26 1967

AIRMAIL

Mr. W. A. Hall
P. O. Box 193
Helena, Montana 59601

Re: OME-6376 (Copper and Silver)
W. A. Hall
Butterfly Mine
Lewis and Clark County, Montana

Dear Mr. Hall:

This will acknowledge receipt of Mr. Believets's letter of May 17 with the two assay report enclosures.

The application is now being referred to Mr. D. R. Maclaren, Field Officer, Region I, Office of Minerals Exploration, U. S. Geological Survey, South 157 Howard Street, Spokane, Washington 99204.

Mr. Maclaren will notify you if additional information concerning the application is needed, and possibly to make arrangements for a field examination.

Sincerely yours,

FRANK E. JOHNSON

Frank E. Johnson
Chief, Office of
Minerals Exploration

cc: Director's Reading File
Division File
Econ. Geol. File
OME Docket
OME Reading File
Region I w/cy incoming letter and 2 assays
Peterson

ECPeterson/mm (5/24/67)

23263

MME Form 7
(2/63)

Docket Copy, Room 4459
OFFICIAL FILE COPY Int.

Date	Surname	Code
3/27	Peterson	
3/27/67	Kishemo	
"	Johnson	
3/28	Lilygard	
3/28	Kupp	

MAR 29 1967

Hon. Mike Mansfield
United States Senate
Washington, D. C. 20510

Dear Senator Mansfield:

This will acknowledge your request of March 28, 1967, to Mr. Frank E. Johnson, Chief, Office of Minerals Exploration, for information on the application for OME assistance submitted by Mr. W. A. Hall of Helena, Montana.

Under OME regulations an applicant is required to furnish supporting geological evidence to justify his proposed work. The data may include geologic or engineering reports pertaining to the property and/or the results of any sampling done on the deposit. This information serves as a guide in our evaluation of the proposal and in determining if an investigation of the property is warranted. As Mr. Hall has not furnished the geologic maps or other data of this type, we must rely entirely on the assay information supplied. Thus far, the information submitted does not lend support to the $25,000 exploration program which he has proposed.

Very little additional exploration work has been completed on the property since 1958, when the Defense Minerals Exploration Administration (DMEA) denied a similar request by Mr. Hall. Engineers at that time made a detailed examination of the Butterfly mine and concluded that because of extremely weak copper mineralization the chance of making a significant ore discovery was remote.

Assays submitted by the Applicant in connection with his present application, with one exception, substantiate the findings of the DMEA engineers. The one assay suggesting good copper mineralization does not appear to be a representative sample.

We suggested in a letter dated January 13, 1967, that the Applicant sample an area in the mine, which according to him, appeared to be highly mineralized, and submit the assay information for our evaluation. To date, we have not received an answer to this letter.

As the Government will participate only to the extent of 50 percent of the allowable costs of the proposed project, the Applicant must

176649

23263

have sufficient funds to pay for his share of the project costs in the event of a contract. Mr. Hall has indicated he would supply his share by the use of his equipment and services. However, we find that allowances for the use of equipment owned by an applicant and for his personal services are not sufficient to pay his share of the costs. We informed Mr. Hall of this in our letter of February 20, but no response has been received assuring us that he has additional funds available.

Please be assured that Mr. Hall's application is receiving full consideration. However, unless further data supporting the proposed work are received, we have no alternative but to deny the application.

The copy of the Applicant's letter to Congressman Arnold Olsen is being returned to you as requested.

Sincerely yours,

Arthur A. Baker

Acting Director

Enclosure

cc: General Files
Director's Chron.
Division File, B-212
Econ. Geol. File
OME Docket, Room 4459 w/cy inc. correspondence and attachment
OME Reading File
R-I w/cy inc. correspondence and attachment
Peterson, Room 4459

ECPeterson/mm (3/27/67)

MIKE MANSFIELD
MONTANA

United States Senate
Office of the Majority Leader
Washington, D. C.

March 20, 1967

Mr. Frank Johnson
Chief
Office of Minerals Exploration
Geological Survey
Department of the Interior
Washington, D. C.

Dear Mr. Johnson:

Earlier this year I corresponded with your office concerning an application for O. M. E. assistance submitted by Mr. W. A. Hall of Helena, Montana.

I now have the enclosed copy of correspondence addressed to Congressman Olsen from Mr. Hall presenting additional information. Should you wish to make comments on statements made by Mr. Hall, it would be helpful to me in obtaining a complete understanding of the situation. Please return the enclosure with your reply.

Thanking you and with best personal wishes, I am

Sincerely yours,

Enclosure

176649

Mr. W. A. Hall
P. O. Box 295
Helena, Montana 59601

March 4, 1967

Honorable Arnold Olsen
House of Representatives
Washington, D. C.

O. M. E. Exploratory Loan
Butterfly Mine

Dear Representative Olsen:

The purpose of this letter is to give you some additional facts and information in support of my application for a development loan.

There is one requirement of the Department of Interior for such loans, that has me confused. It was my understanding from reading of their pamphlets and literature that this Department was created for the purpose of discovering mineral. All the correspondence I have had with the O.M.E. office has stated that the assays and indications are that there is not sufficient showing of mineral. Of course, if we had a showing of sufficient mineral, no loan would be required.

Since 1958, when I first applied for an O.M.E. loan, the Forest Service and the Bureau of Land Management examined the Butterfly Mine and found that the mountain area was well mineralized. The original development work consists of an eighty-five foot tunnel, twelve feet wide with a showing of some gold, silver, and copper. There are no assays available from the gold workings of the mine, as at that time they were only looking for free gold. A winz one-hundred-twenty feet or thereabout was developed and the ore indicated silver and copper. This also was abandoned as they were looking for free gold. From the last ore that came out of the winz, the assays showed that there was five to fourteen per cent copper. To get to this ore, it is necessary to develope and drive the tunnel to come under the ore body.

I trust this additional explanation will be of some assistance.

Sincerely yours,

W. A. Hall

WAH/ds

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
3/28	Peterson	
3/28/67	Kiobana	
3/28	[illegible]	220
		120 MM

AIRMAIL

MAR 28 1967

Mr. W. A. Hall
P. O. Box 295
Helena, Montana 59601

Re: OME-6576 (Copper and Silver)
W. A. Hall
Butterfly Mine
Lewis and Clark County, Montana

Dear Mr. Hall:

This will acknowledge receipt of Mr. Bolkovatz's letter of March 21, with the three assay report enclosures.

If these assays are of representative samples taken from the Canyon Ferry claim, an application for assistance to explore this property could be considered by OME.

To aid us in evaluating future assay data submitted, please include the sample information also, giving the location of samples taken, how sampled, and sample widths.

Please note that the value of silver for sample No. 14743 shown in the assay report as $4.25 should read 42½¢.

We will be glad to continue the processing of the subject application upon receipt of the sample and assay data mentioned in Mr. Bolkovatz's letter.

Sincerely yours,

FRANK E. JOHNSON

(FEJ)

Frank E. Johnson
Chief, Office of
Minerals Exploration

cc: Director's Reading File
Division File
Econ. Geol. File
OME Reading
OME Docket
Region I w/cy inc. ltr. and enclosures
Peterson

ECPeterson/mm (3/28/67)

23263

A. L. LIBRA
ATTORNEY AT LAW
PARK-EDWARDS BUILDING
MAIL ADDRESS: P. O. BOX 1691
HELENA, MONTANA 59601
TELEPHONE 442-2220
AREA CODE 406

WALTER H. BOLKOVATZ
ASSOCIATE

March 21, 1967

OFFICIAL COPY
O. M. R.
RECEIVED
MAR 24 1967
INITIALS | CODE

Mr. Frank E. Johnson, Chief
Minerals Exploration
Department of the Interior
Washington, D. C. 20025

OME-6576 (Copper and Silver)
W. A. Hall, Butterfly Mine,
Lewis and Clark County, Montana

Dear Mr. Johnson:

I am enclosing an additional assay of the Butterfly Mine, in support of the above application. The samples for this assay and the other assays submitted to you were taken out of the winz of the mine some years ago. Mr. Hall has had these in his possession, correctly marked and identified, since their removal from the mine. These samples were assayed in support of the application as it is impossible, at this time of the year, because of the snow and ice, to take any additional samples.

In view of the fact that the assays have not met with your requirements, we request that the application be held active until such time as further samples can be taken. As soon as the weather, snow and ice conditions, are favorable, samples will be taken from the shafts and winz and also from an outcropping at the top of the hill. If you have any requirements as to identification of samples taken, we would appreciate receiving instructions so that assays submitted will be in compliance with your requirements.

In addition to an assay on the Butterfly Mine, I am also enclosing assays of hand samples from the Canyon Ferry mining claim owned by Mr. Hall. We would like your unofficial opinion as to whether the mineral content of the Canyon Ferry assays would support an application for a loan for exploration.

I am enclosing a photocopy of an article appearing in the California Mining Journal for March, 1967, which might be of interest to you.

We will await your reply.

Sincerely yours,

Walter H. Bolkovatz

WALTER H. BOLKOVATZ

WHB/bg

cc: Mr. W. A. Hall; Hon. Arnold Olsen; Sen. Mike Mansfield

E.H. 8—2M—7-56—2625

NAME OF MINE Canyon Ferry

WHERE LOCATED

R. R. SHIPPING POINT

NAME OF SHIPPER Bill Hall

P. O. ADDRESS Box 295 Helena, Mont.

HAND SAMPLE SERIAL NO. 2605

ASSAY OF HAND SAMPLE

American Smelting & Refining Co.

EAST HELENA PLANT

JAN 26 1967, 19

MARK NO.	GOLD OZS. PER TON	SILVER OZS. PER TON	LEAD PER CENT	COPPER PER CENT WET	INSOLUBLE PER CENT	IRON PER CENT	MANGANESE PER CENT	SULPHUR PER CENT	ZINC PER CENT	ARSENIC PER CENT	ANTIMONY PER CENT	BISMUTH PER CENT	GROSS VALUE PER TON
	0.01	0.6	1.0	9.2	28.6								
	0.01	0.3	1.2	7.7	37.8								

Dear Sir:

The above are the assays of the samples which you submitted to us. In sending hand samples for assays, please in all cases, furnish the name and location of the mine and railroad shipping point. Will you kindly supply this information in the case of these samples if not stated hereon. We will be pleased to quote rates for treatment upon application.

AMERICAN SMELTING AND REFINING COMPANY

EGW Chief Assayer.

Per S. M. Lane Manager.

Ore Treatment Tests

Control and Umpire Assays

PROMPT AND CAREFUL ATTENTION GIVEN TO SAMPLES BY MAIL OR EXPRESS

CALAVERAS ASSAY OFFICE

P. O. Box 645 95222

MARC M. HANNA

Telephone 209-736-2204

BILL HALL-HELENA-MONTANA
P.O.BOX 295

ANGELS CAMP, CALIF. JAN. 9/67

Lab No.	Mark	PER TON OF 2,000 POUNDS				% Other Metals			TOTAL
		Gold		Silver		LEAD	COPPER		Value Per Ton
		Ounces	Value	Ounces	Value				
14741	CANYON FERRY MONTANA	.16	$ 5.60	3.04	$ 3.92		10.00 %		
14742	BUTTER FLY #1 LINCOLN MONT.	.025	$ .875	.01	$ .01	.15 %	.15 %		
14743	BUTTER FLY #2 LINCOLN MONT.	.03	$ 1.05	.33	$ 4.25		.15 %		

Gold at $35.00 Per Oz. Chgs. $10.00

Silver at $ 1.29 Per Oz.

Assayer

E.H. 8—2M—7-56—2625

NAME OF MINE Canyon Ferry

WHERE LOCATED

R. R. SHIPPING POINT

NAME OF SHIPPER Bill Hall

P. O. ADDRESS Box 295 Helena, Mont

HAND SAMPLE SERIAL NO. 8606

ASSAY OF HAND SAMPLE

American Smelting & Refining Co.

EAST HELENA PLANT

FEB 6 1967, 19

MARK NO.	GOLD OZS. PER TON	SILVER OZS. PER TON	LEAD PER CENT	COPPER PER CENT WET	INSOLUBLE PER CENT	IRON PER CENT	MANGANESE PER CENT	SULPHUR PER CENT	ZINC PER CENT	ARSENIC PER CENT	ANTIMONY PER CENT	BISMUTH PER CENT	GROSS VALUE PER TON
	0.02	1.6	0.8	16.55	23.6								

Dear Sir:

The above are the assays of the samples which you submitted to us. In sending hand samples for assays, please in all cases, furnish the name and location of the mine and railroad shipping point. Will you kindly supply this information in the case of these samples if not stated hereon. We will be pleased to quote rates for treatment upon application.

AMERICAN SMELTING AND REFINING COMPANY

L Albright Chief Assayer.

Per S. R. Lane Manager.

HARD FACTS ABOUT SOFT MONEY NO. 100

TALK IS CHEAP

MINING & NATURAL RESOURCES RECORD — DENVER, COLORADO

A NEWSPAPER article of January 15, 1967, stated the United States unqualifiedly had rejected any thought of raising the price of gold. Such action was declared to be "completely unacceptable." In the same article one of the Treasury officials said the price of gold is determined by its relationships to the United States dollar, which was fixed at $35 an ounce in 1934, and will remain there.

We suppose these statements should be included in the so-called "credibility gap." To begin with, the United States Treasury, and even the Congress, has lost control of our gold. The 13½ billion dollars or less in gold which this nation now possesses are mortgaged at least twice and possibly three times over. Many foreign countries have gold claims against this nation and any time they choose to assert these claims, we would have no gold. True, the price of gold was last fixed by the United States in 1934, but in 1944 Harry Dexter White and others in the infamous Bretton Woods monetary agreement made the dollar and the dollar only, interchangeable with gold at $35 an ounce.

Parenthetically, many United States citizens frequently ask, "How come — with all the money these foreign countries owe the United States — they can demand payment in gold from us, while we have no corresponding right to demand gold from them in payment of their debts?" The answer lies, first, in the fact that many of the debts which these foreign nations owe to us are government debts, while the 32 billion dollars plus in short-term liabilities which we owe the foreign countries frequently are not government debts.

They can be almost any liability, such as a personal check, a travelers' check or an obligation of that nature. Once these short-term liabilities are turned in to the central banks of the various foreign countries, those banks can demand payment in gold, but we cannot demand gold from them.

The last issue of the Federal Reserve Bulletin, as reported recently in these columns, gives the total of the United States short-term liabilities to foreigners as over 32 billion dollars, and again we say, any time the holders of those 32 billion dollars in short-term liabilities, or the central banks of the countries in which these holders live, demand payment in gold from this country, they can start a run on our gold which would deplete it in very short order, and leave us without gold.

So the price of gold no longer is to be determined by the United States Treasury, but by the foreign holders of mortgages against that gold, and when they want to take it from us, they can do so and fix the price. If we have no gold, all the talk by Treasury officials will not affect its price or prevent a price increase by those who have the gold.

Treasury figures are as follows:

DATE	GOLD SUPPLY		LOSS
1949	$24,500,000,000	—	
June 6, 1958	21,593,000,000	—	1,107,000,000
March 4, 1959	20,478,483,000	—	1,114,517,000
March 4, 1960	19,420,997,000	—	1,057,486,000
Jan. 9, 1961	17,667,587,000	—	1,753,410,000
Jan. 7, 1962	16,889,041,000	—	778,546,000
Nov. 8, 1962	15,977,647,000	—	911,394,000
Nov. 27, 1963	15,581,905,000	—	395,742,000
Feb. 7, 1964	15,512,626,000	—	69,279,000
Jan. 8, 1965	15,386,923,000	—	75,341,000
June 7, 1965	14,292,333,000	—	1,094,590,000
July 1, 1965	13,934,074,000	—	358,259,000
Dec. 31, 1965	13,733,000,000	—	201,074,000
May 3, 1966	13,632,000,000	—	101,000,000
June 1, 1966	13,534,000,000	—	98,000,000
July 7, 1966	13,433,000,000	—	101,000,000
Aug. 1, 1966	13,331,000,000	—	102,000,000
Sept. 2, 1966	13,257,000,000	—	74,000,000
Oct. 13, 1966	13,255,746,000	—	1,254,000
Nov. 8, 1966	13,256,655,000	—	909,000 (gain)
(France bought no U. S. gold in October; first month missed since early 1965.)			
Dec. 7, 1966	13,159,051,531	—	97,603,469
Jan. 9, 1967	13,158,311,614	—	739,917
Feb. 13, 1967	13,158,151,473	—	160,141

Hearing Scheduled On Gold Mining Revitalization

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
3/1/67	Patras	120
3/1/67	Kirkemo	120
		110
3		220
		120M

AIRMAIL

Mr. Walter H. Bolkovatz
Park-Edwards Building
P. O. Box 1691
Helena, Montana 59601

Re: OME-6576 (Copper and Silver)
W. A. Hall
Butterfly Mine
Lewis and Clark County, Montana

Dear Mr. Bolkovatz:

This will acknowledge receipt of your letter of February 21 to Mr. Arthur A. Baker, requesting an evaluation of the assay report which was enclosed.

The assays suggest that the metal content of the Butterfly mine deposit is extremely low, and its commercial exploitation may not be economically feasible at this time. However, to aid us in fully evaluating the report, we suggest that Mr. Hall submit additional information giving the location of samples taken, how sampled, and sample widths. These data can be furnished at the time you forward the additional assays mentioned in your letter.

Sincerely yours,

FRANK E. JOHNSON

Frank E. Johnson
Chief, Office of
Minerals Exploration

Copy to: Mr. W. A. Hall
P. O. Box 295
Helena, Montana 59601

cc: Director's Reading File
Division File
Economic Geology File
OME File
OME Reading File
OME Region I w/cy incoming letr. and assay report
Mr. Peterson

ECPeterson/gla 3-1-67

23263

A. L. LIBRA
ATTORNEY AT LAW
PARK-EDWARDS BUILDING
MAIL ADDRESS: P. O. BOX 1691
HELENA, MONTANA 59601

WALTER H. BOLKOVATZ
ASSOCIATE

TELEPHONE 442-2220
AREA CODE 406

February 21, 1967

CODE
120 M
110
EP 120 P

United States Department of Interior
Office of Mineral Exploration
Geological Survey
Washington, D. C. 20013

O. M. E.--6576 (Copper and Silver)
W. A. Hall
Butterfly Mine
Lewis and Clark County, Montana

ATTENTION: Arthur A. W. Baker

Dear Mr. Baker:

Enclosed is an assay report on the Butterfly Mine in support of Mr. Hall's application for an O. M. E. exploration loan.

Mr. Hall is to have other assays made as soon as he has an opportunity, depending upon the weather, to obtain additional samples.

We would appreciate having your viewpoint of the enclosed assay. We will await your reply.

Sincerely yours,

Walter H. Bolkovatz
WALTER H. BOLKOVATZ

WHB/bg
cc: W. A. Hall
P. O. Box 295
Helena, Montana 59601

encl.

Ore Treatment Tests

Control and Umpire Assays

PROMPT AND CAREFUL ATTENTION GIVEN TO SAMPLES BY MAIL OR EXPRESS

CALAVERAS ASSAY OFFICE

P. O. Box 645

MARC M. HANNA

Telephone 209-736-2204

BILL HALL-HELENA-MONTANA
P.O.BOX 295

ANGELS CAMP, CALIF. JAN. 9/67

Lab No.	Mark	PER TON OF 2,000 POUNDS				% Other Metals			TOTAL
		Gold		Silver		LEAD	COPPER		Value Per Ton
		Ounces	Value	Ounces	Value				
~~14741~~	~~CANYON-FERRY -MONTANA~~	~~.16~~	~~$ 5.60~~	~~3.04~~	~~$ 3.92~~		~~10.00~~ %		
14742	BUTTER FLY #1 LINCOLN MONT.	.025	$ .875	.01	$ .01	.15 %	.15 %		
14743	BUTTER FLY #2 LINCOLN MONT.	.03	$ 1.05	.33	$ 4.25 .425		.15 %		

Gold at $35.00 Per Oz. Chgs. $10.00

Silver at $ 1.29 Per Oz.

Assayer

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
2/17	on leave	110
	Peterson	120-P
	Rm Smith	120-S
2/20	Cae	120 ~~Mr~~
		120 M
		220

FEB 20 1967

Mr. W. A. Hall
1839 Stuart Street
Helena, Montana

Re: OME-6576 (Copper and Silver)
W. A. Hall
Butterfly Mine
Lewis and Clark County, Montana

Dear Mr. Hall:

At the request of Representative Arnold Olsen, we have again reviewed your application for financial assistance to explore the Butterfly Mine for copper and silver.

Based upon the information available to us we do not know of any Federal program under which you might qualify for assistance to develop your property. As we informed you in our letter of January 13, 1967, if you can furnish the assay results of representative samples taken from the area where you stated the easterly-striking veins appear to be highly mineralized, we shall be glad to give further consideration to your application. In this respect we wish to point out, however, that if a contract is granted an applicant must have sufficient funds to pay for his share of the costs of an exploration project. We have found that charges allowed for use of equipment owned by an applicant and for his personal services are not sufficient to pay for his share of the costs. Also, he must have sufficient funds to pay all of the exploration costs for the first two or three months since reimbursement of the Government's share is made only at the end of each month and it takes two or three weeks to process such vouchers.

The submission of additional information should not be construed that a contract will be granted.

Sincerely yours,

FRANK E. JOHNSON

Frank E. Johnson
Chief, Office of
Minerals Exploration

Copy to: Hon. Arnold Olsen
House of Representatives
Washington, D. C. 20515

cc: Director's reading file
Division file
Economic Geology
OME Region I
OME file
OME reading file
FEJohnson/bih 2/17/67

23263

Congress of the United States
House of Representatives
Washington, D. C.

February 14, 1967

OFFICIAL COPY
O. M. E.
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FEB 16 1967
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Mr. Frank E. Johnson, Chief
Office of Minerals Exploration
DEPARTMENT OF THE INTERIOR
Washington 25, D.C.

6596

Dear Mr. Johnson:

I am in receipt of a letter dated January 13 that you have addressed to Mr. W. H. Hall of 1839 Stuart Street, Helena, Montana.

Mr. Hall has requested assistance through a loan from the Office of Minerals Exploration to further develop his copper and silver mine. He has depleted all his resources in developing his property. He has tried, but has been unable to, acquire private loans for further expansion of his mine. Now he is asking your office to assist him with a loan.

I would appreciate it very much if you would once again review Mr. Hall's request and advise him of any Federal assistance that he might qualify under which would allow him to develop his properties further.

Your kind attention to this request is sincerely appreciated.

With kindest personal regards, I am

Very truly yours,

Arnold Olsen

ARNOLD OLSEN

AO/bmc

MME Form 7
(2/63)

OME Docket
OFFICIAL FILE COPY

Date	Surname	Code
2/6	Patterson	
2/6/67	Kirkpatrick	
"	Johnson	
2/8	Lindgaard	
2/9	Leyh	

FEB 10 1967

Hon. Mike Mansfield
United States Senate
Washington, D. C. 20510

Dear Senator Mansfield:

This will acknowledge your request of January 20, 1967, to Mr. Frank E. Johnson, Chief, Office of Minerals Exploration, for information on the present status of the application for OME assistance submitted by Mr. W. A. Hall of Helena, Montana.

Mr. Hall's application, received early in October 1966, is essentially the same as the one he made in 1958 to the Defense Minerals Exploration Administration (DMEA). At that time a field examination of the Applicant's property was made by DMEA engineers, who concluded that because of weak mineralization at the property the chance of making a significant ore discovery was remote. The application was subsequently denied.

The application received by OME was incomplete and presented no new or additional supporting information to warrant another field examination or to justify the proposed work. No reports on past production records were included or mentioned in the application.

On October 18, the Applicant was requested to furnish information to complete the application form requirements and forward any assay information that might lend support to his proposal.

On November 9, 1966, an OME Field Officer while in the Helena area visited with the Applicant and discussed his project with him. As a result, Mr. Hall on December 27 submitted some of the information requested. However, the assay reports indicated very weak mineralization and added no support to his request.

To assist Mr. Hall in his efforts, we suggested in a letter dated January 13, 1967, that he sample an area in the mine, which according to the Applicant, appeared to be highly mineralized. We also advised him that if the assay information obtained from this or any other work was favorable we would gladly continue to give further consideration to his application. To date, we have had no response to this letter.

23263

Please be assured that further action on the application will be taken promptly upon receipt of the requested data.

The letter from the Applicant's attorney is being returned to you as requested.

Sincerely yours,

Arthur A. Baker

Acting Director

Enclosure

cc: General Files
Director's Chron.
Division, B-212 Econ. Genl.
OGC Docket w/cy inc. cor.
OGC Reading File
Region I w/cy inc. cor.
Peterson

ECPeterson/mm (2/6/67)

January [illegible] 1967

Mr. Frank Johnson
Chief
Office of [illegible]
Geological Survey
Department of the Interior
Washington [illegible]

Dear Mr. [illegible]

Enclosed is a letter I have received from Walter H. Bolkovatz in which he discusses an application filed by Mr. W. A. Hall, Loan No. 6576

In view of Mr. Bolkovatz' inquiry, I would appreciate your providing me with an up-to-date report on the status of this application.

Thank you for your cooperation, and with best personal wishes, I am

Sincerely yours

Enclosure

P.S. Please return the attachment for my files.

A. L. LIBRA
ATTORNEY AT LAW
PARK-EDWARDS BUILDING
MAIL ADDRESS: P. O. BOX 1691
HELENA, MONTANA 59601

WALTER H. BOLKOVATZ
ASSOCIATE

TELEPHONE 442-2220
AREA CODE 406

January [illegible] 1967

Honorable Mike Mansfield
Senate Office Building
Washington, D. C. 20013

W. A. Hall, Mineral Exploration
Lode Mining Claim
Butterfly Mine, Lewis and Clark
County, Montana

Dear Senator Mansfield:

A client of ours, Mr. W. A. Hall, has made an application with the office of Mineral Exploration, Geological Survey, for a loan for developing a silver and copper mine of his, near the vicinity of Helena.

The [illegible] additional information such as [illegible] location of samples [illegible] to the proposed claim to be work[illegible] information of this work would require the employment of a [illegible] engineer, [illegible] would cost a [illegible] in the vicinity of $500.00. Mr. [illegible] such an expenditure and so informed the office of Mineral Exploration. They then tested some assays and other available information which Mr. Hall sent to them. Since this time, no further word has been received concerning the application for loan.

Mr. Hall's former reports and past production records show that the mine with proper development could be developed into a substantial producer of silver and copper.

We would greatly appreciate any assistance your office could give to hasten the processing of his application on the basis of such information as he can at most furnish.

An engineer of the Mineral Exploration [illegible] time to Helena and conferred with Mr. Hall, but [illegible] authorized to go to the mine [illegible] work. We feel that such [illegible] would be to the benefit of both parties.

We [illegible] an inspection and fair appraisal of the potential of the mine.

Sincerely yours,

S/ Walter H. Bolkovatz

WHB/[illegible]

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
1/13/67	Peters	120
1/13/67	Kirkham	120
		110
1/13	Cal	220
		120M

AIRMAIL

Mr. W. A. Hall
1839 Stuart Street
Helena, Montana

Re: OME-6576 (Copper and Silver)
W. A. Hall
Butterfly Mine
Lewis and Clark County, Montana

Dear Mr. Hall:

We acknowledge receipt of your letter dated December 27, 1966, in which you forwarded the assay report and sketch. Unfortunately, these assays indicate extremely weak mineralization in the new adit and add no support to your proposal.

Mr. MacLaren, OME Field Officer, in Spokane, Washington, during his recent visit, informed you that before we could continue processing your application it first must be established that copper and silver may occur in quantities sufficient to qualify your property for assistance under OME regulations. Mr. MacLaren also explained that the data submitted thus far do not establish this. Perhaps this can be resolved by sampling and assaying material from the veins occurring in the area east of the winze on the lower adit. You have reported that these easterly-striking veins appear to be highly mineralized.

If the assay information obtained from this or other work is favorable, we will be glad to give further consideration to your application.

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

ECPeterson/gla 1-13-67

23263

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
GEOLOGICAL SURVEY
So. 157 Howard Street
Spokane, Washington 99204
November 17, 1966

OFFICIAL COPY
O. M. E.
RECEIVED
NOV 21 1966
INITIALS | CODE
120 m
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120P

Memorandum

To: Chief, Office of Minerals Exploration

From: Field Officer, Region I

Subject: OME-6576 (Copper-Silver)
W. A. Hall
Butterfly Mine
Lewis and Clark County, Montana

The afternoon of November 9, 1966, I met with Mr. Hall in Helena. We discussed the required additional information requested in the third paragraph of your letter of October 10 to Hall, and he gave in more detail just what he proposes to do and why. To aid in the discussion I had with me a print of figure 2 of Bill Prinz's examination report of September 19, 1958 (DMEA-5001). As all reference to the origin of the sketch was removed, I left it with Hall to help him prepare his map.

After he was told that he could make a sketch showing the relations of the claims one to another, the approximate locations within the claims of existing portals, vein traces, sample locations, and assays he was much happier and agreed to furnish this data as soon as he could get two samples from the drift he is driving.

His reasoning and plan of work were outlined to Ed Peterson during a telephone conversation November 17, 1966.

D R MacLaren

D. R. MacLaren

OME

OFFICIAL COPY
NOV 18 1966

GEOLOGICAL SURVEY
So. 157 Howard Street
Spokane, Washington 99204
November 3, 1966

Mr. W. A. Hall
1839 Stuart Street
Helena, Montana 59601

Re: OME-6576 (Silver-Copper)
W. A. Hall
Butterfly Mine
Lewis and Clark County, Montana

Dear Mr. Hall:

I expect to arrive in Helena during the afternoon of Wednesday, November 9, 1966. Upon my arrival I will endeavor to get in touch with you to arrange a meeting to discuss the information requested in Mr. Johnson's letter to you dated October 10, 1966.

The purpose of this meeting is to find out what data not included with your application you may have. It will not be possible for me to visit the property at that time.

Sincerely yours,

D. R. MacLaren
Field Officer, OME
Region I

DRMacLaren/mls

cc: OME

Director's Reading File

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
10/3	Peterson	120
10/31	Kirkham	120
		110
10/31	CAL	220
		120M

AIRMAIL

OCT 3 1 1966

Mr. W. A. Hall
1839 Stuart Street
Helena, Montana

Re: OME-6576 (Copper and Silver)
W. A. Hall
Butterfly Mine
Lewis and Clark County, Montana

Dear Mr. Hall:

This will acknowledge receipt of Mr. Bolkovatz's letter of October 25, with the two assay report enclosures.

Mr. D. R. MacLaren, OME Field Officer, Region I, Spokane, Washington, expects to be in the vicinity of Helena, possibly within two weeks, and will make arrangements at that time to meet with you to discuss your application for OME financial assistance to explore the Butterfly Mine.

We shall hold the further processing of your application in abeyance pending further word from Mr. MacLaren concerning his discussion with you.

Sincerely yours,

FRANK E. JOHNSON

Frank E. Johnson
Chief, Office of
Minerals Exploration

Copy to: Walter H. Bolkovatz
P. O. Box 1691
Helena, Montana 59601

cc: Director's Reading File
Division File
Economic Geology File
OME File
OME Region I w/cys Mr. Bolkovatz's letr. and 2 assays
OME Reading File
Mr. Peterson

EPeterson/gla 10-28-66

23263

A. L. LIBRA
ATTORNEY AT LAW
PARK-EDWARDS BUILDING
MAIL ADDRESS: P. O. BOX 1691
HELENA, MONTANA 59601

WALTER H. BOLKOVATZ
ASSOCIATE

TELEPHONE 442-2220
AREA CODE 406

October 25, 1966

OFFICIAL
COPY
O. M. E.
RECEIVED
OCT 28 1966
INITIALS | CODE
gla | 120
EP | 120-P

U. S. Geological Survey
Office of Mineral Exploration
Washington, D. C. 20242

O.M.E. - 6576 (Silver and Copper)
W. A. Hall - Butterfly Mine
Lewis and Clark County, Montana

ATTENTION: Frank E. Johnson

Dear Mr. Johnson:

Mr. W. A. Hall has referred your letter of October 10, 1966, pertaining to his application for an exploration loan, to me for reply.

Since Mr. Hall's application in 1958 for mineral exploratory assistance of the same property, he has done extensive development work in driving a tunnel to come under the old previous shaft. O.M.E. assistance would be used to continue the tunnel.

Enclosed are two assays of samples which are of recent date and were taken from the old workings at the top of the hill.

The information requested in your letter including maps and sketches and geologic features of deposits and a survey would necessitate the expenditure of $500.00 or more. Mr. Hall does not have the funds to expend to compile such a record and requests information or instructions for a substitute record which could be provided by him within his limited means.

We will await your reply.

Sincerely yours,

Walter H. Bolkovatz

Walter H. Bolkovatz

WHB/ds

Encls.

GOODALL BROTHERS

ESTABLISHED 1909

ASSAYERS

HORACE HAND, OWNER MANAGER
RES. PHONE 406/442-0696

PHONE 406/442-3770
46 SOUTH MAIN ST.
P. O. BOX 537
HELENA, MONTANA 59601

Helena, Montana, JUN 1 5 1966

ASSAYED FOR

Bill Hall

HAND SAMPLE

DESCRIPTION	GOLD Ozs. PER TON	SILVER Ozs. PER TON	WET LEAD PER CENT	COPPER PER CENT	ZINC PER CENT	IISOL. PR CENT	PER CENT	PER CENT	
3858	Trace	0.4		24.7					

*Gold not deducted

Charges $ 6.00 Paid

GOODALL BROS.

By Horace Hand

GOODALL BROTHERS

ESTABLISHED 1909

ASSAYERS

HORACE HAND, OWNER MANAGER
RES. PHONE 406/442-0696

PHONE 406/442-3770
46 SOUTH MAIN ST.
P. O. BOX 537
HELENA, MONTANA 59601

Helena, Montana, OCT 18 1966

ASSAYED FOR

HAND SAMPLE

Bill Hall

DESCRIPTION	GOLD Ozs. PER TON	SILVER Ozs. PER TON	WET LEAD PER CENT	COPPER PER CENT	ZINC PER CENT	INSOL. PER CENT	PER CENT	PER CENT	
Butterfly Mine Winze	0.06	3.8		5.9					

*Gold not deducted

Charges $6.00 Paid

GOODALL BROS.

By Horace Hand

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
10/10	Peterson	120
10/10/66	Kiberno	120
		110
10/10	cal	220
		120M

AIRMAIL

OCT 10 1966

Mr. W. A. Hall
1839 Stuart Street
Helena, Montana

Re: OME-6576 (Silver and Copper)
W. A. Hall
Butterfly Mine
Lewis and Clark County, Montana

Dear Mr. Hall:

We have reviewed your application for OME financial assistance to explore the Butterfly Mine for silver and copper.

The subject application is essentially the same as the one you submitted in 1958 to the Defense Minerals Exploration Administration (Docket DMEA-5001), which was the predecessor organization of the present Office of Minerals Exploration (OME). Your application was denied at that time, and you have not presented new or additional supporting information to justify the present proposed work.

Perhaps you have or can obtain the additional information as a result of the underground work that has been performed on the property since 1958. The submitted material should include maps or sketches showing the geologic features of the deposit and location of any samples taken, how sampled, sampled widths, and copies of the assay certificates. A claim map showing all of the claims and their relation to present and proposed workings should also be furnished.

We will be glad to consider your application further if the new data submitted meets the criteria necessary to qualify the property for OME assistance. Any material furnished will be given prompt and careful consideration.

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

EPeterson/gla 10/10/66

23263

October 4, 1966

Mr. W. A. Hall
1839 Stuart Street
Helena, Montana

Subject: OME-6576

Dear Mr. Hall:

Your application for exploration assistance, dated September 22, 1966, submitted to our office at Spokane, Washington, has been assigned Docket No. OME-6576.

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