DMEA Form 9
Rev. 6/57

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE Idm-E NO._____ DMEA NO. 5001

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- [ ] Withdrawn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 Semi-Annual 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)
- [ ] Settlement Sheets
- [ ] Drill Logs

Additional Folders:

Left Side

Folders No._____: Reports

- [ ] Analysis of Semi-Annual Inspection Reports
- [ ] Project Summary (Interim) by DMEA Engineers

Right Side

- [ ] Field Team Semi-Annual 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

17963

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
So. 157 Howard Street
Spokane 4, Washington

May 1, 1958

RECEIVED MAY 5 1958

DATE	INITIALS	CODE

Mr. George C. Selfridge, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: New Application (Copper)
William Albert Hall
Butterfly Mine
Lewis & Clark County, Montana

Dear Mr. Selfridge:

Enclosed are the original and two copies of an application for DMEA aid to explore for copper in Lewis and Clark County, Montana. Only one copy of the Quit Claim Deed dated February 13, 1958 between E. H. Evans and W. A. Hall was received. Thermofax copies were made for our files.

The applicant proposes to explore by driving 350 feet of drift and 200 feet of crosscut and constructing one-quarter miles of access road at an estimated cost of $25,000, of which the Government's share would be $12,500.

An examination will be scheduled as soon as possible.

Sincerely yours,

A. E. Weissenborn

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region I

Enclosures

cc: USBM (2)
Prinz

Form MF-103
Revised Oct. 1957

UNITED STATES
DEPARTMENT OF THE INTERIOR

Budget Bureau No. 42-R1035.3
Approval expires June 30, 1958

DEFENSE MINERALS EXPLORATION ADMINISTRATION

APPLICATION FOR AID IN AN EXPLORATION PROJECT

PURSUANT TO DMEA ORDER I, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

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

William Albert Hall
1839 Stuart
Box 295
Helena, Montana

RECEIVED
MAY 10 1958
RECEIVED
MAY 5 1958
D.M.E.A.

APPLICANT NOT TO USE THIS BLOCK

Docket Number	DMEA-5001
Date Received	5-5-58
Government Participation %	
Region	I
Division Code	500

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: Copper

Estimated Cost of Project: $ $25,000.00

LOCATION OF PROPERTY

Name	County	State
Butterfly Mine-Lewis & Clark -Montana		
Poorman Mining District		

GENERAL INSTRUCTIONS

Before filling out this application, please read DMEA Order-I, Revised, "Government Aid in Defense Exploration Projects." 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 four 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 1, existing mine workings and geology in item 2, and the proposed exploration project in item 4. 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 2(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 Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest DMEA 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.

April 21, 1958
Dated

W. A. Hall
BY *(Signature)*

Owner
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. *Applicant's Property Rights:*

(a) 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 land adjacent to the proposed project area which you own or control. Describe any part of the project land or workings which should not be subject to Government lien for royalty payments. If the land consists of unpatented claims, state the book and page number for each recorded location notice, including amended locations, and the place where recorded (courthouse, recorder's office, county, and state).

(b) State all the names by which you know the property.

(c) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise. If you are not the owner, submit with this application one exact copy of the lease, contract, or other document (with address of owner) under which you control the property.

(d) Describe all liens, mortgages, or other encumbrances on the property.

2. *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 lands, including existing mine workings. Describe all production facilities.

(b) State your interest, if any, in operations stated in 2*(a)*.

(c) State, as far as 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 on the property giving quantities and grades and sampling methods used, supporting 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 may have, indicating on each whether you require its return to you.

3. *Accessibility of Project:*

(a) To aid DMEA representatives who may be required to examine the property, state the name and address of the person who will meet the DMEA representative; give directions for reaching the property; and describe accessibility of the property including the mine workings.

(b) Name the shipping and supply points and places where employees reside and state the distances between them and the property.

4. *The Exploration Project:*

(a) Describe fully the proposed exploration project giving individual footages and sizes of openings *for each item of work.* Use narrative, maps, plans, and longitudinal and cross sections as necessary. Show the 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 *property boundaries* or to the closest identifiable corner.

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

(c) In the event that an exploration contract with DMEA is executed, how soon will the work start and how many months will be required to complete it? State your anticipated average daily or monthly rate of progress for each type of work.

5. *Experience:*

State your operating experience and background with relation to your ability to carry out this exploration project, and also that of the person or persons who will supervise the operations.

6. *Estimate of Costs:*

Furnish detailed estimates of the costs *for each item of the work proposed in 4(a)* under the headings listed below with a total for each heading and the estimated total cost of the project. Costs for any work to be performed by an independent contractor should be shown separately under category *(a)* below. Costs for any work that is not to be performed by an independent contractor should be given in detail under categories *(b)* through *(g)*.

(a) Independent contracts. State the cost of any proposed independent contract for the performance of all or any part of the work, expressed in units of work, such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, 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. For necessary supervision, engineering and geological services, and labor, include an itemized schedule of numbers, classes, rates of wages, salaries or fees, and periods of employment. State whether these technicians and employees are available.

(c) Operating materials and supplies. List items of material and supplies with their cost. 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 operating equipment to be used giving specifications and indicating how each item is to be acquired – i.e., rented, purchased, or provided by the applicant. If it is rented or purchased, state the estimated rental or purchase price. If it is to be furnished by the applicant, give its present fair market value.

(e) Initial rehabilitation and repairs. Describe the type and the cost of necessary *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 on the exploration project.

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

(g) Miscellaneous. For the operating equipment listed in 6*(d)*, describe the type and estimate the cost of repairs and maintenance expected during project operations. Do not repeat initial repairs listed in 6*(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 – No items of general overhead, corporate management, interest, taxes (other than payroll and sales taxes), or any other indirect costs, or work performed or costs incurred before the date of the contract, should be included in the estimate of costs.

7. *(a)* State whether you are prepared to furnish your share of the cost of the proposed project in accordance with the regulations on Government participation stated in Sec. 7 of DMEA Order–I, Revised.

(b) Explain to what extent you propose to furnish your share of the costs by providing money, by use of equipment owned by you, or otherwise.

* * * * *

INT.-DUP. SEC., WASH., D.C. 25960

OFFICIAL FILE COPY
DMFA
RECEIVED MAY 5 1980
DATE | INITIALS

1. (a) Butterfly Book 21, Page 55
Floter Book 26, Page 217
Tip Top Book 26, Page 160

All in Sec. 14, Township 13, Range 8 W. Puerman Mining District, Lewis & Clark County.

(b) Butterfly, Floter and Tip Top

(c) Owner, W. A. Hall, 1839 Stuart Street, Helena, Montana
Box 295

(d) None

2. (a) There are two crosscut tunnels, one wing in lower tunnel. Veins outcrop on surface, and cut two viens with dozer 400 feet below the old working.

(b) I helped do some of the work in upper tunnel, but never was down in the wing.

(c) There are no production records. This work was done years ago. There was an old raster on the creek for gold, but the story is that the values went to copper.

(d) I am sure there can be a large tonnage developed.

(e) Copper, lead, silver, a little gold.

(f) I was in this mine 20 years ago and saw the two veins of ore, one copper and gold and one copper, silver, and some gold.

(g) I have no engineering reports on this property and no assay map. Most of the work was done before there was a smelter at East Helena.

3. (a) W. A. Hall, 1839 Stuart Street, Phone HI2-6951
40 miles N.W. of Helena, crosscut tunnel, out-cropping and where cut two veins with dozer and started new tunnel.

(b) Shipping point: Silver. Men would stay at mine or in Lincoln - 7 miles.

4. (a) I would like to drive 350 tunnel on the vein 5 x 7 crosscut, 100 feet each way.

(b) 1/4 mile of road to build.

William Albert Hall
1839 Stuart
Helena, Montana

(c) Could start at once. Would take about six months; about 20 weeks for tunnel work and about 10 weeks for crosscut.

5. I have been mining for thirty years, and will hire two experienced miners to help me.

6.

Labor per foot	$ 13.50
Powder	4.00
Cap	.15
Fuses	.75
Pipe	.50
Rails	1.00
Ties	.50
Spikes	.50
Bits	3.00
Gas for compression engine	2.00
Oil " " "	.30
Oil for Engine	.30
Drill oil	.30
Gas to run mucking machine	1.50
Wear on Jack Hammer and steel	1.00
	$ 29.35
Timber	1.50
compressor	$ 30.85
mucker	2.00
	1.00
	33.85

(a) There will be no independent contracts, as I will do the work myself.

(b) Mr. Robert Nelson, 512 Clark, Helena, Montana $100.00 one day per month.

(c)

Hammer - 1	2.00	Drill Bits - 3	16.50 each
Hammer - 1	2.50	Drill steel - 6	12.00 each
Mine axe-1	6.50	Water tank - 1	25.00
Mine saw-1	7.00	Mine car	
Pipe wrench - 2	11.00 each		
Timber axe - 1	5.00		
Timber saw	7.50		

(d) Compressor and mucking machine will be purchased or rented.

(e) Log cabin. Will take about $250.00 to repair it.

(f) Compressor house, $350.00; Tool house $150.00 to be built.

William Albert Hall
1839 Stuart
Helena, Montana

(g) Bookkeeping - $30.00 per month, or $1.25 per day

Workmen's Compensation - $6.21 per day

Unemployment tax -$1.46

S. S. tax - $12.16

7. (a) Yes

(b) Equipment and cash

William Albert Hall
1839 Stuart
Helena, Montana

THIS INDENTURE, Made the 13th *day of* February *in the year of our Lord one thousand nine hundred and* Fifty-Eight *between*
E. H. Evans, 11 Stuart Homes, Helena, Montana

the party of the first part
and W. A. Hall, Box 295, Helena, Montana

the party of the SECOND PART,
WITNESSETH: That the said party of the FIRST PART for and in consideration of the sum of One and No/100- - - - - - - - - *Dollars,* ($ 1:00)
to him *in hand paid by the said party of the SECOND PART, receipt of which is hereby acknowledged; does hereby convey, remise, release and forever quitclaim unto the said party of the second part, and to* his *heirs, and assigns, all right, title and interest in and to the following described real estate, situated in the County of* Lewis & Clark
and state of Montana, to-wit:

Tiptop Quartz Claim located in Sec 14, Township 13 North Range 8 West.,
Butterfly Quartz Claim located in Sec. 14 Township 13 North Range 8 West.,
Floter Quartz Claim located in Sec. 14 Township 13 North Range 8 West.,

together with all the tenements, hereditaments, and appurtenances thereto belonging, and the reversion and reversions, remainder and remainders, rents, issues and profits thereof; and also all the estate, right, title, interest property, possession, claim and demand whatsoever as well in law as in equity, of the said party of the first part, of, in or to the said premises and every part and parcel thereof

TO HAVE AND TO HOLD, all and singular the said premises, with the appurtenances

unto the said party of the second part heirs and assigns forever.

IN WITNESS WHEREOF, the said party of the first part has hereunto set his *hand and seal the day and year first above written.*

Signed, Sealed and Delivered in the Presence of

x E. H. Evans (SEAL)

(SEAL)

BOOK 201 PAGE 52

STATE OF MONTANA,
County of Lewis & Clark } ss.

On this 13th day of February nineteen hundred and fifty eight before me William J. Manning a Notary Public for the State of Montana, personally appeared E. H. Evans

known to me

(or proved to me on oath of)

to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal the day and year in this certificate first above written.

William J. Manning
Notary Public for the State of Montana.
NOTARY PUBLIC for the State of Montana,
Residing at Helena, Montana.
My commission expires August 29th, 1958

Residing at My Commission expires 19

Indexed
Recorded
Compared

8854

QUIT CLAIM DEED

E. H. Evans

TO

W. A. Hall

STATE OF MONTANA,
County of Lewis & Clark } ss.

Filed for Record this 13th day of Feb A. D. 19 58 at 11:30 o'clock A. M., and Recorded in Book 201 of Deeds Page 51 of the Records of Lewis & Clark County.

State of Montana
County Recorder.
By Lorraine C. Pierce
Deputy.

Fees $ 2.00

W. A. Hall
Book 295
Helena, Mont.

Butterfly. 40 lis of ar	7 lenter	9 ib 7 ib

// crosscut

// lower crosscut

// a inny 120 feet

Propose tunnel 350 ft

Crosscut 100 ft

Crosscut 100 ft.

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D R E
RECEIVE 5
DAT

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
So. 157 Howard Street
Spokane 4, Washington
October 10, 1958

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O. M. E.
RECEIVED OCT 13 1958

DATE	INITIALS	CODE
10/13	C	220
10/17	WB	130
10/20	KC	220
10/21	[illegible]	500

Mr. George C. Selfridge, Chairman
Operating Committee, OME
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-5001 (Copper)
William Albert Hall
Butterfly Mine
Lewis and Clark County, Montana

Dear Mr. Selfridge:

Enclosed are three copies of a memorandum examination report on this application by William C. Prinz, Geologist, U. S. Geological Survey.

Argillite and limestone of the Precambrian Belt series are cut by two dominant sets of limonitic quartzose veins, respectively, trending easterly and northerly. The easterly trending veins contain a small amount of secondary copper and are cut off by the northerly trending veins which are barren. The property has been explored by a small pit and two adits, the most extensive of which consists of some 300 feet of accessible crosscutting and drifting. An indeterminate amount of winzing and additional crosscutting and drifting beyond the winze has been done, but these workings are now inaccessible.

Prinz concludes that the chance of making a significant discovery is poor and recommends that the application be denied.

We concur with this conclusion and recommendation.

By Field Team, Region I

A. E. Weissenborn

A. E. Weissenborn, Executive Officer
U. S. Geological Survey

Wing G. Agnew

Wing G. Agnew, Member
U. S. Bureau of Mines

Enclosures
cc: USBM(2)
USGS(SRO)
Prinz

Reviewed by
OME OPERATING COMMITTEE
10-17-58
(date)

DMEA

UNITED STATES
DEPARTMENT OF THE INTERIOR
Office of Minerals Exploration
No. 137 Sprague Street
Spokane 4, Washington
September 19, 1958

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DATE	INITIALS	CODE
10/17	HB	130
		220

MEMORANDUM

To: OME Field Team, Region I

From: William C. Prinz, Geologist, U. S. Geological Survey

Subject: Application examination report, Docket No. DMEA-5001 (Copper), William Albert Ball, Butterfly Mine, Lewis and Clark County, Montana.

ON-SITE REPORT

INTRODUCTION

An application for DMEA assistance to explore the Butterfly mine, Pearman Creek (unorganized) Mining District, Lewis and Clark County, Montana, for copper was received on May 1, 1958, from William A. Ball, Helena, Montana. The applicant proposes to explore the property by 350 feet of drifting and 200 feet of crosscutting preceded by building a quarter of a mile of access road. He estimates that the program would cost $25,000; Government participation at 50 percent would be $12,500.

I examined the property on May 28, 1958, accompanied by John A. Bowsher, Mining Engineer, U. S. Bureau of Mines, and William A. Ball, the applicant.

SUMMARY AND RECOMMENDATIONS

The Butterfly mine is underlain by Precambrian Belt argillite and limestone which are cut by limonitic and quartzose veins. Easterly trending veins contain a small amount of secondary copper minerals and are cut off by northerly trending veins that are essentially barren. Because mineralization at the property is weak, it is concluded that the chances of making a significant discovery are poor.

Therefore, it is recommended that this application be denied. This recommendation has been accepted and approved by the Operating Committee and the applicant was so informed by letter on August 22, 1958.

Reviewed by
OME OPERATING COMMITTEE
10-17-58
(date)

LOCATION AND ACCESSIBILITY

The Butterfly mine is in the Poorman Creek (unorganized) Mining District, sec. 14, T. 13 N., R. 6 W., Lewis and Clark County, Montana. The main road from Helena to Lincoln, Montana, passes within a quarter of a mile of the property which is 45 miles northwest of Helena and 8½ miles southeast of Lincoln. This is an all weather road thereby providing easy access to the property throughout the year.

The property is on the moderately steep slopes on the north side of Poorman Creek, at an altitude of about 6,000 feet. It is 7 miles west of the Continental Divide at Stemple Pass.

APPLICANT

William Albert Ball, 1829 Stuart, Helena, Montana, has submitted the subject application as an individual. He claims to have had 30 years mining experience and proposes to furnish his share of the cost by providing equipment and money. He appears to be capable of carrying out his part in the proposed program. Mr. Ball has also had experience in logging at which he has had considerable success.

PROPERTY

Ownership

The property considered in this application consists of three unpatented quartz lode claims. According to the applicant, they are recorded in the Lewis and Clark County Courthouse, Helena, Montana, as follows:

Claim	Book	Page
Butterfly	21	55
Floter	26	217
Tip Top	26	160

Mr. Ball owns these claims by virtue of a Quitclaim Deed dated February 13, 1938.

Development

The property has been explored by two adits and by a small pit (figs. 2 & 3). The most extensive adit, the Lower Adit, consists of about 300 feet of accessible crosscutting and drifting, an indeterminate amount of winzing, and additional crosscutting and drifting

beyond the face of the stope. Ore could be mined in open but inaccessible because it is impossible to cross the winze. The Upper Adit is 37 feet above the Lower Adit but is about 23 feet from the portal. The pit is 24 feet above the Upper Adit and is about 10 feet deep. Some trenching has been done in the vicinity of the applicant's proposed portal site, but the walls of these trenches are all sloughed.

There are no usable buildings, surface facilities, or mining equipment at the property.

GEOLOGY

The Butterfly mine is in an area underlain by metamorphosed sediments of the Precambrian Belt series and is near several Cretaceous or early Tertiary stocks of quartz monzonite or diorite. The Belt rocks at the mine include gray to greenish-gray, fine-grained, argillite and limestone.

The metasediments are cut by veins consisting of limonite-stained gouge, white to yellow brown quartz, and some calcite. Secondary minerals of manganese and copper commonly stain both the vein material and wall rock. The veins generally are less than 1 foot in width but locally may be as wide as 3 feet. The veins strike either north-south or east-west and are nearly vertical. The northerly striking veins are barren and cut off the easterly striking ones.

Assays of five samples collected during the examination are posted on figures 2 and 3 and are tabulated below.

Sample No.	Width (inches)	Oz. Au/ton	Oz. Ag/ton	% Fe	% Cu
858	15	Tr	0.8	0.41	0.16
859	18	Tr	Tr	0.0	0.03
860	5	Tr	0.1	0.0	Tr
861	6	0.03	0.3	0.0	0.12
862	4	0.36	1.1	0.11	1.20

Sample 858 was cut from an easterly striking vein in the shallow surface pit and Sample 859 was cut across a northerly striking vein in the Lower Adit. The remainder of the samples were cut across the strongest easterly striking vein in the Lower Adit. The assays confirm the field observation that mineralization along the veins is extremely weak.

The applicant reported that stronger and more heavily mineralized easterly striking veins are found in the inaccessible portion of the Lower Adit, but this information cannot be verified. Some samples showing good copper mineralization are found on the dump of this adit, but the extent of this material is very small.

Available evidence indicates that the grade of the veins is low and that the chances of making a significant discovery are poor.

APPLICANT'S PROPOSAL

The applicant proposes to explore the property by drifting 350 feet easterly along a vein that he claims to have found at his proposed portal site 335 feet west-northwest of the portal of the Lower Adit (fig. 2). The DMEA examiners could find no evidence of a vein at this place. The applicant further proposes 200 feet of crosscutting from his proposed drift to intersect other parallel veins. This underground work would be preceded by building a quarter of a mile of access road. The applicant estimates that this program would cost $23,000.

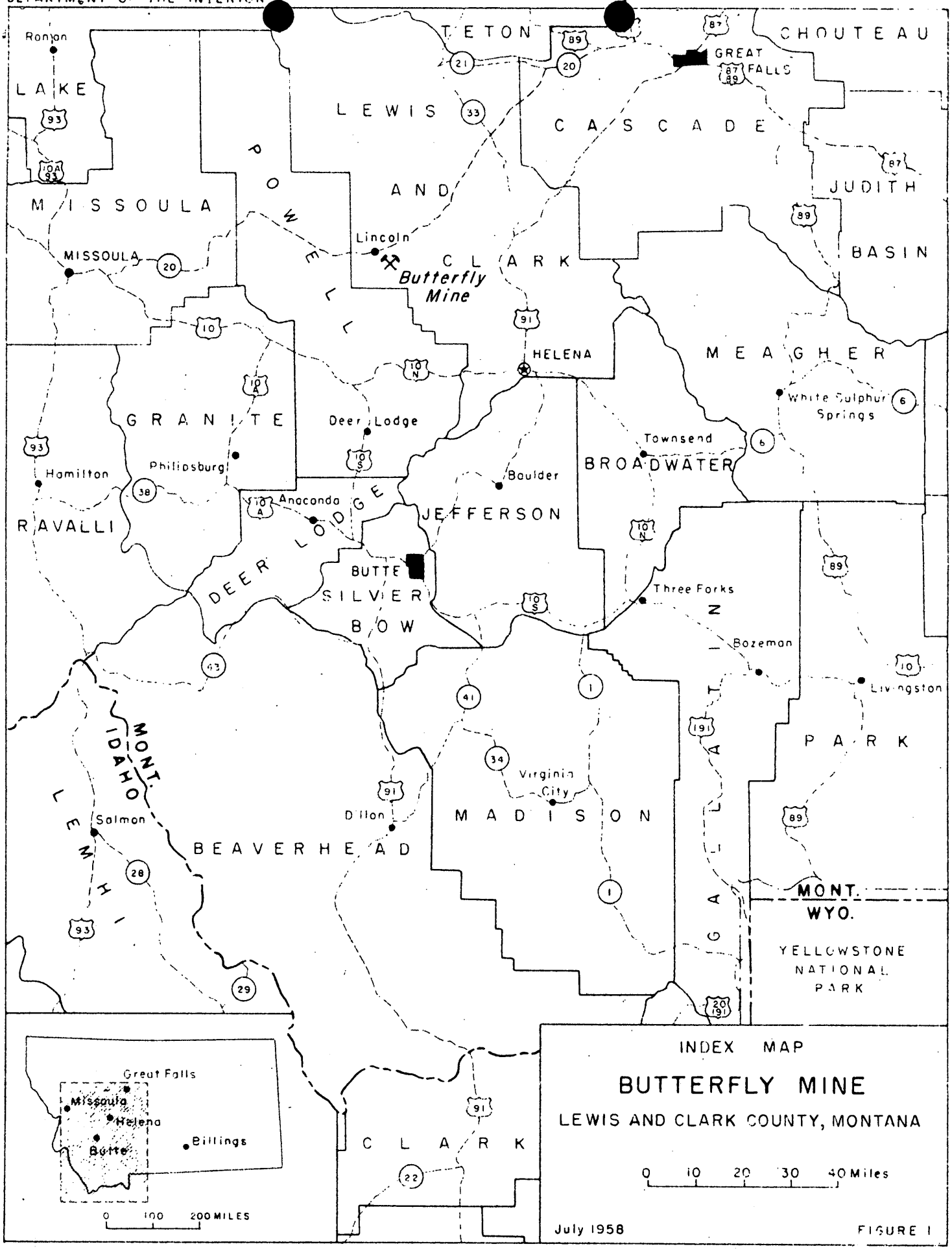
Work from the direction proposed by the applicant does not appear wise until the nature of the offset along the strong north-striking structure found in the Lower Adit is determined and the existence of veins west of this fault is proved.

Enclosures
Distribution:
DMEA(5)
USBM(2)
USGS(SRO)
Docket
Files

UNITED STATES
DEPARTMENT OF THE INTERIOR

PREPARED FOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DOCKET NO DMEA 5001



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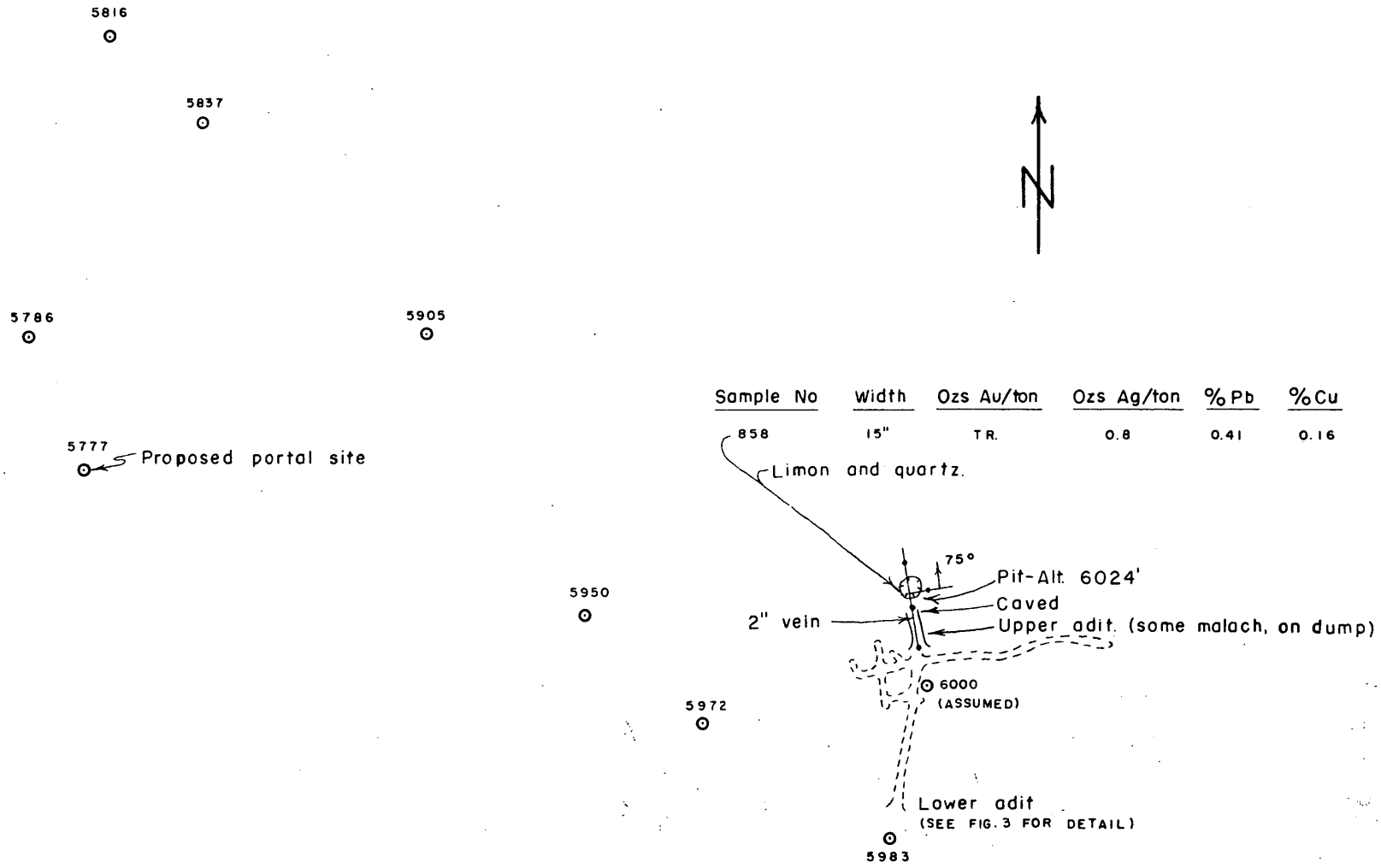
DATE	INITIALS	CODE



COMPOSITE MAP
BUTTERFLY MINE

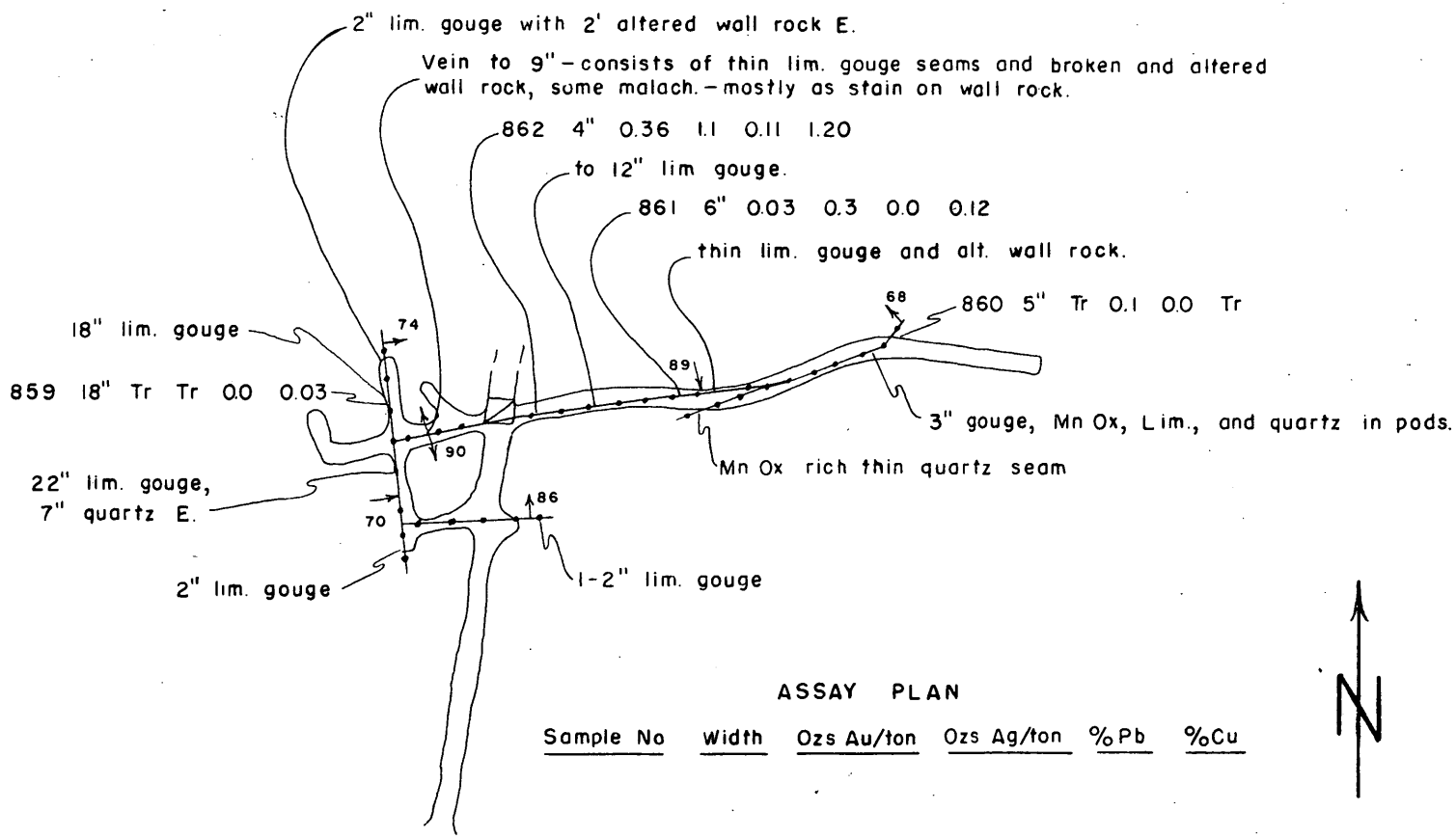
Lewis and Clark County, Montana

0 50 100 200 Feet

July, 1958

Figure 2

BRUNTON AND TAPE SURVEY BY
W.C. PRINZ AND J.A. BOWSHER.
MAY, 1958



GEOLOGIC MAP

LOWER ADIT – BUTTERFLY MINE

Lewis and Clark County, Montana

0 20 40 80 Feet

July, 1958

Figure 3

BRUNTON AND TAPE SURVEY BY
W.C. PRINZ AND J.A. BOWSHER.
MAY, 1958

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DATE	INITIALS	CODE

DMEA Form 7
(12-56)

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Date	Surname	Code
8/22	Klugeschied	500
8/22	Schmeel	500
8/22	Jeffries	130
8/22	Lopez	130
8/22	Nelson	130
"	Johnson	110
"	Mittendorf	100
		520
		500

AUG 22 1958

Mr. William Albert Hall
1839 Stuart
Box 295
Helena, Montana

Re: Docket No. DMEA-5001 (Copper)
William Albert Hall
Butterfly Mine
Lewis & Clark County, Montana

Dear Mr. Hall:

We regret that we were unable to completely process your application for exploration aid prior to June 30, 1958, the termination date for approving new contracts, as announced by the enclosed copy of a news release of June 6, 1958.

However, had the processing been completed, we would have been unable to approve a project based upon the information available to us in Washington concerning your property.

We wish to thank you for your interest in the Defense Minerals Exploration Administration program and for bringing the exploration plan to our attention.

Sincerely yours,

G. O. Mittendorf (for)

Administrator

Enclosure

WPK/dll 8-22-58
cc to: Docket
Admr. R. File
Oper. Comm.
FT. REG. I
Mr. McMahon, USBM
Mr. Kiilsgaard, USGS
Chron.

8623

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DMEA
RECEIVED AUG 18 1958

DATE	INITIALS	CODE
8/18	H.G.	225
		~~400~~
		~~300~~

AXXXXXXX-130K

AXXXXXXX-131K

AXXXXXXX-132K

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AXXXXXXX-135K

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SPOKANE WASH 8-15-58 1515U

MR. GEORGE C. SELFRIDGE, CHAIRMAN OPERATING COMMITTEE

DMEA

DEPT OF INTERIOR WASHN 25 DC

FIELD TEAM WILL RECOMMEND DENIAL OF ALL APPLICATIONS LISTED IN YOUR TELETYPE AUGUST 15 HOWEVER DENIAL OF HOWARD BANKS APPLICATION (DMEA 5030) IS RECOMMENDED WITHOUT PREJUDICE SHOULD PROGRAM BE EXTENDED PENDING EXAMINATION OF OLD WORKINGS NOT ACCESSIBLE BY JULY 1 BUT SINCE OPENED.

A. E. WEISSENBORN, EXECUTIVE OFFICER

DMEA FIELD TEAM REGION L

15 5030 1

VA 1517U

RECEIVED
AUG 18 6 46 AM '58
GENERAL SERVICES ADMIN.
PUBLIC BLDGS. SERVICE
RMD - COMMUNICATIONS

BUREAU OF MINES
MAIL ROOM
WASHINGTON, D. C.

AUG 18 8 58 AM '58

DMEA Form 7
(12-56)

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Date	Surname	Code
8/15	Grigsby	500
8/15	[illegible]	130
8/15	[illegible]	110
11	[illegible]	100
8/18	H. G. T.	220
		5000

8/15 Yang (130
8/15 Nelson (130

AUG 15 1958

Department of Interior

DMEA - Base Metals Division
14E4401(01)
Revolving Fund, Defense
Production Act, Interior,
(Transfer to Office of Secy.)

T E L E T Y P E

TO: MR. A. E. WEISSENBORN, EXECUTIVE OFFICER
DMEA FIELD TEAM, REGION I
SOUTH 157 HOWARD STREET
SPOKANE 4, WASHINGTON

IT IS OUR UNDERSTANDING THAT YOUR OFFICE IS PREPARING REPORTS COVERING THE FOLLOWING BASE METAL APPLICATIONS:

DMEA 4927 TIDAL WAVE MINING, INC.

DMEA 5001 WILLIAM ALBERT HALL

DMEA 5014 ~~UNITED IDAHO MINING CO.~~ Report clearing Committee 8/15/58 HB.

DMEA 5030 HOWARD C. BANKS

DMEA 5045 CLARENCE R. OLIPHANT

DMEA 5047 CHEMICAL COPPER CO.

DMEA 5049 WILLIAM AND JACK HICKS

PLEASE ADVISE US BY TELETYPE AS TO WHICH OF THE ABOVE YOU WILL RECOMMEND DENIAL.

WRG/dl 8-15-58
cc to: Dockets (7) Chron.
Admr. R. File Conf. to Reg I
Oper. Comm.

George C. Selfridge
CHAIRMAN, OPERATING COMMITTEE (HB)

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
5/13	Klugescheid	500
	Williams	500
5/14	GCS	130
"	Johnson	110
"	Hendrickson	100
5/15		220
		500

MAY 15 1958 500

Mr. A. E. Weissenborn
Executive Officer
DMEA Field Team, Region I
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMEA-5001 (Copper)
William Albert Hall
Butterfly Mine
Lewis & Clark County, Montana

Dear Mr. Weissenborn:

Reference is made to the Field Team's letter of May 1, 1958, which states that a field examination of the subject property will be made as soon as possible.

We will, therefore, hold this application in abeyance until the report and recommendations of the Field Team are received.

Enclosed are copies of memoranda, dated May 9, 1958, by A. D. McMahon, Bureau of Mines, and W. P. Williams, Geological Survey, ~~respectively~~, and one extra copy of the application for the use of the Field Team.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee (HB)
WPKlugescheid/er 5/13/58
Copy to: Docket
Admr R File
Op. Committee
Mr. McMahon, USBM
Mr. Kiilsgaard, USGS
Chron.

Enclosures
APPROVED:

Frank D. Lamb (HB)
Member, Bureau of Mines

W. P. Williams (HB)
Member, Geological Survey

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
5/13	Klugescheid	500
	Hamel	500
5/14	Selfridge	130
5/14	Lynch	130
5/14	Williams	130
"	Johnson	110
"	Mittendorf	100
		220
		500

MAY 15 1958

Mr. William Albert Hall
1839 Stuart
Box 295
Helena, Montana

Re: Docket No. DMEA-5001 (Copper)
William Albert Hall
Butterfly Mine
Lewis & Clark County, Montana

Dear Mr. Hall:

The application for assistance in exploring the subject property has been reviewed by the Division of Base Metals.

The DMEA Field Team, Region I, Mr. A. E. Weissenborn, Executive Officer, South 157 Howard Street, Spokane 4, Washington, will make an examination of your property if it has not already done so.

Any assistance you may give the members of the Field Team during the examination will be appreciated.

Sincerely yours,

C. O. Mittendorf

Administrator

WPKlugescheid/er 5/13/58
Copy to: Docket
Admr R File
Op. Committee
Mr. McMahon, USBM
Mr. Kiilsgaard, USGS
Region I (2)
Chron.

8623

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

IN REPLY REFER TO:

OFFICIAL FILE COPY
DMEA
RECEIVED MAY 12 1958

DATE	INITIALS	CODE
5/12	C	220
5/12	Klerz	500

May 9, 1958

Memorandum

To: W. R. Griswold, Defense Minerals Exploration Administration

From: W. P. Williams, U. S. Geological Survey

Subject: Review of application, DMEA 5001 (Copper) W. A. Hall, Butterfly Mine, Lewis & Clark County, Montana

The applicant proposes to explore for copper, lead, silver, and gold at the site of some old mine workings. He proposes to drive 350 feet of 'tunnel' and 200 feet of crosscut.

The application is very brief. No useful maps accompany the application. No assays are submitted. Estimated costs are generalized.

The application should be supplemented. The Executive Officer, Region I, states, however, that a field examination of the property will be made soon. Any shortcomings in the application can be remedied at that time.

W. P. Williams

W. P. Williams

OFFICIAL FILE COPY
DMEA
RECEIVED MAY 19 1958

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON 25, D. C.

DATE	INITIALS	CODE
5/9	C	220
5/9	Clay	500

May 9, 1958

Memorandum

To: W. R. Griswold, Defense Minerals Exploration Administration

From: Commodity Specialist, Branch of Base Metals

Subject: Review of application, Docket No. DMEA 5001 (copper) William Albert Hall, Butterfly Mine, Lewis and Clark County, Montana, $25,000

The applicant seeks Government assistance to drive a 350 foot adit and two 100 foot crosscuts to determine the extent and value at depth of two veins uncovered with a dozer.

The application does not present enough information to evaluate the proposed project. However, it is noted that an examination of the property will be scheduled shortly and the report of that examination will indicate whether or not an exploration program can be designed worthy of Government participation.

A. D. McMahon

A. D. McMahon

Copy to: Division of Minerals
Branch of Base Metals (2)
Thor Kiilsgaard, U.S.G.S.
F. D. Lamb
Files

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

May 5, 1958

Mr. William Albert Hall
1039 Stuart
Box 295
Helena, Montana

Subject: DMEA-5001

Dear Mr. Hall:

Your application for exploration assistance, dated April 21, 1958 submitted to our office at Spokane, Washington has been assigned Docket Number DMEA-5001 and referred to the Base Metals Division in the Washington office. Kindly identify all future correspondence relating to your application by this Docket Number.

Sincerely yours,

Allen S. Dakan, Director
Operations Control and
Statistics Division

Copy to: Region I.

U. S. Government Messenger Envelope

Standard Form No. 65 (Rev. 1/90)

1. Use blocks consecutively, one at a
2. Void previous block.
3. Write clearly.

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[illegible] Room 245-8	RUN / STOP		RUN / STOP
C. Curtin Code 220	RUN / STOP		RUN / STOP
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