DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

## CONTROLLED DOCUMENT

DMA Docket No. 1693X

## DO NOT DETACH THIS SLIP

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This document has been recorded as

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Routing Slip

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| To: | Gowen | Date | 6/18/51 |
| To: | Coordinating Committee | Date | 8/9/51 |
| To: | Reports & Records | Date | 8/9/51 |
| To: | Operating Com. | Date | 3/31/52 |
| To: | Mr. Mittendorf | Date | |
| To: | Mails & Files | Date | |
| To: | Ellis (Docket) | Date | |
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## DO NOT DETACH

## CONTROLLED DOCUMENT

FILE COPY
SURNAME:

200

Adams

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

Bid.

JAN 9 1953

Mr. Carl H. Peterson
Falk Metals Corporation
Mercantile Building
1031 Fifteenth Street
Denver 2, Colorado

Dear Mr. Peterson:

This will acknowledge receipt of your letter dated December 29, 1952 addressed to Mr. Ernest Wm. Ellis, Chief, Rare and Miscellaneous Metals Division, requesting the return of four copies of your application DMA-1693, together with maps and other material submitted with your application.

There are enclosed all papers submitted by you with the exception of the official application forms which are Government property and, therefore, not returnable to the applicant. These forms, submitted on Docket No. DMA-1693, can be referred to and incorporated with any application filed by you.

Sincerely yours,

C. O. Mittendorf (for)

Administrator

Enclosures

1-9-53
READams/meb
cc to: Adm.Reading File
Mails & Files Br.

J.C. 1/9/53

PHONE MA. 7135

FALK METALS CORPORATION
PRODUCERS OF COPPER, LEAD AND ZINC
MERCANTILE BUILDING
1031 FIFTEENTH STREET
DENVER 2, COLORADO

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 2 1953

December 29, 1952

Mr. Ernest Wm. Ellis, Chief
Rare and Misc. Metals Division
U. S. Department of the Interior
Washington 25, D. C.

Re: Docket No. DMA-1693X (Copper)
Glengary Mine, Park County, Montana
Application dated June 6, 1951

Dear Mr. Ellis:

Will you kindly return to us our four applications referred to above.

It is necessary that we have these before we can prepare the next one, and we also want to use the maps which were supplied with the above application.

Very truly yours,
U. S. METALS CORPORATION

Carl H. Peterson

Carl H. Peterson

CHP/dw

FILE COPY
SURNAME:

Schmidt
Ellis
Attorney

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

DEC 16 1952

Mr. Carl H. Peterson, Secretary
Falk Metals Corporation
Mercantile Building
1031 Fifteenth Street
Denver 2, Colorado

Re: Docket No. DMA-1693X (Copper)
Glengary Mine, Park County, Montana
Application dated June 6, 1952

Dear Mr. Peterson:

Reference is made to your letter concerning the subject application of October 29, 1952, our response of November 3, and Mr. Walter A. Falk's acknowledgment dated November 7. At that time arrangements were made to keep the subject application in an active status pending receipt of additional data which you advised was being prepared.

There has been no further word from you. As stated in previous correspondence, we are anxious to cooperate with you. However, if we do not receive a new application or a modification of the present one by January 15, 1953, we will be forced to conclude that you are no longer interested and consider this docket closed.

You may be assured that any application which you may subsequently file for an exploration project will be given our fullest consideration.

Sincerely yours,

SIGNED

Ernest Wm. Ellis, Chief,
Rare and Misc. Metals Division

12-16-52

FSSchmidt/gla
12-15-52
cc to: Adm. Reading File
Docket
Messrs. C. H. Johnson, Rm. 3621
A. R. Kinkel, Rm. 4234 GSA Bldg.
Mr. Ellis
Mr. Schmidt
DMEA Field Team, Region II (2)

11/12/52 glg
Gos

PHONE MA. 7135

**FALK METALS CORPORATION**
PRODUCERS OF COPPER, LEAD AND ZINC
MERCANTILE BUILDING
1031 FIFTEENTH STREET
DENVER 2, COLORADO

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 10 1952

November 7, 1952

Mr. Ernest Wm. Ellis, Chief
Rare & Misc. Metals Division
U.S. Department of Interior
Defense Minerals Exploration Adm.
Washington 25, D. C.

Re: Docket No. DMA-1693X (Copper
Glengary Mine, Park County, Montana

Dear Mr. Ellis:

Thank you for your letter dated November 3, which we have received in this office.

We appreciate your kind cooperation.

Very truly yours,

FALK METALS CORPORATION

Walter A. Falk

Walter A. Falk
President

WAF:mcf

FILE COPY
FOR RNAME:

Schmidt
Ellis
Mattendorf

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

NOV 3 1952

Mr. Carl H. Petersen, Secretary
Falk Metals Corporation
Mercantile Building
1031 Fifteenth Street
Denver 2, Colorado

Re: Docket No. DMA-1693X (Copper)
Glengary Mine, Park County, Montana

Dear Mr. Petersen:

This acknowledges receipt of your letter of October 29, 1952. It is noted that you are working on a new plan of exploration for this property based on engineering data you expect to receive, and that therefore you are interested in having this docket kept open.

We are anxious to cooperate with you, and until you have heard further from us, we will continue to keep this docket open anticipating your advices in the near future.

Sincerely yours,

Signed 11/3/52

Ernest Wm. Ellis, Chief
Rare & Misc. Metals Division

F.Schmidt/jem
11/3/52
cc to: Adm. Reading File
Docket
Messrs. CHJohnson-3621
ARKinkel-5214 GSA
Ellis
Schmidt
Field Team, Region II (2)

10/31/52

U. S. METALS CORPORATION
PRODUCERS OF COPPER, LEAD & ZINC
MERCANTILE BUILDING
1031 15TH STREET
DENVER 2, COLORADO

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 31 1952

October 29, 1952

United States Dept. of Interior
Defense Minerals Exploration Administration
Washington 25, D. C.

Attention: Ernest Wm. Ellis, Chief
Rare & Misc. Metals Division

Dear Mr. Ellis:

Thank you for your letter of October 15 in reference to Docket No. DMA-1693X (Copper) Glengary Mine, Park County, Montana.

We would appreciate it very much if you would hold this application open as we are working on a different plan concerning development of this property. Therefore, we are very much interested in having this application reinstated, just as soon as certain engineering data is received in this office.

Very truly yours,

U. S. METALS CORPORATION

Carl H. Peterson

Carl H. Peterson

CHP:mcf

FILE COPY
SURNAME:

700
Schmidt
Ellis
Whitendorf

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

Mr. Carl H. Peterson, Secretary
Falk Metals Corporation
Mercantile Building
1031 Fifteenth Street
Denver 2, Colorado

OCT 15 1952

Re: Docket No. DMA-1693X (Copper,
Glengary Mine, Park County, Montana

Dear Mr. Peterson:

Reference is made to our exchange of letters in April in an attempt to further the investigation and determination of the above-docketed application. Particular reference is made to your letter of April 24, wherein you stated that your representative, Mr. White from Cooke, Montana, expected to be in Spokane at a later time and would discuss the matter with Mr. Weissenborn. We have learned recently from Mr. Weissenborn that he has received no further word from you relative to this application, nor has Mr. White visited his office.

Mr. Weissenborn would be glad to discuss the proposal with you or Mr. White. However the docket, of necessity, remains in an inactive status, and the assumption is that the company is no longer interested in the application. If that be the case, we are desirous of removing this docket from our active file and will proceed to do so unless you advise us to the contrary within the next 30 days. We would appreciate receiving a reply as to your desire in the matter.

Sincerely yours,

Signed

E.H.
10-15-52

Ernest W. Ellis, Chief
Rare & Disc. Metals Division

FeSchmidt/gla/jem
10/15/52
cc to: Adm. Reading File
Docket
Messrs. CHJohnson-3621
Ned Nelson-4216 GSA
Ellis Schmidt
Field Team, Region II (2)

10/14/52 glm

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 13 1952

October 6, 1952

Mr. Frank E. Johnson, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: Docket DMEA-1693X (Copper)
Falk Metals Corporation
Glengary Mine
Park County, Montana

Dear Mr. Johnson:

This is in reply to your letter of October 2, 1952, asking whether the Falk Metals Corporation had submitted any additional information or has again contacted the Field Team with reference to their application.

This is to advise you that we have had no word from Mr. Peterson since his letter to you of April 11, 1952, nor has Mr. White from Cooke, Montana, ever stopped in this office to discuss the case with us. We would be glad to discuss the proposal with Mr. White or Mr. Peterson or any other representative of the company, but since we have had no further word we can only assume that the company is no longer interested in the application.

Sincerely yours,

A. E. Weissenborn

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

cc: USBM (2)

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

So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 13 1952

October 6, 1952

Mr. Frank B. Johnson, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: Docket DMEA-1693X (Copper)
Falk Metals Corporation
Glengary Mine
Park County, Montana

Dear Mr. Johnson:

This is in reply to your letter of October 2, 1952, asking whether the Falk Metals Corporation had submitted any additional information or has again contacted the Field Team with reference to their application.

This is to advise you that we have had no word from Mr. Peterson since his letter to you of April 11, 1952, nor has Mr. White from Cooke, Montana, ever stopped in this office to discuss the case with us. We would be glad to discuss the proposal with Mr. White or Mr. Peterson or any other representative of the company, but since we have had no further word we can only assume that the company is no longer interested in the application.

Sincerely yours,

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

cc: USBM (2)

700

FILE COPY
SURNAME:

Schmidt

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

OCT 2 1952

Mr. A. E. Weissenborn
Executive Officer
DMEA Field Team, Region II
South 157 Howard Street
Spokane 8, Washington

Re: Docket No. DMA-16938 (Copper)
Falk Metals Corporation
Glengary Mine
Park County, Montana

Dear Mr. Weissenborn:

Considerable time has elapsed since our exchange of correspondence with Mr. Carl H. Peterson, Secretary, of the above company's Denver office, concerning this application. Following our letter of April 18, 1952, to Mr. Peterson (a copy of which was forwarded to you, to which you responded on April 22), he wrote this office that their representative, Mr. White from Cooke, Montana, expected to be in Spokane at a later date and would discuss this case further with you.

We are holding this application in our pending file and should like to bring the matter to a final disposition. We would appreciate being advised whether the company has submitted additional information or contacted you with reference to it.

F.H. 10-2-52

Sincerely yours,

(signed) FRANK E. JOHNSON

(B.H.)

Chairman, Operating Committee

APPROVED:

C. H. Johnson
Member, Bureau of Mines
(B.H.)

A. R. Kinkel, Jr.
Member, Geological Survey
(B.H.)

GLAult/FSSchmidt/gla 9-30-52
cc to: Adm. Reading File
Operating Committee
Docket
Messrs. C.H.Johnson, Rm. 3621
N.E.Nelson, Rm. 4216 GSA
Ellis
Schmidt
DMEA Field Team, Region II

UNITED STATES 13771

DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

# REFERENCE SLIP

DATE 4-28-52

REFERRED TO:

DMEA-1693

1. Code 700
2. ~~[illegible]~~
3. ~~Schmidt~~ RW
4. ~~[illegible]~~ RCP

FOR:

| | |
|---|---|
| .....Action | .....Recommendation |
| .....Approval | .....Record of..... |
| .....Comment | .....Referring to..... |
| .....Conference | .....Ready for signature of..... |
| .....Consideration | .....Rewriting |
| .....Filing | .....Signature |
| .....Instructions | .....Suggestions |
| .....Investigation | .....Your informtion |
| .....Initials | |
| .....Mailing | |
| .....Previous correspondence | |

REMARKS:.....

Check (X) before the items needing attention.

ROBERT E. ADAMS

.....

Initial of sender

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

4/29/52 gla

PHONE ACOMA 4324

**FALK METALS CORPORATION**
PRODUCERS OF COPPER, LEAD AND ZINC
MERCANTILE BUILDING
1031 FIFTEENTH STREET
DENVER 2, COLORADO

April 24, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 28 1952

Mr. Ernest William Ellis
Chief Rare and Misc. Metals Division
Defense Minerals Exploration Administration
U.S. Department of the Interior
Washington 25, D.C.

RE: Docket No, DMA-1693X (Copper)
Falk Metals Corporation
Glengary Mine, Park County, Montana.

Dear Mr. Ellis:

Thank you very kindly for your informative letter of April 18, 1952, with reference to Docket number DMA-1693X (copper) Falk Metals Corporation's Glengary Mine, Park County, Montana.

First of all I wish to state we have never in this office received a letter from Mr. A. E. Weissenborn, Executive Officer DMA Field Team Division 2, Spokane, Washington. This, of course, explains our attitude in our letter to you of April 11th.

Mr. White from Cooke, Montana is in our office and we have some matters to be looked after in Washington, and as his wife's folks live in Spokane, he will take these two letters with him, namely, October 22, 1951, from Mr. Weissenborn and one from you dated April 18, 1952, and take this matter up with the Spokane office as Mr. White is more familiar with the Cooke property than any one I could think of as he has been in Cooke since 1933 and perhaps he may be successful in getting down to some working agreement or understanding with Mr. Weissenborn.

Thanking you for your kindness in this matter, I remain

Very truly yours,

FALK METALS CORPORATION

By Carl H. Peterson
Carl H. Peterson, Secretary

CHP:w

UNITED STATES 13771

DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

# REFERENCE SLIP

DATE 4-28-52

REFERRED TO:

DMEA-1693

1. Code 700
2. ~~Schmidt~~ Fld.
3. ~~Ellis~~ 200
4.

FOR:

| | |
|---|---|
| .....Action | .....Recommendation |
| .....Approval | .....Record of..... |
| .....Comment | |
| .....Conference | .....Referring to..... |
| .....Consideration | |
| .....Filing | .....Ready for signature of..... |
| .....Instructions | |
| .....Investigation | .....Rewriting |
| .....Initials | .....Signature |
| .....Mailing | .....Suggestions |
| .....Previous correspondence | .....Your informtion |

REMARKS:

Check (X) before the items needing attention.

ROBERT E. ADAMS

Initial of sender

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

4/29/52 gla

OFFICE OF THE ADMINISTRATOR

# UNITED STATES
# DEPARTMENT OF THE INTERIOR

**DEFENSE MINERALS ADMINISTRATION**

**WASHINGTON 25, D. C.**

So. 157 Howard Street
Spokane 4, Washington

April 22, 1952

Mr. Ernest Wm. Ellis, Chief
Rare and Misc. Metals Division
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMA-1693X (copper)
Falk Metals Corporation
Glengary Mine, Park County
Montana

Dear Cap:

This is to thank you for the backing given the Field Team in your letter of April 18, 1952 to Mr. Carl H. Peterson, Secretary, Falk Metals Corporation.

The Field Team will take appropriate action on the application as soon as Mr. Peterson submits the requested data.

Sincerely yours,

A E Weissenborn

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

cc: USBM

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
Received
APR 28 1952

FILE COPY
700 SURNAME:

Schmidt
Walker
Ellis

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

APR 18 1952

Mr. Carl B. Peterson, Secretary
Falk Metals Corporation
201 Mercantile Building
1031 Fifteenth Street
Denver 2, Colorado

Re: Docket No. DM-1693X (Copper)
Falk Metals Corporation
Glengary Mine, Park Co., Montana

Dear Mr. Peterson:

This acknowledges receipt of your letter of April 11, 1952, and it seems constructive to re-examine this matter for the purpose of clarifying the present misunderstandings.

First, it has been brought to your attention that the application is not clear as to the specific work proposed which, as has been pointed out, is a fundamental requirement. The only description of the work proposed in the Application is under C 20 and C 21 as follows:

"The exploration will be conducted for copper ore, open pit deposits and also for copper ore in the tunnel located on the Lulu Mining Claim No. 9974. It will require about 4 months to clean out the tunnels, bulldoze the trenches, and do the diamond drilling."

Then the application gives detailed break-down of proposed expenditures amounting to $40,675.00 to do some unspecified work. This statement does not show what is to be accomplished with the funds. The final step in the processing of these applications is the execution of a contract between the Applicant and the Government wherein certain work is to be done at certain locations for an estimated amount of money. There is nothing in this application that could help arrive at any such conclusion.

A map should be provided showing the proposed work and its relation to previous work by the Newmont Co. in 1939, or done by anyone else. Considerable money has been spent in exploring this same area by thoroughly competent engineers. It is recognized that the price of copper and the Government attitude toward copper was different in 1939 and furthermore that production of copper may be made from properties that are not of sufficient magnitude to interest Newmont. However, justification must be developed for spending $40,675.00 in this particular area and neither the application nor subsequent correspondence accomplish this.

Secondly, you state that you have no record of having received the important letter of October 22, 1951, from Mr. Weissenborn. Our letter of March 27, 1952, was predicated on the assumption that you had received it. It appears that said letter leaves little to be desired in the way of cooperation. A copy of this letter is herewith enclosed, and it will be noted that this office is in complete accord with the request for data as to specific work, not only from the geological standpoint justifying its execution, but also cost allocation to specific work for contract purposes.

It is noted from your letter that you have recently drilled 16 holes, the results of which are not stated, though they would be of interest to us. It is also noted that you are satisfied with the property, and it is herewith suggested that if you transmit this satisfactory data to the Spokane office in accordance with the letter of October 22, 1951, that it will receive the fullest consideration.

Concerning the Access Road Application AR 52, there is nothing in your letter of April 11, 1952, to change the situation as described by Mr. Stanley Walker, Chief Facilities Section, in his letter to you of September 20, 1951, quoted as follows:

"It would appear that this haulage problem is entirely removed from any contemplated exploration work; in other words, if you acquire the 200 ton mill, revamp it for production, and if you are ready to transport ore to the mill with reasonable assurance that these shipments will continue, then a road to assist in this work will be in order."

It is hoped that the foregoing will clarify the issues and that you will avail yourself of the cooperation of the agencies involved in completing the subject application.

Sincerely yours,

4/18

Ernest M. Ellis, Chief
Rare and Misc. Metals Division
Defense Minerals Exploration
Administration

FSSchmidt/jem
4/17/52
cc to: Adm. Reading File
Docket
Messrs. CHJohnson, Rm. 3621
Ned Nelson, Rm. 4216 GS
Ellis Schmidt
Field Team, Region II (2)

COPY

U.S. OIL & METALS CORPORATION

April 11, 1952

Mr. Ernest William Ellis,
Chief Rare and Misc. Metals Division,
Defense Minerals Exploration Administration,
U. S. Department of the Interior,
Washington 25, D.C.

Re: Docket No. DMA-1693X (Copper)
Falk Metals Corporation
Glengary Mine, Park Co., Montana

Dear Mr. Ellis:

In regard to the Docket No. DMA 1693X Copper, Falk Metals Corporation, Glengary Mine, your letter states that in reviewing our correspondence concerning the application of the Falk Metals Corporation, was that the application was not clear in its description of the specific work we proposed. Also, to quote "this is a fundamental requirement. It appears that Mr. Weissenborn's offer of October 22, 1951, of a field conference and his request for such detailed information as is required, have not received an answer."

We have searched our records and we cannot find any letter from Mr. Weissenborn of October 22, and, needless to say, we are at a loss to understand what the difficulty could be in our description.

Yes, we are very much interested in getting some government assistance not only in prospecting, but on road work, but it appeared as though we could not get anywhere with Mr. Weissenborn. What is there left, then, that a little mining company like ours can do when the Chief of the District rejects our application. We are not accustomed to that treatment from the U. S. Bureau of Mines here in Denver. We have several Development Loans here in Colorado, and we seem to get along with the Bureau of Mines here very well, but we have had no cooperation from Mr. Weissenborn. He sent a young man out to Cooke Montana to check the mining application with us first, and he turned us down before he had made a complete examination. The first thing he told us was that we had to open up and show him where we had copper ore. This we did. We hired a cat and opened up a pit about 10 feet by 100 feet and he could not help himself but find good copper samples, because the samples that we had taken averaged around 8%. It is

C
O
P
Y

true that it runs quite heavy in gold and on account of this he seems to have classified it as a gold operation rather than a copper operation. We join the McClaren gold mines on the north, and during World War II, and up to date, have enjoyed a high priority on account of copper in their ores, and our ores contain a higher percentage of copper than does the ore from the McClaren Gold Mine.

Now, what we wanted was to get some assistance in core drilling, and in not getting any assistance from the government, we put in a rig and drilled 16 holes averaging from 38 feet to 187 feet, and we are satisfied with the property. I am sure that had this been under the Bureau of Mines in Denver that we could have gotten assistance for core drilling from the surface indications.

However, since we have finished this core drilling, we have taken over all of Ed White's property, which is about 53 claims. We not only own the Cooke Mining Company properties, but also properties surrounding the Cooke Mining Company joining the McClaren Gold and Copper Mines on the North. So, at this time, we are more interested in getting help on the roads than we are in getting a development loan. Therefore, please hold this application open and if there is anything you can do to help us in getting road assistance, we shall appreciate it very much.

Mr. Stanley Walker of the U. S. Bureau of Roads knows us well enough to know that we would not ask for anything that is not reasonable, because he knows our Colorado operation.

Thanking you for giving this matter your personal attention.

Sincerely yours,

/s/Carl H. Peterson

U. S. Metals Corporation
Carl H. Peterson, Secretary.

CHP;dfb

P.S. Where we state "McLaren Gold and Copper Mine on the North" as a matter of technical explanation we are on the north of McLaren and the McLaren is south of us.

700

FILE COPY
SURNAME:

Schmidt
Ellis

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

April 17, 1952

To: Mr. A. C. Weissenborn, Executive Officer, Reg. II
DMEA Field Team, South 157 Howard St., Spokane 8, Washington

From: Ernest Wm. Ellis, Chief, Rare & Misc. Metals Division
Defense Minerals Exploration Administration

Subject: Docket No. DMA-1693X (Copper)
Falk Metals Corporation
Glengary Mine, Park Co., Montana

Attached please find a copy of Mr. Peterson's letter of April 11, 1952 and also a copy of our reply.

4/18

Ernest Wm. Ellis

Attachments

FSSchmidt/jem

cc to: Adm. Reading File
Docket
Messrs. Ellis
Schmidt
Field Team, Reg. II

4/14/52 gla

A[illegible] A 4324

BOSTON OFFICE
ROOM 506
148 STATE STREET
BOSTON, MASS.

# U. S. OIL & METALS CORPORATION

PRODUCERS OF OIL, COPPER, LEAD & ZINC
MERCANTILE BUILDING
1031 15TH STREET
DENVER 2, COLORADO

April 11, 1952.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 14 1952

Mr. Ernest William Ellis,
Chief Rare and Misc. Metals Division,
Defense Minerals Exploration Administration,
U. S. Department of the Interior,
Washington 25, D. C.

Re: Docket No. DMA-1693X (Copper)
Falk Metals Corporation
Glengary Mine, Park Co., Montana.

Dear Mr. Ellis:

In regard to the Docket No. DMA 1693X Copper, Falk Metals Corporation, Glengary Mine, your letter states that in reviewing our correspondence concerning the application of the Falk Metals Corporation, was that the application was not clear in its description of the specific work we proposed. Also, to quote "this is a fundamental requirement. It appears that Mr. Weissenborn's offer of October 22, 1951, of a field conference and his request for such detailed information as is required, have not received an answer."

We have searched out records and we cannot find any letter from Mr. Weissenborn of October 22, and, needless to say, we are at a loss to understand what the difficulty could be in our description.

Yes, we are very much interested in getting some government assistance not only in prospecting, but on road work, but it appeared as though we could not get anywhere with Mr. Weissenborn. What is there left, then, that a little mining company like ours can do when the Chief of the District rejects our application. We are not accustomed to that treatment from the U. S. Bureau of Mines here in Denver. We have several Development Loans here in Colorado, and we seem to get along with the Bureau of Mines here very well, but we have had no cooperation from Mr. Weissenborn. He sent a young man out to Cooke Montana to check the mining application with us first, and he turned us down before he had made a complete examination. The first thing he told us was that we had to open up and show him where we had copper ore. This we did. We hired a cat and opened up a pit about 10 feet by 100 feet and he could not help himself but find good copper samples, because the samples that we had taken averaged around 8%. It is

true that it runs quite heavy in gold and on account of this he seems to have classified it as a gold operation rather than a copper operation. We join the McClaren gold mines on the north, and during World War II, and up to date, have enjoyed a high priority on account of copper in their ores, and our ores contain a higher percentage of copper than does the ore from the McClaren Gold Mine.

Now, what we wanted was to get some assistance in core drilling, and in not getting any assistance from the government, we put in a rig and drilled 16 holes averaging from 38 feet to 187 feet, and we are satisfied with the property. I am sure that had this been under the Bureau of Mines in Denver that we could have gotten assistance for core drilling from the surface indications.

However, since we have finished this core drilling, we have taken over all of Ed White's property, which is about 53 claims. We not only own the Cooke Mining Compnay properties, but also properties surrounding the Cooke Mining Company joining the McClaren Gold and Copper Mines on the North. So, at this time, we are more interested in getting help on the roads than we are in getting a development loan. Therefore, please hold this application open and if there is anything you can do to help us in getting road assistance, we shall appreciate it very much.

Mr. Stanley Walker of the U. S. Bureau of Roads knows us well enough to know that we would not ask for anything that is not reasonable, because he knows our Colorado operation.

Thanking you for giving this matter your personal attention.

Sincerely yours,

Carl H. Peterson

U. S. METALS CORPORATION,
Carl H. Peterson, Secretary.

CHP:dfb

P.S. Where we state "McLaren Gold and Copper Mine on the North" as a matter of technical explanation we are on the north of McLaren and the McLaren is south of us.

UNITED STATES 13771
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

# REFERENCE SLIP

DATE 4-7-52

REFERRED TO:

1. ~~Mrs. Berry Rm. 4424~~
2. ~~Mr. Ellis J. R. 4440~~
3. ~~Mrs. Schmidt~~
4.

FOR:

| | |
|---|---|
| .....Action | .....Recommendation |
| .....Approval | .....Record of..... |
| .....Comment | |
| .....Conference | .....Referring to..... |
| .....Consideration | |
| .....Filing | .....Ready for signature of..... |
| .....Instructions | |
| .....Investigation | .....Rewriting |
| .....Initials | .....Signature |
| .....Mailing | .....Suggestions |
| .....Previous correspondence | .....Your informtion |

REMARKS: I'll follow up on this & bring it to your attention if no letter is received from Mr. Peterson by May 6 — Mrs. Ouelt

Check (X) before the items needing attention.

Adams (AA)

INT.-DUP. SEC., WASH., D.C. Initial of sender

gla 4/8/52

OFFICE OF THE ADMINISTRATOR

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

So. 157 Howard Street
Spokane 4, Washington

April 3, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
RECEIVED
APR 7 1952

Mr. Frank E. Johnson
Chairman, Operating Committee
Defense Minerals Exploration Administration
Department of Interior
Washington 25, D. C.

Dear Mr. Johnson:

This is in reply to your letter of April 1 re the Falk Metals Corporation, Glengarry mine, Park County, Montana, DMA 1693X. Although Mr. Peterson wrote us a rather intemperate letter, the Field Team is quite willing to meet with him in the field at any time to discuss his application. I would even go a little beyond what you have said for it may not be possible to make a field examination before May 1 due to the high altitude and the snow conditions in the vicinity of the property. However, if Mr. Peterson does not reply to your letter by May 1, I think we are amply justified in considering the docket closed.

Sincerely yours,

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

cc: USBM, Spokane

FILE COPY
700 SURNAME:

Schmidt
Ellis

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

APR 1 1952 AIR MAIL

Mr. A. . eisenborn
Executive Officer, Region II
Field Team
South 157 Howard Street
Spokane 8, Washington

Re: Docket No. [illegible]-1693 (Copper)
Milk Metals Corporation
Glengary Mine, Park Co., Montana

Dear Mr. Weisenborn:

This refers to your letter of March 20, 1952, concerning proposed closing of the docket of the Milk Metals Company.

A review of the file indicates that this applicant is not sufficiently interested to justify keeping this docket open. However, we have made it a policy to notify a delinquent applicant of a final time limit within which to cure the defects of his application before closing the docket.

In accordance with this policy we are herewith writing the enclosed letter, which we hope will be in accord with your own views.

Sincerely yours,

(signed) FRANK E. JOHNSON

(JKB)

Chairman, Committee on Defense Minerals Exploration Administration

Prepared by: J. H. Hodges

(JKB)

Member, Bureau of Mines

(JKB)

Member, Geological Survey

F.Schmidt/jem
3/28/52
CC to: Adm. Reading File
Docket
Messrs. C.A.Johnson, Rm. 3621
Ned Nelson, Rm. 4216 GS
Ellis
Schmidt
Field Team, Region II

700

FILE COPY
SURNAME:

Schmidt
Ellis
Thayer
Fejfuhrer

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

APR 1 1952

Mr. Carl H. Peterson
Suite 205-11-16
Denver 2, Colorado

Re: Docket No. [illegible]-1[illegible] (Copper)
Talk Metals Corporation
Elementary Mine, Park Co., Montana

Dear Mr. Peterson:

A review of the correspondence concerning the application of the Talk Metals Company shows that the application was defective in its description of the specific work you propose. This is a fundamental requirement.

It appears that Mr. Weissenborn's offer of October 22, 1951, of a field conference and his request for such detailed information as is required, have not received an answer.

We are forced to the conclusion that you are no longer interested in completing this application. However, we are anxious to co-operate with you in allowing ample time, but if the needed data has not been received by May 1, 1952, we will consider the docket closed.

Sincerely yours,

cc 4/1

Ernest Wm. Ellis, Chief
Base and Misc. Metals Division
Defense Minerals Exploration
Administration

FSSchmidt/jem
3/27/52
cc to: Adm. Reading File
Docket
Messrs. C.H.Johnson, Rm. 3621
Ned Nelson, Rm. 4216 GS
Ellis
Schmidt
Field Team, Region II (2)

Memo Schmidt to Ellis 3/25/52

Glengary Mine
Falk Metals Corp 1693 X $40,675. Copper Montana

Field Team Denial Weissenborn recommends closing docket

Letter from Weissenborn to Peterson 10/22/51

Feels justified in unfavorable field report based on information available and emphasises the point that the application will be reconsidered if new data is available

He respectfully asks for data on the proposed work as well as a break down in cost. Then application will be reconsidered. He points out that applicant did not specifically describe the work he proposed to do.

Invites him to a field conference with a representative from his office. Since there is ill will between Quinlan who made the field report and Peterson the applica nt, it is inferred that Weissenborn would send some one else for a field conference. This is virtually an invitation to review the whole situation. He also says that if the necessary data as to proposed work could be provided, possibly a field conference would not be necessary.

Application MF 103

Q 20 " The exploration will be conducted for copper ore. Open pit deposits and also for copper ore in the tunnel located on the Luly Mining claims 9974"

Q 21 " It will require about 4 months to clean out the tunnels, bulldoze the trenches and do the diamond drilling" This is all there is on the subject of proposed work. There are cost figures but not broken down.

It will be seen from this that Weissenborn has no alternative but to ask for more specific description of the work

Had this been approved by Weissenborn this Washington office would have bounded it back for this very data that he is asking for. and which has not been p rovided to this day 3/25/52

It seems that Quinlan crossed swords with Peterson who speaks disrespectfully of him and challenges his age and experience.

The situation is further complicated by Stanley Walker acting chief Housing and Utilities Branch 9/20/51 writing Peterson and informing him that the field team report was negative which Peterson learned about in this way, and Walker also informs him that he himself, and Gowan do not concur with the report of the field team. Just what the purpose was or the justification or the authority for doing so I do not know but it added fuel to the flames.

The reasons for condemnation by field team were

1- ~~The Glengary mineis primarily a gold prospect~~

2-Exploration not clearly stated and will duplicate the exploration work done Newmont which dropped their option.

Field team requires that

1-property has possibilities of producing significant amount of copper

2-show that this will explore a different block of ground than was explored by Newmont

It is possible that the field teams judgement is in error. the fact that Newmont turned it down simply means that it is not of the magnitude to interest Newmont in 1938. This is 1952 and the price of copper is something else again.

It would seem that the applicant could describe his proposed work and show drill holes on a map and location of trenches and that he could work on an area not explored by Newmont or show that if he can add to Newmonts reserves developed that at this price of copper he can make it an asset.

The applicant has not cooperated. Weissenborn himself has done whatever he can

Since the applicant has been treated with every consideration a nd been asked some specific questions which he refuses to answer, and this ~~is~~ was Oct.22/51 5 months a go, I think there are only two things to consider.

1st write him drawing his attention to Weissenborns letter of10/22/52 mentioning that he has been asked to provide us with data required from every one and that he haa shown no interest during the past 5 months, and since we wish to ma ke sure that he has had every opportunity we will give him until May 1 to complete his old application or get in a new one and if we do not hear from him by that time the docket will be closed.

2- Inform him that since he has had ample time, 5 months, to answer Weissenborn letter, and complete his incomplete application, we are herely notifying him that in accordance with customa ry procedure we are closing the docket .

The ~~latter~~ former alternative will not be in accord with Weissenborns ideas who wishes to close out this application and it must be admitted that the applicant has been most uncooperative. We have how ever been following a policy of ~~leavning~~ leaning back in these matters and after all by the time the applicant company may have another secretary or may have crystallized their plans and work pattern and they might feel less hostile if they had the received this consideration. and furthermore It is possible that a new application will result and with some one e.se besides Quinlan on the case from Weissenborns office we may put the breath of life into this propject. It must have merit or Newmont would not have drilled it and Newmont would look at things differently with copper at 28 cents than at 18 cents.

Access road project is separate & dist

File

10-17-51

Falks Project 1693 x Cooper, Park County, Mont.
a gold district -

Quinlan of Field Team reported on it - and turned it down - Peterson representing Falk told Quinlan that he had "better recommend it or he (Quinlan) would get a bad name" -

The present road is adequate for present purposes and no access road work will be recommended until justified -

Peterson has drilled 2 core drill holes and promised to furnish record of cores to Greenebaum. They have not been received -

Peterson has not outlined the project and until he makes up his mind as to what exploration he wants to do, it is impossible to do anything for him -

Peterson has been advised that when he presents an exploration program it will be given every consideration -

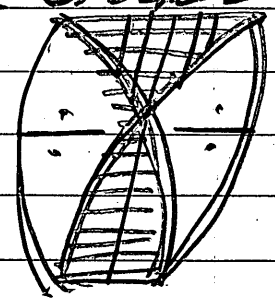
P. B. B.

Miss Faust

1693X

Sept

Agg A Order



80
22

Falk —

Barite — Qtz — Calcite

shipped 1 small to Lacida during II

Checked on process with Ruston

20 - 30 % —

no sampler

P.T.R.
Request
Bailey - Rice
06

Sept 12

Sept 6th
Ford
Ford

Denver cases

3/24/52 [illegible]

OFFICE OF THE ADMINISTRATOR

# UNITED STATES
# DEPARTMENT OF THE INTERIOR

## DEFENSE MINERALS ADMINISTRATION

**WASHINGTON 25, D. C.**

So. 157 Howard Street
Spokane 4, Washington

March 20, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 24 1952

Mr. Frank E. Johnson
Chairman, Operating Committee
Defense Minerals Exploration Administration
Washington 25, D. C.

Re: Docket No. DMA-1693X (Copper)
Falk Metals Corporation
Glengary Mine
Park County, Montana, and
AR-52 Access Road

Dear Mr. Johnson:

This is in reply to your letter of March 17, 1952, requesting information concerning the applications of the Falk Metals Corporation.

The Falk Metals Corporation did not reply to Mr. Weissenborn's letter in which the possibility of submitting a new exploration application on the Glengary mine was broached. Incidentally, our file shows this letter to be dated October 22, 1951, instead of September 22, 1951, as stated in your letter.

Since the Falk Metals Corporation does not appear interested in filing a new application, the file should be considered closed.

Yours truly,

J. J. Quinlan

J. J. Quinlan
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

cc: USBM, Spokane

FILE COPY
SURNAME:

700

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

MAR 17 1952

AIR MAIL

Rutledge
Ellis
Mayer
Johnson
Johnson

Mr. A. E. Weissenborn
Executive Officer, Region II
DMEA Field Team
South 157 Howard Street
Spokane 8, Washington

Re: Docket No. DMA-16931 (Copper)
Falk Metals Corporation
Glengary mine
Park County, Montana
and
AR-52 access road

Dear Mr. Weissenborn:

The applications listed above were recently acquired by the Rare and Miscellaneous Metals Division of DMEA from the former Supply Division of DMA.

From the docket it is apparent that the Falk Metals Corporation was aware of the findings of the Field Team though there is no record of their notification of a denial by DMA. In your letter of September 22, 1951, to Mr. Peterson, you mentioned that if additional data were available a new application, if submitted, would be considered. Do you have any more recent information on the plans of the Falk Metals Corporation or should this file be considered closed?

Sincerely yours,

(signed) FRANK E. JOHNSON (FE)

Chairman, Operating Committee
Defense Minerals Exploration
Administration

FARutledge/jem
3/12/52
cc to: Adm. Reading File
Docket
Messrs. Johnson,CH Rm. 3621
Nelson, Ned Rm. 4216 GS
Johnson,FE Rm. 4624
Ellis
Rutledge
Field Team, Region II
Operating Committee

S.N.
3-17-52

1693 X C. & G.
Stewart Mine,
Park Co. Mont.
Falk Metals Corp.

Take up
Monday

DMA - 1693 X copper AR-52
Falk Metals Corporation
Glengary mine
Park County, Montana

6-6-51 Date of application for exploration assistance
6-8-51 Date of application for access road
6-21-51 Application for exploration assistance received $40,675.00
6-22-51 Application for access road received
6-21-51 access road application sent to Weissenborn with note should be included with exploration project
8-9-51 Review of application sent to field.
8-9-51 Falk Metals Corp. notified application sent to field team for examination
8-31-51 Field Team report by J.J. Quinlan, U.S.G.S. recommendation both access road and exploration assistance be denied.
9-7-51 Memo from Field Team transmittal of Field Team Report
9-20-51 see following Apparently Falk Metals were notified
8-30-51 Letter from C.H. Peterson, Secretary, Falk Metals Corp. to M.E. Volin in which he states money should be given his company for exploration without any justification.
9-1-51 Letter from C.H. Peterson to Stanley Walker, Housing and Utilities Branch, DMA thanking for courtesies re access road.
9-1-51 Letter from C.H. Peterson to Weissenborn calling it to Weissenborn attention that Congress put the money up to develop & explore for minerals and that the results obtained

though Denver were good but he was not satisfied with those from Weissborn. States they were planning on doing diamond drilling

9-1-51 Letter from Peterson to Gowan enclosing copy of above letter

9-6-51 Letter from Peterson to Stanley Walker mentioning manganese deal in Colorado. Then back to subject docket putting pressure on Gowan. First mention of two drill holes reporting 45 feet solid ~~ore~~ in one hole and 55 feet in the other. No assays or description of mineralization given.

9-6-51 Letter from Peterson to Gowan Still putting on pressure. Mentioning above drill holes but no results given

9-20-51 Letter from Walker to Peterson in which mention is made of receipt of Field Team Report by Washington. Recommendation for denial. Walker stated both he & Gowan did not concur with recommendation of field team.

9-22-51 Letter ~~from~~ to Peterson ~~from~~ Weissborn giving justification for denial. Made statement that if new data available to submit new application giving definite plan of proposed exploration.

9-27-51 Letter from Peterson to Weissborn. More pressure but no data.

9-28-51 Letter from Peterson to Gowan - More pressure, mention of drill holes but no definite results.

3-11-52 Letter to Weissenborn asking status of docket.

9/20/51 - Letter from Stanley Walker acting chief Housing & Utilities Branch to Peterson informing this applicant that Lu & Sawyer do not concur in the report of the field team.

James Douglas, Director, Production Expansion Division, DMPA

George B. Holderer, Chief, Ferro-Alloys Branch

Falk Metals Corporation — DMA-1693

Regarding letter of subject company, dated November 20, 1951, to Otto Klein, I am in complete accord with him in his reply to John Ford of November 21.

I have had dealings with this company under the name of U. S. Oil and Development Corporation dating back as far as April. They were in personally on ~~two occasions, in April and~~ July, and indulged in some very big talk on wanting big loans for lead, zinc, copper, manganese, and tungsten, all on the same property or in the same area. We suggested they send in an exploration application but, to date, no application of any kind has ever been received by this office. Jack East had an examination made at our request and ~~due to~~ some political pressure, found nothing on their property. The trenches that supposedly were cut had been filled in again.

Petersen was in last week demanding a $250,000 loan against manganese and also demanding a purchase depot. He was rather wild in his statements as well as wild in behavior. I called up Allsman in Denver while Petersen was sitting at my desk, and Allsman said that nothing further had been developed and that their whole scheme seemed to be promotional.

George B. Holderer

George B. Holderer
Chief, Ferro-Alloys Branch

not stamped in cc

Attachment

Approved:

Director, Program Development Division

Manganese deal in Colorado

GBHolderer:dgs
Dec 29, 1951
CC: DMPA Files
Mr. Feiss
Mr. Young
Mr. Lyon
Mr. Holderer
Mr. Douglas

FILE COPY
SURNAME: 400

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

F.E. Johnson

NOV 7 1951

Mr. John G. Ford
Room 5133
General Services Administration
Washington 25, D. C.

Re: DMA-1693X
Falk Metals Corporation
Manganese

Dear Mr. Ford:

In reply to your letter of October 31, 1951 in which you request the status of the subject company's correspondence, you are advised that Mr. Peterson, Secretary of the company, visited the office of the Manganese Branch, Supply Division, of DMA and was furnished with all the necessary forms and instructions to file an application for exploration contract covering work on a manganese property located in Gunnison County, Colorado.

No application has been received, but the original and four copies of the Landlord's Subordination Agreement, which are used only in connection with exploration contracts, were mailed to Mr. Gumbel of GSA.

Until this agency receives the necessary application, no Field Team examination of the property can be made. Since the offices of the Falk Metals Corporation are located in Denver, Colorado, any application for DMA assistance could be filed at the local DMA offices just as well as here. Mr. Peterson has already had contact with a representative from the Denver DMA office in connection with a copper property located in Montana, with unfavorable results, therefore he may be reluctant to have the manganese deposit examined by the Denver Office.

I am advised by Mr. Crittenden, of USGS, that the manganese property which the subject corporation has leased was examined by the USGS during World War II and it was reported that 2500 tons of a low-grade material containing 15-20% Mn was in sight.

You understand that no consideration could be given to any low-grade manganese deposit which would require chemical treatment in order to produce a merchantable product, unless substantial reserves of material were proven, and even then it would be necessary to spend several hundred thousand dollars in research and pilot plant work before such deposit could be evaluated.

PBBlakemore/jem/fw/meh
11/7/51
cc to: Admr Reading File
Reports and Records
PED
Mr. Blakemore
Docket

Sincerely yours,

(signed) FRANK E. JOHNSON (fw)

Acting Director
Production Expansion Division

B7
11-9

1693

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

So. 157 Howard Street
Spokane 4, Washington

October 22, 1951

Air Mail

Mr. Carl H. Peterson
Suite 205-11-16 Mercantile Bldg.
Denver 2, Colorado

Dear Mr. Peterson:

Your letter to me regarding the Glengary mine was awaiting me on my return from Washington, D. C.

I feel that we were quite justified in making an unfavorable recommendation concerning the Glengary property on the basis of the information that could be obtained at the time of our examination of the property. However, we are always willing to reconsider a decision if new information is made available. On the basis of your statement that two drill holes put down by you subsequent to our examination have penetrated interesting showings of ore, we will be glad to reconsider the Glengary application for exploration assistance. Regardless of your statements in your letter to me, this office is very much concerned in seeing that mining exploration is stimulated in the Northwest. Our record of 32 active DMA exploration contracts in our area--or nearly one-third the total number of contracts for the entire United States--is a pretty good indication that our attitude with respect to exploration has not been entirely negative.

If you will submit a map of your property showing the location of the holes you have drilled, together with other data which you may have to support your proposal, and also indicate clearly the exploration you propose to undertake, as well as a breakdown of the cost involved, equipment required, etc., we will reconsider the application. The data concerning your proposed program probably can best be resubmitted on Form MF-103 and attached sheets. It will not be necessary to answer all the questions in Form MF-103 inasmuch as you have previously submitted a similar form, but it is essential that you give complete details concerning your proposed exploration. One of the difficulties with your earlier application was that you did not specifically describe the work you proposed to do.

If you believe a field conference would be desirable, we would be glad to arrange to have a representative from this office meet you at the Glengary mine; we will leave to your judgment as to whether any useful purpose can be served by another visit to the property in

view of the probable weather conditions. If you can submit sufficient data to justify your proposed exploration, it is possible that a decision could be reached without further field investigation.

Sincerely yours,

A. E. Weissenborn
Executive Officer, DMA
Field Team, Region II

Enclosures

cc: Stanley Walker
J. B. Gowan

PHONE ACOMA 4324

DEFENSE MINERALS
ADMINISTRATION
WASHINGTON, D. C.
OCT 1 2 09 PM '51

FALK METALS CORPORATION
PRODUCERS OF COPPER, LEAD AND ZINC
MERCANTILE BUILDING
1031 FIFTEENTH STREET
DENVER 2, COLORADO

September 28 1951

Pm A-16934

Mr. J. B. Gowen
Room 2612
New Interior Building
Washington 25, D.C.

Dear Mr. Gowen:

I am enclosing herewith copy of letter to Mr. Weissenborn which probably expresses my sentiments too bluntly but I want you to know that my son-in-law Capt. R. C. Brown, Mr. Falk and myself appreciate immensely the courtesies and interest you extended us but we are not going to rest this case. I want to assure you, that whoever we go to, even if we have to take it up with the Congressional Delegation of Montana, I shall see that the courtesies you extended us will always be respected.

I have had another letter from Washington which informs me that you are disagreeing with the field office which, needless to tell you, I appreciate very much.

I am enclosing copy of assay report on two holes number s 2 and 3 which is next to 480 feet shaft and we know the same ore body was at the bottom of that shaft. — Not attached

We had an ore shoot at Silverton that was not any better in dollars and cents and only 347 feet high between second and third levels but it brought us a gross of $800,000 in lead and zinc and I think this one will bring in just as much, if not more, from the bottom of the shaft to the top. I think when you read copy of my letter to Weissenborn may be it is not as blunt as it should be.

I have to come to Washington again in about three weeks as we are commencing stockpiling manganese at Gunnison, Colorado and that department is working too slow and it is for that reason I have to come to Washington and I will drop in and see you and your nice office staff.

Very truly yours,

FALK METALS CORPORATION

By Carl H. Peterson
Carl H. Peterson, Secretary

CHP:w

September 27 1951

Mr. A. E. Weissenborn
Executive Office, DMA
Field Team, Region II
U.S. Department of Interior
South 157 Howard Street
Spokane 4, Washington

Dear Mr. Weissenborn:

On my return to the office this morning your letter of September 7thwas awaiting me and the contents was exactly what I expected. Anyway for your information I am sending you copy of assay reports of two holes drilled next to the shaft which is 480 feet from the surfact and as one of these holes shows 40 feet of ore from the surfact I should think that, if there is such a thing as exploration money available to help a miner to prove his ore body, it should be available and I s till think that Congress intended it regardless of what your opinion of the kids in the field are.

After all, as you know, in this case we used our own money in exploring and I shall await your decision on this matter before we take it up further through the right channels in Washington, although I am reasonably sure you are not going to do anything for us, we are at leastngoing to have the satisfaction of knowing what this money was appropriated for by Congress.

Very truly yours,

U.S. OIL & DEVELOPMENT CORPORATION

By_____
Carl H. Peterson, Secretary

CHP:w

GSA FORM 14
1-25-50

GENERAL SERVICES ADMINISTRATION

# ROUTING SLIP

| TO NAME | BUILDING, ROOM NUMBER, ETC. |
|---|---|
| 1. Mrs. Mittendorf | 4640 Interior |
| 2. | |
| 3. | |
| 4. | |
| 5. | |

FOR

- [ ] APPROVAL
- [ ] AS REQUESTED
- [ ] CORRECTION
- [ ] FILING
- [ ] FULL REPORT
- [ ] HANDLE DIRECTLY
- [ ] PREPARE REPLY FOR SIGNATURE OF: _____
- [ ] IMMEDIATE ACTION
- [ ] INITIALS
- [ ] NECESSARY ACTION
- [ ] NOTE AND RETURN
- [ ] READ AND DESTROY
- [ ] _____
- [ ] RECOMMENDATION
- [ ] SEE ME
- [ ] SIGNATURE
- [ ] YOUR COMMENT
- [ ] YOUR INFORMATION
- [ ] _____

ANSWER OR ACKNOWLEDGE BEFORE _____

FROM J. Gunnell

DATE 10/10/57

REMARKS

GPO—O—GSA 283 51-3164

September 27, 1951

MEMORANDUM

To: Dr. W. C. Schroeder, Acting Administrator
Defense Minerals Administration

From: P. H. Royster, Assistant to the
Chief Metallurgist

Subject: Falk Metals Corporation Manganese Project

In a letter dated September 6, 1951, Irving Gumbel of General Services Administration requested a review of the "apparent cost of operation" of the manganese project presented by Falk Metals Corporation on September 3, 1951

Little specific information appears in the papers submitted to permit a technical or economic analysis of the proposed operation. A chemical leaching process is being contemplated, although a flow-sheet and quantitative description is lacking. The capacity of the leaching plant is not recited. In a letter to Carl Peterson, Secretary of Falk Metals, dated September 2, 1951, signed by A. T. Sweet, the cost of the plant is given as "about $2200 per daily ton." Combining this statement with the estimated cost of the leaching plant, given as $75,000 in the letter from Mr. Peterson to Mr. Gumbel, dated September 3, 1951, the "calculated" capacity of the plant is $75,000 divided by $2200 or 34 tons per day. Whether this means tons of feed or tons of product is not stated.

The manganese content of the ore fed to the leaching plant also is not stated. In a report from Rocky Mountain Research, Inc., dated November 8, 1951, it is stated that ores containing as little as 15% $MnO_2$ are to be treated. This corresponds to a manganese content of 9.5%. In a report to Mr. Peterson from Mr. Sweet, dated September 2, 1951, ores running from 15% to 35% manganese are used for illustrating the method of cost computation. It is difficult to understand how anyone would be able to estimate the cost of a plant of undescribed capacity involving a series of undescribed reactions with undescribed apparatus.

The process "suggested" in the brochure submitted by Falk Metals, including the computations made by Mr. Sweet and the report from Rocky Mountain Research, is the ammonium sulfate leaching of manganese ores. This is a process which was studied by Mr. Sweet during World War II and is an extension of the ammonium sulfate process as applied to the production of alumina. It was investigated by this Bureau during the last war. The results of that investigation are available to Mr. Sweet although they have not been published. Insufficient information was gained to permit one to compute either the cost of plant installation or its operating costs. This statement appears in the Rocky Mountain Research report: "The work of A. J. Sweet, Jr., which was substantiated by laboratory work performed at Rocky Mountain Research, Inc., has shown" that recoveries of manganese averaging 86% could be realized.

Falk Metals would be wise to submit copies of such data as were obtained in this research in order that a definite picture of their proposed procedure may be available for study. In absence of such data, there is no way in which a review of the cost computations can be made.

P. H. Royster

P. H. Royster

PHRoyster:nbryan

Copy to: W. O. Files
Mr. Gumbel, DMA
Mr. Ridgway
Mr. Royster

FILE COPY
SURNAME:

530

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

September 20, 1951

Q.E.R.

Mr. Carl H. Peterson, Secretary
Falk Metals Corporation
201 Mercantile Building
1031 Fifteenth Street
Denver 2, Colorado

Dear Mr. Peterson:

I have just received the field report covering the Glengary Mine, Park County, Montana. This report was made by Mr. J. J. Quinlan. As you probably know by this time, the report was negative with the recommendation that both the access road and the exploration project be denied.

I have discussed this report with Mr. Gowan of the Copper Branch, Supply Division, Defense Minerals Administration, and neither Mr. Gowan nor I concur in the findings of the report and you will no doubt hear from Mr. Gowan expressing his suggestions.

The statement is made in the report that the present road is sufficient for exploration; however, your recent letter to me states that you have acquired a mill and will need a road to transport the ore from the mine to the mill. It would appear that this haulage problem is entirely removed from any contemplated exploration work; in other words, if you acquire the 200-ton mill and revamp it for production, and if you are ready to transport ore to the mill with reasonable assurance that these shipments will continue, then a road to assist in this work will be in order.

Please advise me when the above proposals have been completed and I will do what I can at that time to get you the road in question.

The Congress has still not appropriated any access road funds and it begins to look doubtful that they will do so this fall.

Best regards.

Sincerely yours,

SIGNED BJ 9/25

Stanley M. Walker
Acting Chief
Housing and Utilities Branch

SMWalker:ik
Copies: Admin Reading File
Reports & Records
Mr. Gowan, Copper Br.
Mr. Weissenborn, Reg.II
Speaker
Walker

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
So. 157 Howard Street
Spokane 4, Washington

September 12, 1951

Mr. J. B. Gowan, Chief
Copper Branch
Defense Minerals Administration
Department of Interior
Washington 25, D. C.

Dear Mr. Gowan:

The enclosed memorandum re the Falk Metals Corporation, Glengary mine, Docket DMA 1693X and AR 52 should have been mailed last week but was found in another file where it had been misplaced. To save time, I am sending it direct to you rather than through Tom Lyon.

The letter to Mr. Peterson mentioned in the Field Team covering memo will follow.

We regret the delay.

Sincerely yours,

A. E. Weissenborn

A. E. Weissenborn
Executive Officer, DMA
Field Team, Region II

Enclosure

SE MINERALS
NISTRATION
SHINGTON, D.C.
8 36 AM '51

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
So. 157 Howard Street
Spokane 4, Washington

September 7, 1951

SEP 17 8 36 AM '51
DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C.

Memorandum

To: Tom Lyon, Chairman, Coordinating Committee

From: Field Team, Region II

Subject: Falk Metals Corporation, Glengary mine, Park County, Montana, Docket DMA-1693X and AR-52.

Attached is a memorandum from J. S. Quinlan, U.S.G.S., on the subject docket. Also included is the original docket material.

Quinlan concludes that:

(1) The Glengary mine is primarily a gold prospect and its production record has never been impressive.

(2) The exploration proposed is not clearly stated but as far as can be determined will essentially duplicate exploration performed some years ago by Newmont Mining Corporation. The results of this exploration are not known but presumably the work was not sufficiently encouraging for Newmont to take up the option which it had on the property.

Quinlan also concludes that an access road is not required at the time as the existing road will adequately serve the present needs of the property. Should the mine start producing, an improved road would be required for economical operation. The mine, however, would still remain essentially a gold mine from which a minor production of copper might be recovered as a by-product.

The Field Team concurs with Quinlan's conclusion and recommends denial of both applications unless the applicant can demonstrate that:

(1) The property has possibilities of producing a significant amount of copper,

(2) Describes more clearly the exploration proposed and,

(3) Shows that this will explore a different block of ground than was previously explored by the Newmont Mining Corporation.

A copy of a letter from Mr. Carl H. Peterson, Secretary of the Company, is attached together with a carbon of my reply.

By Field Team, Region II

A. E. Weissenborn

A. E. Weissenborn, Exec. Officer
(U. S. Geological Survey)

M. E. Volin

M. E. Volin, Member
(U. S. Bureau of Mines)

Enclosure

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

So. 157 Howard Street
Spokane 4, Washington

September 7, 1951

Memorandum

To: Tom Lyon, Chairman, Coordinating Committee

From: Field Team, Region II

Subject: Falk Metals Corporation, Glengary mine, Park County, Montana, Docket DMA-1693X and AR-52.

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(3) Shows that this will explore a different block of ground than was previously explored by the Newmont Mining Corporation.

A copy of a letter from Mr. Carl E. Peterson, Secretary of the Company, is attached together with a carbon of my reply.

By Field Team, Region II

[illegible] Geologist, [illegible] Officer
(U. S. [illegible] Geological Survey)

[illegible], Voting Member
(U. S. Bureau of Mines)

Attachment
ATV/bh

cc: U.S.B.M., Spokane
U.S.B.M., Albany

DEPARTMENT OF THE INTERIOR
MINERALS
LOCATION
WASH, D.C.
SEP 37 AM '51

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

So. 157 Howard Street
Spokane 4, Washington

August 31, 1951

Memorandum

To: A. E. Weissenborn, Executive Officer,
DMA Field Team, Region II

From: J. J. Quinlan, Geologist, U.S.G.S.

Subject: Falk Metals Corporation, Glengary Mine, Park County, Montana
DMA Dockets 1693X, AR-52

RECOMMENDATIONS

The DMA field examiner recommends that the access road application and the exploration loan application of the Falk Metals Corporation on the Glengary mine, Park County, Montana be denied.

The present access road to the Glengary mine is adequate to serve the needs of the property.

The Glengary mine is primarily a gold prospect from which a minor amount of copper might be produced. Considering the amount of previous exploration work and the production record of the mine, it is a very unattractive prospect at best.

Newmont Mining Corporation diamond drilled and test pitted the proposed exploration area of the applicant in 1938. The data obtained by Newmont are not available to this office. However, the Newmont Corporation did not take up its option on the property upon completion of the exploration program. Exploration program proposed by the applicant is similar to the exploration program completed by the Newmont Corporation in 1938.

APPLICANT

The applicant is the Falk Metals Corporation, a Colorado Corporation, Mercantile Building, 1031 - 15th Street, Denver 2, Colorado. The officers of the corporation are Walter A. Falk, President, Robert C. Brown, Vice President, Carl H. Peterson, Secretary, Robert C. Brown, Treasurer all of Denver, Colorado.

The proposed exploration project of the applicant is to be performed on the Glengary property, Park County, Montana.

OWNERSHIP

The Falk Metals Corporation right, title, and interest in the Glengary mine is held by assignment from Walter A. Falk, Vendee, of a

Conditional Sales Contract with the Cooke City Mining Company, Vendor, a Montana Corporation, and owner of the Glengary mine. A copy of the assignment, and contract accompany the applicant's Form MF-103.

## LOCATION AND ACCESS

The Glengary mine is approximately five miles north of Cooke City, Park County, Montana near the headwaters of the Clark Fork of the Yellowstone River at an elevation of 9,800 feet. Because of the heavy snowfall during the winter the property can be operated only for about four months a year.

The property is comprised of fourteen patented mining claims, Katie No. 7326, K & K No. 9170, Spalding No. 9170, Maggie No. 9170, Lizzie No. 9170, Jennie V. No. 9170. West Portland No. 9170, East Portland No. 9170, Portland No. 4 No. 9170, Portland Fraction No. 9170, Contract No. 9974, Lulu No. 9974, (Pauline) Agnes M. No. 9195, Lulu extension No. 10284, and one unpatented mining claim, the Jane in sec. 11, T. 9 S., R. 14 E., M.P.M., New World (unorganized) mining district, Park County, Montana. The applicant's proposed exploration is to be conducted on the Lulu No. 9974, Contract No. 9974, Lulu extension No. 10284, Katie No. 7326.

There is a question of ownership of the Jane claim, as the claim has been jumped by Gordon E. Anderson.

## HISTORY AND PAST PRODUCTION

There are many conflicting reports concerning the history of the property. The application contains as an exhibit, extracts from a report on the Glengary and Scotch Bonnet Mines located in the New World Mining District, Park County, Montana, by Gordon E. Anderson. In this report Mr. Anderson states "The history of the Scotch Bonnet and Glengary workings up to 1933 shows that a considerable tonnage of a good grade of mill feed had been determined by surface and underground development...The Glengary Mining Company by 1933 was underfinanced and went broke after they completed the 2300 feet main haulage tunnel and raised over 300 feet to the surface....Then the Glengary Mining Company was thrown into litigation and all development and mining was forced to stop....This litigation was finally settled in the San Francisco Court of Appeals in 1945 in favor of the Cooke Mining Company."

Lovering 1/ reports that the 2300 foot main haulage tunnel which Mr. Anderson states contributed to the breaking of the company in 1933 was completed in 1925.

1/ Lovering, T.S., The New World or Cooke City Mining District, Park County, Montana, U.S.G.S. Bull. 811, p. 65, 1929.

A map obtained from the McLaren Gold Mines Company shows that the Glengary Mine was diamond drilled and test pitted in the area of the applicant's proposed exploration. The management of the McLaren Company reported that this work was done in 1939 by the Newmont Mining Corporation, when Newmont held an option on the Glengary and McLaren properties. It is unlikely that the Newmont Mining Corporation would have taken an option and undertaken an exploration program on the property if it was in litigation during this period as reported by Gordon Anderson.

Glenn C. Reed 2/ reports the property was explored and developed during the period 1920-1926; and has been idle since 1927.

A check of the assay office revealed the pulps of a hundred or more samples assayed in 1933, each in a small envelope and tagged as to location of sample cut and assay value in gold and silver. Most of the samples were from the 18 foot level.

At the time of the DMA examination the applicant could furnish little information concerning the history and past production of the mine other than the information contained in Gordon Anderson's report.

## APPLICANT'S PROPOSAL

The applicant's proposed exploration program as set forth in Form MF-103 is very indefinite. At the time of the DMA examination I attempted to have the applicant delineate a definite exploration program without success.

The applicant proposes to cut an indefinite number of trenches and drill an indefinite number of diamond drill holes on the Lulu No. 9974 claim and the Contract No. 9974 claim to explore the possibilities of commercial ore in the lower Gros Ventre shales. The applicant also proposes to rehabilitate many of the old mine workings.

The applicant proposes to trench and diamond drill the same area drilled and test pitted by the Newmont Mining Corporation in 1939. (See map for location of Newmont Drill Holes and test pits).

## GEOLOGY

A roof pendant of sedimentary beds occupies a considerable area in the vicinity of the Glengary mine. The roof pendant is a remnant of beds of Cambrian Age (Flathead quartzite, Gros Ventre shale and limestone, Gallatin shale and limestone), remaining after the intrusian of a monzonite porphyry stock in Tertiary time. The sedimentry beds are cut by numerous dikes and sills related to the Tertiary monzonite intrusion. (See Geologic Map).

2/ Reed, G. C., Mine and Minerals Deposits (Except Fuels), Park County, Montana, U.S.B.M. I.C. 7546, 1946.

The deposit is reported by Lovering to be of probable contact-metamorphic origin in which a bed well down in the Gros Ventre formation has been strongly silicified, heavily pyritized and impregnated with moderate amounts of chalcopyrite and some gold.

At the time of the DMA examination (July 1951) the underground workings were inaccessible and most of the surface pits and trenches sloughed. The applicant cleaned out one trench 30 to 70 feet from the monzonite porphyry-sediment contact and a few feet from a quartz monzonite dike exposing high grade copper-gold ore. (See geologic map). The high grade ore is exposed in the bottom of the trench and for this reason it is difficult to see the exact nature of the body. It is apparently a small lenticular body of chalcopyrite, pyrite, bornite, and chalcocite in a strongly silicified, heavily pyritized, limy shale bed of the lower Gros Ventre formation. A grab sample of the high grade assayed 1.410 ounces gold, 10.6 ounces silver, and 24.09 percent copper. A three foot cut sample acrosssthe exposed portion of the heavily pyritized bed in the West wall of the pit above the high grade showing assayed 0.05 ounces gold, 0.6 ounces silver and 0.5 percent copper.

## MILL

There is a 35 ton flotation mill on the property. The mill is in need of repair.

A small stockpile of concentrates, less than one ton, was piled in one corner of the mill. The concentrates contained mostly pyrite, no copper minerals were noted.

## ACCESS ROAD APPLICATION

The applicant submitted an access road application, AR-52, to repair and improve two roads to the Glengary mine. The reason stated by the applicant for wanting two roads to the property is that he expects to mine ore on both sides of Lulu Pass,,and it would be impractical to haul a heavy load up either side of the pass and down the other.

The applicant requests that 5 to 5½ miles of road on the west side of Henderson Mountain and Red Mountain be repaired and improved from Cooke City to the Glengary mine. This road is in good repair from Cooke City to the McLaren pit approximately one mile from the Glengary mine, as the McLaren Company is using this road to haul ore from the pit to their mill at Cooke City. The last mile of road from the McLaren pit to the Glengary mine is adequate to haul any supplies needed for an exploration program on the Glengary property.

3/ Lovering, T.S., New World on Cooke City Mining District, Park County, Montana, U.S.G.S. Bull. 811 p. 67, 1929.

The applicant requests that five miles of road from U.S. Highway 12 up the Clark Fork of the Yellowstone River to the Glengary mine be repaired and improved. The last $2\frac{1}{2}$ miles of this road is the only part that needs repair and improvements. If the Glengary mine were producing, this road would be the most practical access road to the property. However, the other road is adequate to serve the present needs of the Glengary mine; the repair and improvement of this road would be an unjustifiable expense at this time.

Dma 1693X

1951

PHONE ACOMA 4324

# FALK METALS CORPORATION

PRODUCERS OF COPPER, LEAD AND ZINC
MERCANTILE BUILDING
1031 FIFTEENTH STREET
DENVER 2, COLORADO

September 6 1951

Mr. J. B. Gowan
2612 New Interior Building
Washington 25, D.C.

Dear Mr. Gowan:

As I don't know your title I will have to address you by your God given name, I trust you will pardon me for that.

First, I want to thank you very kindly for the patient manner in which you caught up with Mr. Brown, Mr. Falk and myself, and we assure you we appreciate you going out of your way to help us, but we also appreciate the fact that you are helpless until you can get some help from the field, which at the present time seems to be nil.

I have written Mr. Walker of the U.S. Bureau of Roads and as there is nothing personal in it I am sending you a copy, as it saves me and my secretary time to repeat what I have already said to Mr. Walker, except that I want to emphasize our drilling program will be completed tomorrow night and the two holes I have referred to in Mr. Walker's letter with a 45 and 55 foot ore body which was located out on the flank and it was gratifying to get this information, when I got back here, expresses our attitude very mildly.

I can't understand in the name of God why we can't get any help and service on the application when we are getting assistance 100% in all other operations from the government field offices.

Isn't there something you can do if you have to stick your neck out, as the saying goes in Washington, to assist in getting Mr. Walker enough information so that he could start the road program and finish it this fall because after all there is something wrong somewhere, and if there was not something wrong this last executive order of August 28th 1951 would not have created the Defense Minerals Procurement Administration if they had been satisfied with the DMA. I am counting on you to do your utmost to help us get that road in Cooke this fall.

Again assuring you of our appreciation for what you have done to help us, I remain

Very truly yours,

FALK METALS CORPORATION

By Carl H. Peterson

Carl H. Peterson, Secretary

I will try and get you some drill hole samples from Butte next week
C H P

AIRMAIL SPECIAL
DELIVERY

September 6 1951

Mr. Stanley Walker, Executive Officer
U.S. Bureau of Roads
2405 New Interior Building
Washington 25, D.C.

Dear Mr. Walker:

I stopped in on my way to the airport, yesterday afternoon, to have another chat with you, but I found you were out and, as the taxi was waiting, I didn't have time to wait for you, so I left our last letter to Mr. Gunbol and I see it is undated, so will you please put the date September 4th on it because the other one dated September 3rd had a proposition where we asked for loans for both the washing and leaching plant, whereas if they advance half of the value of the ore at the stock pile we will then assume the financial responsibility for the washing plant at the mine and the mill at the stockpile.

As soon as I got up this morning I called Mr. Sweet of the Bureau of Mines and he said he talked to Mr. Gunboll, yesterday, and told him to hold everything as Mr. DeSellar is preparing a much more comprehensive report that will be so much more in detail; not only on our property but adjacent property, and Mr. Sweet said he was sure that when Mr. Gunbol gets that he will need no other information and asked him to do everything in his power to get this thing across as soon as possible, which I thought was very, very nice of Mr. Sweet. I received a letter from a party at Albuquerque, New Mexico that spoke so nicely of Mr. Sweet that I thought I would send you a copy of it for your files.

Although I have not been able to get hold of Mr. Davis, who is in charge of our operation at Gunnison, but I will try again tonight, but I am reasonably sure we will start moving ore to Almont tomorrow, September 7th, so if you can send a surveyor out to start surveying the new road it will be very much appreciated. I am enclosing a draft of where the road should be, which was drawn by our Mr. Green with the assistance of Mr. Davis.

Now for the Cache Deal. This burns me up. I stopped in to see Mr. Gowan and he told me that he had gotten through to Spokane but that Mr. Weisscoborn was not back, so he talked to another man and he told Mr. Gowan that we had a gold mine, not a copper mine. So I told him Yes we have a gold mine because the samples we took when Mr. Quinlan was there, which was channeled on top of one ore body, that we opened at Quinlan's request 10 feet 10 inches and it averaged in Mr. Sweet's laboratory 0% copper but if we only had 3% or 4% copper wouldn't that be enough for them to take a little interest in us. Mr. Gowan said

the Spokane office had not received the report from Mr. Quinlan and this is three weeks since we were there. Frankly I don't know what to do. We don't want to cause any trouble because you can always get more by being nice; on the other hand it is easy to throw a monkey wrench in the other fellow's machinery.

Upon my return here to the office our auditor, Mr. Green informed me that Mr. White, our assistant superintendent, telephoned yesterday and said they would be through drilling today and the last two holes to drill, in what we thought were the outskirts, showed solid ore body of 40 feet in one hole and 55 feet in the other. I am trying to get hold of Mr. Ost at Butte, who will be our superintendent (all this diamond drilling is done under his supervision although he is still with the Anaconda Company and because of the strike we do not want to take him away until, at least, the strike is over, but he is taking all the samples to Butte to run ) to see if I can get results from the first 60 samples that he took in with him and I will ask him to send that to you in Washington direct; also to Mr. Cowan's office. I am going to ask John Ost to call Mr. Wolfenbarn at Spokane and give him, at least, the partial results because I want to ascertain what in the world is the interpretation of the RFC program's money because I want to know for sure if we are to prove the ore body with our own money or if Congress intended that the government would help the minor to the extent of loaning them this money on a 50-50 basis which is not too generous to prove the ore body.

If there is some way that you can start surveying the road up there, needless to say that would be appreciated.

As there is nothing personal in this letter I am sending a copy to Mr. Cowan's office so this will save me time as I am leaving for Sulsa by plane tomorrow afternoon and I would like to get this under way before I leave for I will not be back in the office until next Wednesday.

Assuring you we all appreciate your kindness and splendid effort you have made in our behalf, I remain

Very truly yours,

BOOK MINES CORPORATION

By _____
Carl H. Peterson, Secretary

CHP:w
cc: J.A. Cowan

16938

FALK METALS CORPORATION
210 Mercantile Building
Denver, Colorado

September 1, 1951

Mr. J. B. Gowen
Room 2612
New Interior Building
Washington 25, D. C.

Dear Mr. Gowen:

I am herewith enclosing a copy of a letter I have written to Mr. Weisenborn in which I have covered most everything that should be covered including my feeling.

Hoping that you can get this jarred loose for us immediately, and assuring you that everyone, including Mr. Brown, Mr. Falk and myself, appreciate immensley the courtesy that you have extended us while in Washington, I am,

Very truly yours,

FALK METALS CORPORATION

Carl H. Peterson

Carl H. Peterson
Secretary

P.S. Will see you before I leave
CHP

FALK METALS CORPORATION
210 Mercantile Building
Denver, Colorado

September 1, 1951

Mr. A. E. Weisenborn
Executive Officer
D.M.A. Field Team
South 157 Howard Street
Spokane, Washington

Subject: D.M.A. 1693X
Kneess Road AR 52

Dear Mr. Weisenborn:

I have been here in Washington several days to ascertain if anything could be done to get the red tape unsnarled as this emergency program in some parts of the country seems to be working on a snail's pace rather than the speed which it should have according to our emergency, so I thought something could be done to help us get the development going and the road application for and to the Glengary property to some sort of conclusion.

In filing this application sometime ago, we thought there may be some possibility to get some help under D.M.A. to open up this large mine as an open pit operation, but up to this particular time, as you know, we haven't gotten anywhere although every miner knew that the money was appropriated by Congress to help develop the property to the extent of determining the value of the ore bodies and the money was not made available by Congress for the miners strictly for the purpose of getting strategic minerals opened up produced to help in this emergency and I believe it was the intent of Congress to be liberal enough to help the average individual to really explore and find the minerals.

In approving applications in Colorado by the Bureau of Mines, they have really followed the thought that Congress had in mind - at least that is the way we have found it in approving loans for us, because we got one loan approved on a mine that had been closed down since 1907 which we are now opening. However, this young engineer Quinlan had to see the ore in place although the McLaren open pit mine which joins ours and has been operating continuously since 1934 should have been proof enough, but we had to bring a caterpillar into Cook to show him the ore in place although it took quite an effort on our part to get it in. It only took 40 minutes work to open up the ore body into the solid sulphides which we thought were sufficient and which we feel should not have been necessary under the development program. Now here we are three weeks since this work was done and we haven't heard a word which is quite discouraging to say the least.

After Mr. Quinlan was through and we finished talking to him, we had a feeling with his limited experience, we couldn't get anywhere although we had fully expected to get some help diamond drilling and sampling this worthy deposit so we decided to go on our own and move in a Falling seismograph which is equipped with both rock bit and diamond bit. This job will be completed about the 10th of September and needless to tell you we were right in our analysis as we probably won't hear from your office until this work is completed.

Since Mr. Quinlan made his examination, we have made arrangements to purchase Rumano mill right below our properties. This is almost a new mill with 200 ton capacity and the title is now being checked by Judge Gibson at Livingston, Montana. I am merely mentioning these facts to you to see if you could "let me use the common language used by federal employees" stick your neck out enough to get this project approved from where we stand now and particularly the road work from our property to the Rumano mill as it is impossible for us to get the ore down from the top of the mountain until this four mile of road is overhauled. This however, entails about 1/4 mile of new road with about two switch-backs to get to the county road. If this can be done immediately, we can get the mill in operation this fall if we can get the ore down from the hill. If it can't be done immediately the snow will prevent the trucks from negotiating the roads. However, if this road could be completed this fall, we can open it ourselves in the spring and get started at least 60 days earlier than if the work has to be done in the spring.

We have exactly the same situation as McLaren. We can take any amount of ore off of the hill that is necessary in three months time to run the 200 ton mill for the full capacity for the balance of the year.

I will assure you that if you will give these applications immediate attention, you will find us no loafers and that you can chalk this up as a successful enterprise in the future and if you need positive reference on us, I will refer you to O. A. Burt, ore buyer for the International Smelting and Refining Company at Salt Lake and he will tell you that we were the largest shippers of lead and zinc crude ores from the state of Colorado to them from 1945 to July 1949.

Please - may we have action on this immediate.

Very truly yours,

FALKS METAL CORPORATION

Carl H. Peterson
Secretary

P.S. Please forward a copy of your reply to Walter A. Falk, % Harvard Club, Boston, Mass.

FALK METALS CORPORATION
210 Mercantile Building
Denver, Colorado

September 1, 1951

Mr. Stanley Walker
Executive Officer
U.S. Public Road
Room 2465
New Interior Building
Washington 25, D. C.

Dear Mr. Walker:

I want to thank you very kindly for the courtesy and efforts that you have extended in our behalf in trying to get the D.M.A. 1693X and Excess Road AR 52 expedited. I am herewith enclosing a copy of a letter that I have written to Mr. Weisenborn and also one written to Mr. Volin, both members of the D.M.A. field team, Region 2, Spokane, Washington, which are self-explanatory and fairly well expresses our feelings as to the services we have received to the D.M.A. Development Loan Section for Montana.

The letter to Mr. Volin, dated August 30th, was dictated by me quite a while before I left Denver, and should have gone out sooner but my secretary missed it on the wire recorder.

I wish to convey to you that we have never had this difficulty out of the Bureau of Mines in the Denver office. Those boys are really on their toes and have forgotten the words so commonly known among federal employees "I won't stick my neck out - let the other fellow do it", and I also want to thank you for the manner in which you have cooperated with the Denver office in getting our road program expedited in San Juan County.

I don't suppose there is anything else you can do about the Cook road matters because as I understand it you have already approved it, but it is held up until you get the green light from this so-called field team. But if the opportunity should present itself - please put a jab here and there.

Again assuring you of our appreciation, I am

Sincerely yours,

FALK METALS CORPORATION

Carl H. Peterson
Secretary

August 30, 1951

Mr. M. E. Volin, Member
DMA Field Team, Region II
1207 North Division
Spokane, Washington

Dear Mr. Volin:

Your Mr. Quinlan was at Cooke while we were there and at his suggestion we hired a bulldozer to open up a pit where he could sample the solid, but I do not know just how much Mr. Quinlan expected us to do but we opened up a cut about 11 feet wide by 100 feet but apparently he still thought this was not enough for him to approve some sort of a development loan. So we suggested to him that if he wants to reduce the loan from the original amount we applied for to $10,000, $12,000 or $15,000 on a match basis which we believe would take care of part of the core drilling, the trenching and the sampling providing that when the core drilling was done that he would immediately see to it that the road application would be approved and the road work done immediately.

However, we did not get the satisfaction that we expected from Mr. Quinlan. Apparently he is misconstruing the plan of the Congress, or the Defense Minerals Administration as to the program or the intent of the money to be advanced on a match basis to the mining industry.

As we understand this Defense Minerals Administration's money it is for the purpose of finding the minerals, not that the mine owner should be expected to do all the prospecting on his own. After the minerals are found we of the mining industry do not need any government help. Therefore, I believe that a different attitude should be taken and some of the red tape eliminated and get us a little help on this Cooke deal.

Under the circumstances, after analyzing the attitude of young Mr. Quinlan, we cannot afford to wait for the government so we are bringing up the equipment for core drilling and commencing on August 10, 1951.

We are operating mines in San Juan County, Colorado, and we were fortunate to receive loans from the government where most all of the red tape was eliminated, in fact, we had the first loan approved in Washington, although it came here with other loans and we were about the third to sign up. There was no field examination necessary and I don't see where it should be necessary in Montana when we are putting out half of the money and we have to put it up before the government puts up a dime. We have to put up all the money and then after six weeks time they match us with 50%.

Mr. M. E. Volin

August 30, 1951

Would you be kind enough to see if this red tape could not be eliminated and give us immediate service. If you wish any financial reference on us you can get that through the Central Bank & Trust Company, Denver, Colorado, but as Mr. Jack East, Regional Director of the U.S. Bureau of Mines here, said we are not worrying about U.S. Oil or Falk Metals Corporation because they are able to pay their own bills on whatever project they are working on. In any event the government does not put up a dollar until U.S. Oil or Falk Metals has spent their's first.

Thanking you in advance for anything you can do in order to expedite this matter, I remain

Sincerely yours,

FALK METALS CORPORATION

By _____
Carl H. Peterson, Secretary

AUG 10 1951

Falk Metals Corporation
Mercantile Building
1031 15th Street,
Denver, Colorado

Re: Docket No. DMA-[illegible]

Gentlemen:

This is to inform you that your application for aid for an exploration project has been referred to the field team for further study. You should hear shortly from Mr. A. M. Weissenborn, South 157 Howard Street, Spokane 8, Washington.

Very truly yours,

SIGNED

Tom Lyon, Director
Supply Division

JDGwenzies
8/9/51

Copy to: Executive Officer, DMA Field Team, Region II
Administrator's Reading File
Reports & Records Branch
Coordinating Committee
J. R. Gewen, 2612
Charles E. Johnson
D. MacLaren
Files - DMA Docket

FILE COPY
SURNAME:

Gowen
Merrill
Ron

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

AUG 10 1951

Walk Metals Corporation
Mercantile Building
1031 15th Street,
Denver, Colorado

Re: Docket No. DMA-1693X

A.E.C.

Gentlemen:

This is to inform you that your application for aid for an exploration project has been referred to the field team for further study. You should hear shortly from Mr. A. E. Weissenborn, South 157 Howard Street, Spokane 8, Washington.

Very truly yours,

SIGNED

Tom Lyon, Director
Supply Division

JBGwcm:es
8/9/51

Copy to: Executive Officer, DMA Field Team, Region II
Administrator's Reading File
Reports & Records Branch
Coordinating Committee
J. B. Gowen, 2612
Charles H. Johnson
D. MacLaren
Files - DMA Docket

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

Mr. A. E. Weissenborn
South 157 Howard Street
Spokane 8, Washington

AUG 10 1951

Dear Sir:

We attach "Review of Application for Exploration Assistance" on:

Docket No. DMA-1693X

Commodity Copper

Applicant Falk Metals Corporation, Mercantile Building, 1031 15th Street, Denver, Colorado

Please expedite the consideration of this application with particular reference to the points raised in the attached "Review."

Very truly yours,

Chairman
Coordinating Committee

For Bureau of Mines

For Geological Survey

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. DMA-1693X

Commodity Copper

Total Amount $40,675.00

Govt. Participation $20,337.50

1. Name and Address of Applicant Falk Metals Corp.

Mercantile Bldg, 1031-15th St, Denver, Colorado

2. Location of Property About 5 miles North & gently West of Cooke, Montana, in section 11, Township 9 South, Range 14 East, Park County

3. Mineral or metal Copper & gold Is it listed in Section 9 of MO-5?

yes If not, application will be rejected.

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good

b) Poor

c) None

d) Don't know—needs field examination ✓

e) Is there an alternative and favorable project?
(If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? yes
(question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached? ~~o~~ yes

Does the lease have sufficient time to run to cover a future productive period? ~~o~~ yes

*question numbers are those of MF-103

7. Are subordination agreements necessary? yes

a) MF-201? yes } not quite sure which of these applies to purchase contract

b) MF-202 ✓ yes

8. From the data presented, does the proposed project appear feasible from the point of view of:

a) Available manpower yes

b) Equipment and supplies yes
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* yes (seasonal ?)

d) Water (question 13)* yes

e) Power (question 13)* yes

Is a field check needed on any of these points? No

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* yes

Is a field check needed on this point? No

10. Exhibit A. (questions 21 and 22)*

a) Is the project adequately described? No

If not, are there sufficient data given so that you can describe the project? Only in general terms If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? No

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? yes

If not, what part of it is?

Is this part a worthwhile exploration project? _____

d) Are the cost estimates detailed? yes

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? yes If so, attach a draft.

e) Are the cost estimates reasonable? Supervision for 3 mos, is excessive for a 2 month labor estimate

f) Should more information be requested from applicant? yes

g) Is a field examination necessary to complete Exhibit A? _____

11. Exhibit B (question 23-d)*

a) Is it applicable? yes Not enough information available

b) If so, are sufficient data furnished? for lumber only If so, attach a draft.

c) Is a field check needed? yes

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable? yes, e + f only

b) Sufficient data? yes If so, attach a draft.

c) Are rents and charges reasonable? _____

d) Is a field check needed? _____

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data? yes

b) Is the schedule adequate for the work proposed? _____

c) Is the schedule excessive for the work proposed? _____

d) Are the proposed wages and salaries reasonable? rates are probably OK

e) Is a field check needed? _____

14. Exhibit E (question 23-c)*

a) Is it applicable? yes

b) Sufficient data? yes

c) Reasonable? yes

d) Field check needed? NO

15. In your judgment, can the proposed work be done in the proposed time? Don't Know - insufficient data as to proposed exploration

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? Check geologic probability and applicants estimates of labor, material, and supply costs - also time estimates, and have applicant submit a more detailed exploration program. If drilling is to be done, it should be contracted, and Applicant should obtain bids or estimates, from a reputable firm.

Reviewed by: DRMacharen

CEJohnson

MJGowen

Date 8/8/51



97692

DMA - 1693X

Exhibit A

| | |
|---|---|
| Labor | $ 6,400.00 |
| Supervision | 1,500.00 |
| Repairs to buildings | 500.00 |
| Construction (cost of lumber only) | 1,500.00 |
| Equipment to be purchased (including $2,500.00 freight) | 20,865.00 |
| Equipment to be rented | 7,680.00 |
| Supplies (powder, fuse, caps, boarding house | 2,230.00 |
| Total | $ 40,675.00 |

Exhibit B

| | |
|---|---|
| Construction - lumber only | $ 1,500.00 |

Exhibit C To be purchased

| | |
|---|---|
| 1 Diamond drill with rods and bits | $ 4,000.00 |
| 1 Engine for diamond drill | 1,000.00 |
| 1 Mucking Machine | 2,825.00 |
| 1 320 cu. ft. Compressor | 6,000.00 |
| 2 Jack hammers with legs | 1,240.00 |
| Hose, Tanks, fittings | 400.00 |
| 10 sets steel | 600.00 |
| 1000 ft 2in pipe | 400.00 |
| Small tools | 500.00 |
| 1 Jeep | 1,400.00 |
| Freight (estimated) | 2,500.00 |
| Total | $ 20,865.00 |

DMA-1693X

Exhibit C (cont)

| | | |
|---|---|---|
| To be purchased | Total | $ 20,865.00 |
| To be rented | | |
| 1 Bulldozer 480 hrs. @ $16.00/hr | | $ 7,680.00 |
| Exhibit C Total | | 28,545.00 |

Exhibit D

| | |
|---|---|
| Labor: 2 diamond drill operators @ $16/day for 60 days. | $ 1,920.00 |
| 2 miners @ $14/day for 60 days | 1,680.00 |
| 2 helpers (muckers?) @ $12/day for 60 days | 1,440.00 |
| 1 mechanic ~~and~~ helper @ $16/day for 60 days | 960.00 |
| 1 Cook @ $200/mo for 60 days | 400.00 |
| Total | $ 6,400.00 |
| Supervision: $500/mo for 3 mo | $ 1,500.00 |
| Exhibit D Total | $ 7,900.00 |

Exhibit E

| | |
|---|---|
| Repairs to Boarding house + Bunk house | $ 500.00 |

Proposal:

Applicant proposes to cut an indefinate number of trenches and drill an indefinate number of diamond drill holes - depth not stated -; to open a short tunnel and to recondition old workings.

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

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D. C.
SEP 17 8 38 AM '51

Mr. A. E. Weissenborn
South 157 Howard Street
Spokane 8, Washington

AUG 10 1951

Dear Sir:

We attach "Review of Application for Exploration Assistance" on:

Docket No. DMA 1693X

Commodity Copper

Applicant Falk Metals Corporation, Mercantile Building
1031 15th Street, Denver, Colorado

Please expedite the consideration of this application with particular reference to the points raised in the attached "Review."

Very truly yours,

Sam Lyon
Chairman
Coordinating Committee

For Bureau of Mines

For Geological Survey

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 1693X

Commodity COPPER

Total Amount ?

Govt. Participation 50%

1. Name and Address of Applicant FALK METALS CORP
MERCANTILE BUILDING, 1031 - 15TH ST. DENVER COLORADO

2. Location of Property SEC 11, T 9S, R 14E PARK COUNTY
MONTANA - 5 MILES N.W. OF COOK MONT.

3. Mineral or metal COPPER Is it listed in Section 9 of MO-5? YES

If not, application will be rejected.

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good

b) Poor

c) None

d) Don't know—needs field examination ✓

e) Is there an alternative and favorable project?
(If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? YES - OWNER
(question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached? —

Does the lease have sufficient time to run to cover a future

productive period? ~

*question numbers are those of MF-103

7. Are subordination agreements necessary? No

a) MF-201? —

b) MF-202 —

8. From the data presented, does the proposed project appear feasible from the point of view of:

a) Available manpower YES

b) Equipment and supplies To be purchased
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* No

d) Water (question 13)* YES

e) Power (question 13)* YES

Is a field check needed on any of these points? No

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* YES

Is a field check needed on this point? No

10. Exhibit A. (questions 21 and 22)*

a) Is the project adequately described? No

If not, are there sufficient data given so that you can describe the project? YES If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? No

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? YES

If not, what part of it is? —

Is this part a worthwhile exploration project? —

d) Are the cost estimates detailed? YES

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? YES If so, attach a draft.

e) Are the cost estimates reasonable? No

If we drill for under ground to high - surface to low. JACK HAMMERS & LEGS TO HIGH Y Compression to low

f) Should more information be requested from applicant? YES

g) Is a field examination necessary to complete Exhibit A? YES

11. Exhibit B (question 23-d)*

a) Is it applicable? YES

b) If so, are sufficient data furnished? No If so, attach a draft.

c) Is a field check needed? YES

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable? g not applicable 1 of one

b) Sufficient data? YES If so, attach a draft.

c) Are rents and charges reasonable? No - PAT TO HIGH

d) Is a field check needed? YES

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data? YES

b) Is the schedule adequate for the work proposed? hidden Fort Lewis project well enough to answer

c) Is the schedule excessive for the work proposed? SAME

d) Are the proposed wages and salaries reasonable? Superintendent's salary to high No Mechanic's helper high.

e) Is a field check needed? YES

EXHIBIT A

21. The applicant proposes to clean out the tunnels, bulldoze the trenches and do the diamond drilling.

| | |
|---|---|
| LABOR | $6,400.00 |
| SUPERVISION | 1500.00 |
| REPAIRS TO BUILDINGS | 500.00 |
| LUMBER | 1500.00 |
| EQUIPMENT | 17765.00 |
| EQUIPMENT TO RENT | 7680.00 |
| SUPPLIES | 2830.00 |
| FREIGHT | 2500.00 |
| | $40,675.00 |

23. d. LUMBER FOR SMALL CONSTRUCTION $1500.00

| | |
|---|---|
| e. 1 DIAMOND DRILL WITH ROD & BIT | 4000.00 |
| 1 ENGINE FOR DIAMOND DRILL | 1000.00 |
| 1 MUCKING MACHINE | 2825.00 |
| 1 COMPRESSOR 320 CFM | 6000.00 |
| 2 JACK HAMMERS WITH LEGS | 1240.00 |
| HOSES, TANKS, ETC | 400.00 |
| SMALL TOOLS | 500.00 |
| 1000 FT 2" PIPE | 400.00 |
| 1 JEEP | 1400.00 |
| f. CAT WORK, 480 HRS @ $16/HR | 7680.00 |
| g. NOT APPLICABLE | |
| h. 10 SETS STEEL | 600.00 |
| FUSES & CAPS | 230.00 |
| BOXES POWDER | 500.00 |
| i. FREIGHT EST. | 2500.00 |
| BOARDING HOUSE SUPPLIES | 1500.00 |

EXHIBIT A. (CONT.)

| | | |
|---|---|---|
| 23 a. | 2 DIAMOND DRILL OPERATORS, EACH $16/DAY 60-DAYS | $1920.00 |
| | 2 JACK HAMER MEN $14 EACH, or $28/DAY - 60 DAYS | 1680.00 |
| | 1 MECHANICS HELPER MAN $16/DAY - 60 DAYS | 960.00 |
| | 1 COOK $200/MO - 60 DAYS | 400.00 |
| | 2 HELPERS $12/DAY - 60 DAYS | 1440.00 |
| | | $6400.00 |
| b. | SUPERVISON $500/MO - 3/MOS | $1500.00 |
| c. | REPAIRS TO BOARDING HOUSE & BUNK HOUSE | 500.00 |

14. Exhibit E (question 23-c)*

a) Is it applicable? YES

b) Sufficient data? YES

c) Reasonable? YES

d) Field check needed? No

15. In your judgment, can the proposed work be done in the proposed time? Project not outlined well enough to judge

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? See if contract drilling would be better than trying it himself. Get a better description of project. See if it is geologically feasible.

Reviewed by: [illegible]

Date



97692

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 1693X

Commodity Copper

Total Amount ?

Govt. Participation 50%

1. Name and Address of Applicant FALK Metals Corp. Mercantile Bldg., 1031-15th St Denver Col.

2. Location of Property Sec 11, T 9S, R 14E Park County, Montana - 5 miles NW. of Coon Mont.

3. Mineral or metal COPPER Is it listed in Section 9 of MO-5? Yes

If not, application will be rejected.

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good

b) Poor

c) None

d) Don't know—needs field examination ✓

e) Is there an alternative and favorable project? (If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? Yes - owner (question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached? —

Does the lease have sufficient time to run to cover a future productive period? —

*question numbers are those of MF-103

7. Are subordination agreements necessary? No

a) MF-201? —

b) MF-202 —

8. From the data presented, does the proposed project appear feasible from the point of view of:

a) Available manpower Yes

b) Equipment and supplies to be purchased
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* No

d) Water (question 13)* Yes

e) Power (question 13)* Yes

Is a field check needed on any of these points? No

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* Yes

Is a field check needed on this point? No

10. Exhibit A. (questions 21 and 22)*

a) Is the project adequately described? No

If not, are there sufficient data given so that you can describe the project? Yes If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? No

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? Yes

If not, what part of it is? —

Is this part a worthwhile exploration project? —

d) Are the cost estimates detailed? Yes

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? Yes If so, attach a draft.

e) Are the cost estimates reasonable? No
Jackhammers & legs to high
Jet drill for underground to high - surface to low

f) Should more information be requested from applicant? Yes Compressor to low

g) Is a field examination necessary to complete Exhibit A? Yes

11. Exhibit B (question 23-d)*

a) Is it applicable? Yes

b) If so, are sufficient data furnished? No If so, attach a draft.

c) Is a field check needed? Yes

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable? g not applicable e & f over

b) Sufficient data? Yes If so, attach a draft.

c) Are rents and charges reasonable? No Cat to high

d) Is a field check needed? Yes

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data? Yes

b) Is the schedule adequate for the work proposed? he doesn't outline project well enough to assure

c) Is the schedule excessive for the work proposed? Same

d) Are the proposed wages and salaries reasonable? Supervisor's wages to high No mechanics helper to high

e) Is a field check needed? Yes

EXHIBIT A

21. The applicant proposes to clean out the tunnels bulldoze the trenches and do the diamond drilling

| | |
|---|---|
| Labor | $6400.00 |
| Insurance | 150.00 |
| Repairs to Buildings | 500.00 |
| Lumber | 1500.00 |
| Equipment | 17765.00 |
| Equipment to rent | 7680.00 |
| Supplies | 2830.00 |
| Freight | 250.00 |
| | $40,625.00 |

| | |
|---|---|
| 23. d. Lumber for Small Construction | $1500.00 |
| e. 1 Diamond Drill with Rod & Bit | 4000.00 |
| 1 Engine for Diamond Drill | 1000.00 |
| 1 Mucking Machine | 2825.00 |
| 1 Compressor 320 CFM | 600.00 |
| 2 Jack Hammers with Legs | 1240.00 |
| Hose, tanks, etc. | 400.00 |
| Small tools | 500.00 |
| 1000 ft 2 in. pipe | 400.00 |
| 1 Jeep | 1400.00 |
| f. Cat Work 480 hrs. @ $16/hr. | 7680.00 |
| g. Not applicable. | |
| h. 10 Lots Steel | 600.00 |
| Fuses & Caps | 230.00 |
| Black Powder | 500.00 |
| i. Freight Est. | 250.00 |
| Boarding House Supplies | 1500 |

EXHIBIT A (cont.)

| | | |
|---|---|---|
| 23a. | 2 Diamond Drill Operators each 16/Day 60 Days | $1920.00 |
| | 2 Jack Hammer Man $14 each a $28/Day - 60 Days | 1680-00 |
| | 1 Mechanic Helper Man 16/Day - 60 Days | 960.00 |
| | 1 Cook $20/Mo - 60 Days | 400.00 |
| | 2 Helpers $12/Day - 60 Days | 1440.00 |
| | | 6400-00 |
| b. | Supervision 500/Mo - 3 Mos | 1500.00 |
| c. | Rigging & Boarding House and Bunk House | 500.00 |

14. Exhibit E (question 23-c)*

a) Is it applicable? Yes

b) Sufficient data? Yes

c) Reasonable? Yes

d) Field check needed? No

15. In your judgment, can the proposed work be done in the proposed time? Project outlined well enough to judge.

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? See if contract drilling would be better than trying it themselves. Send better description of project. See if it is geologically feasible.

Reviewed by: [illegible]

Date



97692

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 1693X

Commodity COPPER

Total Amount ?

Govt. Participation 50%

1. Name and Address of Applicant FALK METALS CORP.
MERCANTILE BUILDING 1031 - 15TH ST. DENVER COLORADO

2. Location of Property SEC 11 T 9S, R 14E PARK COUNTY,
MONTANA - 5 MILES N.W. OF COOK MON.

3. Mineral or metal COPPER Is it listed in Section 9 of MO-5? YES

If not, application will be rejected.

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good

b) Poor

c) None

d) Don't know—needs field examination

e) Is there an alternative and favorable project?
(If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? YES - OWNER
(question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached? —

Does the lease have sufficient time to run to cover a future productive period? —

*question numbers are those of MF-103

7. Are subordination agreements necessary? No

a) MF-201? _____

b) MF-202 _____

8. From the data presented, does the proposed project appear feasible from the point of view of:

a) Available manpower YES

b) Equipment and supplies To be purchased
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* ~~Yes~~ No

d) Water (question 13)* Yes

e) Power (question 13)* YES

Is a field check needed on any of these points? No

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* YES

_____

Is a field check needed on this point? No

10. Exhibit A. (questions 21 and 22)*

a) Is the project adequately described? No

If not, are there sufficient data given so that you can describe the project? YES If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? No

_____

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? YES

If not, what part of it is? —

_____

_____

_____

Is this part a worthwhile exploration project? —

d) Are the cost estimates detailed? YES

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? YES If so, attach a draft.

e) Are the cost estimates reasonable? NO

If the dwel for under ground is high - anyone is done. JACK HAMMERS & LEGS TO HELP Comparison to Lion

f) Should more information be requested from applicant? YES

g) Is a field examination necessary to complete Exhibit A? YES

11. Exhibit B (question 23-d)*

a) Is it applicable? YES

b) If so, are sufficient data furnished? NO If so, attach a draft.

c) Is a field check needed? YES

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable? g not applicable to f one

b) Sufficient data? YES If so, attach a draft.

c) Are rents and charges reasonable? NO - PAT TO HIGH

d) Is a field check needed? YES

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data? YES

b) Is the schedule adequate for the work proposed? it does not have project well enough to answer

c) Is the schedule excessive for the work proposed? SAME

d) Are the proposed wages and salaries reasonable? Supervisor's salary is high He Miners's helper high.

e) Is a field check needed? YES

EXHIBIT A

21. The applicant proposes to clean out the tunnels, bulldoze the trenches and do the diamond drilling.

| | |
|---|---|
| LABOR | $6,400.00 |
| SUPERVISION | 1500.00 |
| REPAIRS TO BUILDINGS | 500.00 |
| LUMBER | 1500.00 |
| EQUIPMENT | 17765.00 |
| EQUIPMENT TO RENT | 7680.00 |
| SUPPLIES | 2830.00 |
| FREIGHT | 2500.00 |
| | $40,675.00 |

| | |
|---|---|
| 23. d. LUMBER FOR SMALL CONSTRUCTION | $1500.00 |
| e. 1 DIAMOND DRILL WITH ROD & BIT | 4000.00 |
| 1 ENGINE FOR DIAMOND DRILL | 1000.00 |
| 1 MUCKING MACHINE | 2825.00 |
| 1 COMPRESSOR 320 CFM | 6000.00 |
| 2 JACK HAMMERS WITH LEGS | 1240.00 |
| HOSES, TANKS, ETC. | 400.00 |
| SMALL TOOLS | 500.00 |
| 1000 FT 2" PIPE | 400.00 |
| 1 JEEP | 1400.00 |
| f. CAT WORK, 480 HRS @ $16/HR. | 7680.00 |
| g. NOT APPLICABLE | |
| h. 10 SETS STEEL | 600.00 |
| FUSES & CAPS | 230.00 |
| BOXES POWDER | 500.00 |
| i. FREIGHT EST. | 2500.00 |
| BOARDING HOUSE SUPPLIES | 1500.00 |

EXHIBIT A (CONT.)

| | | 60-DAYS |
|---|---|---|
| 23 a. | 2 DIAMOND DRILL OPERATORS, EACH $16/DAY | $1920.00 |
| | 2 JACK HAMER MEN $14 EACH, @ $28/DAY - 60 DAYS | 1680.00 |
| | 1 MECHANICS HELPER MAN $16/DAY - 60 DAYS | 960.00 |
| | 1 COOK $200/MO - 60 DAYS | 400.00 |
| | 2 HELPERS $12/DAY - 60 DAYS | 1440.00 |
| | | $6400.00 |
| b. | SUPERVISON $500/MO - 3 MOS | $1500.00 |
| c. | REPAIRS TO BOARDING HOUSE & BUNK HOUSE | 500.00 |

14. Exhibit E (question 23-c)*

a) Is it applicable? YES

b) Sufficient data? YES

c) Reasonable? YES

d) Field check needed? N/A

15. In your judgment, can the proposed work be done in the proposed time? Project not outlined well enough to judge

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? See if contract drilling would be better than trying it himself. Note better description of project. See if it is geologically possible.

Reviewed by: [illegible]

Date



97692

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. DMA-1693X

Commodity Copper

Total Amount $40,675.00

Govt. Participation $20,337.50

1. Name and Address of Applicant Falk Metals Corp. Mercantile Bldg., 1031-15th ST., Denver Colorado

2. Location of Property "About 5 miles North & gently West of Cooke, Montana in Section 11 Township 9 South Range 14 East, Park County

3. Mineral or metal Copper & gold Is it listed in Section 9 of MO-5? yes If not, application will be rejected.

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good

b) Poor

c) None

d) Don't know—needs field examination ✓

e) Is there an alternative and favorable project? (If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? yes (question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached? ~~O~~ yes

Does the lease have sufficient time to run to cover a future productive period? ~~O~~ yes

*question numbers are those of MF-103

7. Are subordination agreements necessary? yes

a) MF-201? ✓ yes

b) MF-202 ✓ yes

not quite sure which of these applies to purchase contract

8. From the data presented, does the proposed project appear feasible from the point of view of:

a) Available manpower yes

b) Equipment and supplies yes
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* yes (seasonal?)

d) Water (question 13)* yes

e) Power (question 13)* yes –

Is a field check needed on any of these points? No

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* yes

Is a field check needed on this point? No

10. Exhibit A. (questions 21 and 22)*

a) Is the project adequately described? No

If not, are there sufficient data given so that you can describe the project? Only in general terms If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? No

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? Yes

If not, what part of it is?

Is this part a worthwhile exploration project?_____

d) Are the cost estimates detailed? yes

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? yes If so, attach a draft.

e) Are the cost estimates reasonable? Supervision for 3 mos. is excessive for a 2 month labor estimate

f) Should more information be requested from applicant? yes

g) Is a field examination necessary to complete Exhibit A?_____

11. Exhibit B (question 23-d)*

a) Is it applicable? Not enough information available

b) If so, are sufficient data furnished? for lumber only If so, attach a draft.

c) Is a field check needed? Yes

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable? Yes, e & f only

b) Sufficient data? Yes If so, attach a draft.

c) Are rents and charges reasonable?_____

d) Is a field check needed?_____

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data? yes

b) Is the schedule adequate for the work proposed?_____

c) Is the schedule excessive for the work proposed?_____

d) Are the proposed wages and salaries reasonable? rates are probably OK.

e) Is a field check needed?_____

14. Exhibit E (question 23-c)*

a) Is it applicable? yes

b) Sufficient data? yes

c) Reasonable? yes

d) Field check needed? NO

15. In your judgment, can the proposed work be done in the proposed time? Don't Know - insufficient data as to proposed exploration

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? Check geologic probability and applicants estimates of labor, material, and supply costs — also time estimates, and ~~author of project~~ have applicant submit a more detailed exploratory program. If drilling is to be done it should be contracted, and applicant should obtain bids or estimates from a reputable firm.

Reviewed by: DRMacharen

CLOstolhusen

JBLowan

Date 8/8/51



97692

DMA-1693X

Exhibit A

| | |
|---|---|
| Labor | $ 6,400.00 |
| Supervision | 1,500.00 |
| Repairs to buildings | 500.00 |
| Construction (cost of lumber only) | 1,500.00 |
| Equipment to be purchased (including $2,500.00 freight) | 20,865.00 |
| Equipment to be rented | 7,680.00 |
| Supplies (powder, fuse, caps, boarding house | 2,230.00 |
| Total | $ 40,675.00 |

Exhibit B

| | |
|---|---|
| Construction - lumber only | $ 1,500.00 |

Exhibit C To be purchased

| | |
|---|---|
| 1 Diamond drill with rods and bits | $ 4,000.00 |
| 1 Engine for diamond drill | 1,000.00 |
| 1 Mucking Machine | 2,825.00 |
| 1 320 cu.ft. Compressor | 6,000.00 |
| 2 Jack hammers with legs | 1,240.00 |
| Hose, Tanks, fittings | 400.00 |
| 10 sets steel | 600.00 |
| 1000 ft 2in pipe | 400.00 |
| Small tools | 500.00 |
| 1 Jeep | 1,400.00 |
| Freight (estimated) | 2,500.00 |
| Total | $ 20,865.00 |

DMA-1693X

Exhibit C (cont)

| | | |
|---|---|---|
| To be purchased | Total | $ 20,865.00 |
| To be rented | | |
| 1 Bulldozer 480 hrs. @ $16.00/hr | | $ 7,680.00 |
| Exhibit C Total | | 28,545.00 |

Exhibit D

| | | |
|---|---|---|
| Labor: | 2 diamond drill operators @ $16/day for 60 days | $ 1,920.00 |
| | 2 miners @ $14/day for 60 days | 1,680.00 |
| | 2 helpers (muckers?) @ $12/day for 60 days | 1,440.00 |
| | 1 mechanic ~~and~~ helper @ $16/day for 60 days | 960.00 |
| | 1 Cook @ $200/mo for 60 days | 400.00 |
| | Total | $ 6,400.00 |
| Supervision: | $500/mo for 3 mo | $ 1,500.00 |
| Exhibit D | Total | $ 7,900.00 |

Exhibit E

| | |
|---|---|
| Repairs to Boarding house + Bunk house | $ 500.00 |

Proposal:

Applicant proposes to cut an indefinate number of trenches and drill an indefinate number of diamond drill holes - depth not stated -, to open a short tunnel and to recondition old workings.

DEFENSE MINERALS
ADMINISTRATION
WASHINGTON, D. C.

SEP 17 8 38 AM '51

FILE COPY
SURNAME:

Walker

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

Mailed JUN 25 1951 Dma # 1693
JUN 22 1951

Mr. A. L. Weissenborn
Executive Officer
DMA Field Team, Region II
South 157 Howard St.
Spokane, Washington

Re: Access road application [illegible]-52
Clemency Mine, Park County, Mont.

Dear Mr. Weissenborn:

Attached are two copies of application for access road, [illegible]-52 by the Falls Metals Corporation.

An exploration project has been reported on this property and the road application should be processed along with the project, and perhaps included as part of the project expense.

Very truly yours,

Tom Lyon

Chairman
Coordinating Committee

Attachments

Lowell B. Moon

Member, Bureau of Mines

McKnight

Member, Geological Survey

Walker:cg 6-21-51
Copies to: Admin. Reading File
Field Team
Mr. Moon
Coordinating Com.

P.S. Mr. [illegible], the exploration application by Falls Metals is under consideration by the Copper Branch. No action is required until or unless you receive 1693.

Dma Mag

856

June 22, 1951

Mr. Carl H. Peterson, Secretary
Falk Metals Corporation
Mercantile Building
1031 - 15th Street
Denver 2, Colorado

Subject: Application for Access Road AR-52

My dear Mr. Peterson:

Receipt is acknowledged of your application of June 8, 1951, for an access road in the New World Mining District, Park County, Montana.

The application was assigned docket number AR-52 and referred to Mr. Stanley Walker, Acting Chief, Housing and Utility Branch.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

LFSTROBEL:bh

Copy to: Mr. Walker, Room 2465
Mr. Strobel (2)
Files

FILE COPY
SURNAME:

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

June 21, 1951

Mr. Carl H. Peterson
Falk Metals Corporation
Mercantile Building
1031 - 15th Street
Denver, Colorado

Subject: DMA-1693X
Re: Exploration Loan
Glengary Mines

My dear Mr. Peterson:

Receipt is acknowledged of your application and attachments of June 6, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1693X and was referred to Mr. J. B. Gowen, Chief, Copper Branch on June 18, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1693X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

LFSTROBEL:js
cc: Strobel-2
>Files
Gowen
Lyon

June 21, 1951

Mr. Carl H. Peterson
Falk Metals Corporation
Mercantile Building
1031 - 15th Street
Denver, Colorado

Subject: DMA-1693X
Re: Exploration Loan
Glengary Mines

My dear Mr. Peterson:

Receipt is acknowledged of your application and attachments of June 6, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1693X and was referred to Mr. J. R. Gowen, Chief, Copper Branch on June 18, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1693X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

LFSTROBEL:js
cc: Strobel-2
Files
Gowen
Lyon

DMA Form 2

DEFENSE MINERALS ADMINISTRATION
Status Change Notice

DMA Docket No. 1693X

To: Reports and Records Branch

From: Copper Branch, Supply Division

Date: 8/9/51

The following action has been taken this date on the above Controlled Document.

Forwarded to Field Team, Region II (thru Coordinating Committee)

Type of request changed to:

Denied ☐ Withdrawn ☐

Approved in amount of $

Other action, specify:

June 21, 1951

Mr. Carl H. Peterson
Falk Metals Corporation
Mercantile Building
1031 - 15th Street
Denver, Colorado

Subject: DMA-1693X
Re: Exploration Loan
Glengary Mines

My dear Mr. Peterson:

Receipt is acknowledged of your application and attachments of June 6, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1693X and was referred to Mr. J. B. Gowen, Chief, Copper Branch on June 18, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1693X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

LFSTROBEL:js
cc: Strobel-2
Files
>Gowen
Lyon

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

DMA-1693

JUN 1 1951

Mr. A. A. Weissenborn
Executive Officer
DMA Field Team, Region II
South 157 Howard St.
Spokane, Washington

Re: Access road application AR-52
Clemency Mine, Park County, Mont.

Dear Mr. Weissenborn:

Attached are two copies of application for access road, AR-52 by the Falls Metals Corporation.

An exploration project has been requested on this property and the road application should be processed along with the project, and mileage included as part of the project expense.

Very truly yours,

Tom Lyon

Chairman
Coordinating Committee

Attachments

Shalkerig 6-21-51
Copies to: Admin. Reading File
Field Team
Mr. Moon
Coordinating Comm.
Mr. Stobel

Lowell B. Moon
Member, Bureau of Mines

McKnight
Member, Geological Survey

P.S. Mr. Moon, the exploration application by Falls Metals is under consideration by the Copper Branch. No action is required until or unless you receive word.

Form MF-105
(April 1951)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1054.
Approval expires March 31, 1952.

Docket No. AR 52
(Leave blank)

# Application For Access Road

**Instructions to Applicant: Complete five copies of this form, keeping one copy for your files and sending original and three copies to:**

[illegible]

NOTICE.—If you have already filed Defense Minerals Administration Form MF-100 or MF-103, give date filed ....., Docket No., if available ....., and do not answer questions 3 to 7, inclusive. Then return signed forms to Defense Minerals Administration, Department of the Interior, Requirements Division, Washington 25, D. C. If more space is needed, attach additional sheets of the same size, indicating item being answered.

1. Location of project: State ..... County .....
   Mining district ..... Nearest town .....
2. Name of mine or plant ..... Other identifying data (previous names, etc.) .....
3. Principal metal or mineral produced (or to be produced) .....
4. Subordinate metals or minerals .....
5. Present average daily production .....
6. Estimated future average daily production .....
7. Estimated ore reserves or life of the mine .....
8. Access road requested from ..... to ..... Length .....
   To be a new road? ..... or improvement of existing road? .....
9. Number of trucks by type and size ..... Total trips per day (1-way) .....
10. To the best of your knowledge, does any Federal, State, or county agency have jurisdiction over this road? ..... Which agency? .....
    Have you been refused assistance by this agency? .....
11. Have you applied for a Federal loan for your mining or milling operation? .....
    If so, on what date and to what Government agency? .....
12. Do you have Government contracts for any of your production? ..... If so, with what agency? ..... For what amount? .....

CERTIFICATION.—The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and the attached papers is correct and complete to the best of their knowledge and belief.

[illegible]
(Name of company)

1031 - 1st Street
Denver 2, Colorado
June 9, 1951
(Address)

(Date)

By Cal Pierson
(Signature of authorized official)

[illegible] Secretary
(Title)

NOTE.—Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

U. S. GOVERNMENT PRINTING OFFICE 16—64017-1

Park Metals Corporation
Mercantile Building,
1031 - 15th Street,
Denver, Colorado.

June 8, 1961

## APPLICATION FOR ACCESS ROAD

1. This project is located in Montana, Park County, and is known as the New World (unorganized) Mining District. The town nearest this project is Cooke, Montana.

2. Glengary Mine. As far as we know this mine has always been known as the Glengary mine, which is located on both sides of Lulu Pass.

3. The principal metal is copper.

4. Subordinate metal is Gold.

5. New operation. Not in production at this time.

6. As soon as development work is completed we estimate the production will be from t 50 to 150 tons per day.

7. According to all available information this is a very large ore body but until development work has been done we will not know the exact reserves or the life of the mine, but it should extend over a period of years.

8. The Access Road requested will be from No. 12 Highway approximately two miles East of Cooke, extending in a Northwesterly direction fo approximately five miles to the Glengary mines; starting at this point coming down on the West side of Red Mountain and Henderson Mountain back into Cooke; this being a distance of some 5 to 5-1/2 miles.

   The reason for wanting the road on both sides of the mountain required is that part of the ore will be on the East side of Lulu Pa and part on the West side. This Pass being so steep it would be impractical to haul a heavy load up either side of the Pass, therefore, we are asking that both roads be repaired to make it practic to haul heavy loads of ore over them.

   This is a county road at the present time but the county is not i a financial position to do the required amount of work necessary to put these roads in good condition for heavy loads.

   We are attaching a map of the New World Mining District. The red lines indicate the approximate location of the roads to be improv

9. At the beginning of the operation the ore will have to be trucke Gardner and in order to make it practical to haul that distance trucks will have to be used. The number of trucks per day will pend upon the production we are able to develop but will probabl range from 4 to 10 round trips per day.

APPLICATION FOR ACCESS ROAD

10. To the best of our knowledge this is a county road and is under the jurisdiction of the County Commissioners at Park County, Montana.

We have discussed this matter with this agency and they are not in a financial position to do the required amount of work to put the road in good condition for heavy hauling.

11. We have applied for Federal Loan for Exploration of these mines. This loan application is with the Defense Minerals Administration of the U.S. Department of Interior.

12. We do not have government contracts for our production.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and the attached papers is correct and complete to the best of their knowledge and belief.

FALK METALS CORPORATION
Mercantile Building,
1031 - 15th Street,
Denver, Colorado.

By Carl A. Peterson
Carl A. Peterson
Secretary

June 8, 1951

Form MF-105
(April 1951)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1054.
Approval expires March 31, 1952

Docket No. AR 52
(Leave blank)

# Application For Access Road

**Instructions to Applicant: Complete five copies of this form, keeping one copy for your files and sending original and three copies to:**

SEE ATTACHED APPLICATION.

NOTICE.—If you have already filed Defense Minerals Administration Form MF-100 or MF-103, give date filed ....., Docket No., if available ....., and do not answer questions 3 to 7, inclusive. Then return signed forms to Defense Minerals Administration, Department of the Interior, Requirements Division, Washington 25, D. C. If more space is needed, attach additional sheets of the same size, indicating item being answered.

1. Location of project: State ..... County .....
   Mining district ..... Nearest town .....
2. Name of mine or plant ..... Other identifying data (previous names, etc.) .....
3. Principal metal or mineral produced (or to be produced) .....
4. Subordinate metals or minerals .....
5. Present average daily production .....
6. Estimated future average daily production .....
7. Estimated ore reserves or life of the mine .....
8. Access road requested from ..... to ..... Length .....
   To be a new road? ..... or improvement of existing road? .....
9. Number of trucks by type and size ..... Total trips per day (1-way) .....
10. To the best of your knowledge, does any Federal, State, or county agency have jurisdiction over this road? ..... Which agency? .....
    Have you been refused assistance by this agency? .....
11. Have you applied for a Federal loan for your mining or milling operation? .....
    If so, on what date and to what Government agency? .....
12. Do you have Government contracts for any of your production? ..... If so, with what agency? ..... For what amount? .....

CERTIFICATION.—The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and the attached papers is correct and complete to the best of their knowledge and belief.

[illegible]
(Name of company)

Mercantile Building
1031 - 16th Street
Denver 2, Colorado
June 0, 1951
(Address)

(Date)

By Carl H. Peterson
(Signature of authorized official)

Carl H. Peterson
Secretary
(Title)

NOTE.—Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any departme or agency of the United States as to any matter within its jurisdiction.

U. S. GOVERNMENT PRINTING OFFICE 16—64017-1

Falk Metals Corporation
Mercantile Building,
1031 - 15th Street,
Denver, Colorado.

June 8, 1951

APPLICATION FOR ACCESS ROAD

1. This project is located in Montana, Park County, and is known as the New World (unorganized) Mining District. The town nearest this project is Cooke, Montana.

2. Glengary Mine. As far as we know this mine has always been known as the Glengary mine, which is located on both sides of Lulu Pass

3. The principal metal is copper.

4. Subordinate metal is Gold.

5. New operation. Not in production at this time.

6. As soon as development work is completed we estimate the producti will be from t 50 to 150 tons per day.

7. According to all available information this is a very large ore body but until development work has been done we will not know th exact reserves or the life of the mine, but it should extend over a period of years.

8. The Access Road requested will be from No. 12 Highway approximat two miles East of Cooke, extending in a Northwesterly direction approximately five miles to the Glengary mines; starting at this point coming down on the West side of Red Mountain and Henderson Mountain back into Cooke; this being a distance of some 5 to 5-1/ miles.

The reason for wanting the road on both sides of the mountain repaired is that part of the ore will be on the East side of Lulu and part on the West side. This Pass being so steep it would be impractical to haul a heavy load up either side of the Pass, therefore, we are asking that both roads be repaired to make it practi to haul heavy loads of ore over them.

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APPLICATION FOR ACCESS ROAD

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We have discussed this matter with this agency and they are not in a financial position to do the required amount of work to put the road in good condition for heavy hauling.

11. We have applied for Federal Loan for Exploration of these mines. This loan application is with the Defense Minerals Administration of the U.S. Department of Interior.

12. We do not have government contracts for our production.

CERTIFICATION

The undersigned company, and the official executing this certification its behalf, hereby certify that the information contained in this form the attached papers is correct and complete to the best of their knowle and belief.

FALK METALS CORPORATION
Mercantile Building,
1031 - 15th Street,
Denver, Colorado.

By Carl H. Peterson
Carl H. Peterson
Secretary

June 8, 1951

Form MF-105
(April 1951)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1054.
Approval expires March 31, 1952.

Docket No. AR 52
(Leave blank)

# Application For Access Road

**Instructions to Applicant: Complete five copies of this form, keeping one copy for your files and sending original and three copies to:**

SEE ATTACHED APPLICATION.

NOTICE.—If you have already filed Defense Minerals Administration Form MF-100 or MF-103, give date filed ....., Docket No., if available ....., and do not answer questions 3 to 7, inclusive. Then return signed forms to Defense Minerals Administration, Department of the Interior, Requirements Division, Washington 25, D. C. If more space is needed, attach additional sheets of the same size, indicating item being answered.

1. Location of project: State ..... County .....
   Mining district ..... Nearest town .....
2. Name of mine or plant ..... Other identifying data (previous names, etc.) .....
3. Principal metal or mineral produced (or to be produced) .....
4. Subordinate metals or minerals .....
5. Present average daily production .....
6. Estimated future average daily production .....
7. Estimated ore reserves or life of the mine .....
8. Access road requested from ..... to ..... Length .....
   To be a new road? ..... or improvement of existing road? .....
9. Number of trucks by type and size ..... Total trips per day (1-way) .....
10. To the best of your knowledge, does any Federal, State, or county agency have jurisdiction over this road? ..... Which agency? .....
    Have you been refused assistance by this agency? .....
11. Have you applied for a Federal loan for your mining or milling operation? .....
    If so, on what date and to what Government agency? .....
12. Do you have Government contracts for any of your production? ..... If so, with what agency? ..... For what amount? .....

CERTIFICATION.—The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and the attached papers is correct and complete to the best of their knowledge and belief.

FALK METALS CORPORATION
(Name of company)

Mercantile Bldg.,
1031 - 15th Street
Denver 2, Colorado
June 8, 1951
(Address)

(Date)

By Carl H. Peterson
(Signature of authorized official)

Carl H. Peterson
Secretary
(Title)

NOTE.—Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

U. S. GOVERNMENT PRINTING OFFICE 16—64017-1

Falk Metals Corporation
Mercantile Building,
1031 - 15th Street,
Denver, Colorado.

June 8, 1951

APPLICATION FOR ACCESS ROAD

1. This project is located in Montana, Park County, and is known as the New World (unorganized) Mining District. The town nearest this project is Cooke, Montana.

2. Glengary Mine. As far as we know this mine has always been known as the Glengary mine, which is located on both sides of Lulu Pass

3. The principal metal is copper.

4. Subo dinate metal is Gold.

5. New operation. Not in production at this time.

6. As soon as development work is completed we estimate the productic will be from t 50 to 150 tons per day.

7. According to all available i formation this is a very large ore body but until development work has been done we will not know the exact reserves or the life of the mine, but it should extend over a period of years.

8. The Access Road requested will be from No. 12 Highway approximatel two miles East of Cooke, extending in a Northwesterly direction fo approximately five miles to the Glengary mines; starting at this point coming down on the West side of Red Mountain and Henderson Mountain back into Cooke; this being a distance of some 5 to 5-1/2 miles.

The reason for wanting the road on both sides of the mountain repaired is that part of the ore will be on the East side of Lulu Pa and part on the West side. This Pass being so steep it would be impractical to haul a heavy load up either side of the Pass, therefore, we are asking that both roads be repaired to make it practic to haul heavy loads of ore over them.

This is a county road at the present time but the county is not in a financial position to do the required amount of work necessary to put these roads in good condition for heavy loads.

We are attaching a map of the New World Mining District. The red lines indicate the approximate location of the roads to be improved

9. At the beginning of the operation the ore will have to be trucked t Gardner and in order to make it practical to haul that distance hea trucks will have to be used. The number of trucks per day will de pend upon the production we are able to develop but will probably range from 4 to 10 round trips per day.

APPLICATION FOR ACCESS ROAD

10. To the best of our knowledge this is a county road and is under the jurisdiction of the County Commissioners at Park County, Montana.

We have discussed this matter with this agency and they are not in a financial position to do the required amount of work to put the road in good condition for heavy hauling.

11. We have applied for Federal Loan for Exploration of these mines. This loan application is with the Defense Minerals Administration of the U.S. Department of Interior.

12. We do not have government contracts for our production.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and the attached papers is correct and complete to the best of their knowledge and belief.

FALK METALS CORPORATION
Mercantile Building,
1031 - 15th Street,
Denver, Colorado.

By Carl H. Peterson
Carl H. Peterson

Secretary

June 8, 1951

LETTER OF TRANSMITTAL

June 14, 1951

Mr. Otto Herres, Chief
Lead-Zinc Branch,
U.S. Department of Interior,
Defense Minerals Administration,
Washington 25, D.C.

Dear Mr. Herres:

The following list of exhibits have been made in conformity with Form MF-103, application for aid for an exploration project pursuant to Mineral Order 5 under the Defense Production Act of 1950.

Loan application is for Falk Metals Corporation on their group of mines known as the Glengary Mines in Park County, Montana.

First Exhibit attached is Bulletin 811-A, New World or Cooke City Mining District, Park County, Wyoming, by T. S. Lovering. Reference is made to this book from time to time in our application. As this book is out of print we were not able to secure copies for each copy of the application, therefore, we are attaching one copy of this book to the original copy of the application. Extracts from the book were copied and put in the copies of the application.

Pages 1, 2, 3, 4, and 5, are answering the questions in Form MF-103 and are self explanatory.

Pages 6 and 7 are extracts from a report made by Gordan M. Anderson, mining engineer of Cooke, Montana. Page 8 contains the extracts spoken of in the previous paragraph.

The next exhibit attached is the Purchase Agreement on the properties to be operated by the Falk Metals Corporation. The enxt exhibit attached is an Assignment by Walter A. Falk, to the Falk Metals Corporation, of the properties.

The third and fourth exhibits attached are assays taken on the properties for which application is made. The last exhibit attached is the map showing the location of the properties, however, a few of the unpatented claims do not show on this map. This map also shows the location of these claims relative to the McClaren pit.

At the next meeting of the Board of Directors the valuation of the properties will be made and a financial statement will be forwarded to you at that time.

Very truly yours,

FALK METALS CORPORATION

By Earl H. Peterson

WHG:w

MF-103
(ril 1951)

# U. S. DEPARTMENT OF THE INTERIOR
## DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

# APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. Dma-1693X

Date received 6/15/51

Participation

No BM. Reports

Falk Metals Corporation
Mercantile Building,
1031 - 15th Street
Denver, Colorado.

Name and address of applicant

Date June 6 1951

FILL IN THIS BLOCK

Date of application

Estimated cost

Mineral or metal Copper and gold

Percentage of Government participation 50-50

Location of mine About five miles north and slightly west of Cooke, Montana, in section 11, Township 9 South, Range 14 East.

See attached application.

Date of filing MF-100

DMA Docket Number, if available

## INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

## THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

## THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existi mine or operating property.

(*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings f any commercial discovery made in the area specified in (*b*) above in which the exploration is to be condu and the expenditure of funds which may be charged as costs of the project must be limited to that area work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distai and directions and kinds and conditions of roads.

*13. State source and quantity of water available for operations and its sufficiency at all seasons. State amount of power to be used, rate per hour or other cost, and source.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.

15. State in detail how the ore could be shipped and how and where milled.

*16. History:

(*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.

(*b*) State briefly the known history and production of adjoining and neighboring properties.

(*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

*17. Production:

(*a*) If mine is in production, furnish the following information:

| | *Tons per day* | *Grade or analysis* | *Cost per ton* | *Net value per ton* |
|---|---|---|---|---|
| (1) Mining | | | | |
| (2) Milling | | | | |
| (3) Shipped or sold | | | | |

*18. Ore or mineral reserves: (If property is or has been operating.)

(*a*) Describe the ore or mineral deposits briefly.

(*b*) Submit available maps and assay data.

(*c*) Give estimated tonnage and grade of each class of ore reserves.

19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

## THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

## THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:

(*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.

(*b*) Supervisors, by numbers and positions, with salaries of each.

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings.

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.

(*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.

(*f*) Cost of rental for equipment which the operator proposes to rent.

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.

(*i*) Cost of power, water, utilities, and any other items not provided for above.

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

## CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

[illegible] CORPORATION
(Name of company)

By Carl Pearson
(Signature of authorized official)

June 6, 1951
(Date)

Carl B. Peterson, Secretary
(Title)

**Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.**

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

U.S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Application for aid for an Exploration Project pursuant to Mineral Order 5, under Defense Production Act of 1950.

Falk Metals Corporation,
Mercantile Building,
1031 - 15th Street,
Denver 2, Colorado.

| | |
|---|---|
| Date of Application, | June 6, 1951 |
| Mineral or Metal, | Copper and Gold |
| Location of Mine, | About 5 miles North and slightly East of Cooke, Montana in Section 11 Township 9 South, Range 14 East. |
| Estimated Cost, | $40,675.00 |
| Percentage of government participation | 50-50 |
| Date of filing MF-100 | |

1. Falk Metals Corporation, a Colorado corporation, Mercantile Building, 1031 - 15th Street, Denver, Colorado.

2. Does not apply.

3. The officers of the corporation are:

President, Walter A. Falk, 1350 Fillmore St, Denver, Colorado.
Vice-president, Robert C. Brown, 4307 Tejon, Denver, Colorado.
Secretary, Carl H. Peterson, 4307 Tejon, Denver, Colorado.
Treasurer, Robert C. Brown, 4307 Tejon, Denver, Colorado.

Directors:

Walter A. Falk, 1350 Fillmore Street, Denver, Colorado.
Robert C. Brown, 4307 Tejon, Denver, Colorado,
Carl H. Peterson, 4307 Tejon, Denver, Colorado
W. R. Green, 1243 Columbine, Denver, Colorado.

Largest Stockholders:

Walter A. Falk, 1350 Fillmore St, Denver, Colorado
Carl H. Peterson, 4307 Tejon, Denver, Colorado
Robert C. Brown, 4307 Tejon, Denver, Colorado
W. R. Green, 1243 Columbine, Denver, Colorado.

4. Walter W. Bentley will be the consulting engineer. He has had wide experience as a mining engineer. He was with Anaconda Copper Company 20 years, and with U.S. Bureau of Mines 4 years, and was with American Smelter & Refining Company for one year as resident engineer for Colorado.

5. The Falk Metals Corporation has bought the mine on a Purchase Agreement.

6. See copy of Purchase Agreement which is attached.

7. Does not apply.

8. See attached financial statement.

9. The corporation is financially prepared to furnish its portion of the funds as requested in Section 9 of Mineral Order 5.

10. (a) See attached map. The patented claims and some of the unpatented claims are shown in green on the map.

(b) The exploration will be conducted on the Lulu and the Contact mining claims No.9974 and on the Lulu Extension No.10804 and perhaps some of the Katie No.7586. The exploration will consist of cutting a number of trenches to determine the location and amount of ore available for open pit mining; also a diamond drilling program to determine the depth of the ore body and also the extent of coverage by the ore body; also the opening of a short tunnel on the Lulu claim near the top of Lulu Pass and determining the quantity and quality of ore in this tunnel. Also opening and re-conditioning the tunnel system as shown on page 66 of Bulletin 811-A by T. S. Lovering. This will probably consist of repairing the track and the air pipe and air ventilation pipe and cleaning out small caveins and general rehabilitation of the tunnels.

11. As far as we know this property has always gone under the name of Glengary Mine.

12. The Glengary Mine is located approximately five miles North and slightly West of Cooke, Montana, which is an inland town located on Highway No. 12 which runs from Red Lodge to Gardner, which is 40 miles due West or 57 miles by road. Gardner is a railway shipping point. Red Lodge is on Highway 12 about 66 miles Northeast of Cooke. Red Lodge is also a railway shipping point. The highway to Gardner is kept open all winter. The highway from both Red Lodge and Gardner are excellent black top highways and are kept in good condition at all times.

13. The source of water is the Clark Fork of the Yellowstone River which is permanent at all times of the year and in sufficient quantities for any and all needs.

There is no public electric power available. The power would be diesel powered engines which in most cases would be directly attached to the equipment operated and at a later date a diesel power generating plant would have to be installed.

14. There is a 25 or 30 ton mill, consisting of a crusher, a grizzly, ball mill, spiral classifier, one 4-Denver sub A flotation machine, thickner tank, amalgamation ball mill, one 500 cubic feet Ingersoll-Rand belt driven air compressor, drill press, lathe, 4 air receivers, one 125 H.P. electric motor A.C., several small electric motors, one portable air compressor gas driven (in need of repair), considerable pipe and fittings, line shafts, pulley, belting, saw mill (small and powered with a 75 H.P. Holt engine), assay office, two gasoline furnaces and some equipment (in need of repair).

The air compressor listed here is not powered and is too large and heavy to be practical on this operation. All the rest of the equipment will have to be over-hauled and repaired and at this time it is impossible to state the exact condition of this equipment.

Useable buildings consist of a bunk house and boarding house which are in need of repair.

15. We are arranging to finance and erect a 150 ton mill on the property as soon as we can develop and prove this ore to accommodate this size mill.

The concentrates will be trucked to Gardner and shipped to the Anaconda Copper Smelter at Anaconda, Montana.

16. (a) Please refer to pages 65 to 67 inclusive in Bulletin 811-A by T. S. Lovering, which is attached.

(b) The McLaren pit on mining claim New Years Gift No.1042 is approximately 1000 feet from the nearest corner of the Lulu mining claim No.3974 which will be operated by us.

The following is an extract from the Bureau of Mines Information Circular No.7546 by Glenn C. Reed.

> "Small scale operations were started in 1933 at the New Years Gift claim on the Southwest flank of Red Mountain. In late 1934 a concentrating plant was constructed by the company at Cooke. This plant, later destroyed by fire, was redesigned and rebuilt. In 1938 the Newmont Mining Corporation acquired interest in the property and undertook an extensive exploratory program. This interest was relinquished in 1940. This property has since become a consistent producer. Production since 1935 has amounted to 824 tons of copper and 36,000 ounces gold.
>
> The deposits,as exposed by open-cuts, is 30 to 40 feet thick and about 500 feet long. It strikes about S. 10° to 15° W. and is nearly flat-dipping. According to company officials, the ore body has been traced by core-drilling for an additional 1,000 feet along the strike. Significant extensions in depth also were reported.
>
> The predominant ore minerals are pyrite, chalcopyrite, bornite, covellite, native copper, and several oxidized copper compounds. Occasional specks of galena and sphalerite also were noted. Run-of-mine ore contains 0.1 to 0.4 ounce gold a ton and 0.8 to 1.5 percent copper. Inferred reserves may amount to more than 300,000 tons.
>
> Annual production has approached 40,000 tons of crude ore mined and milled."

(c) See attached extracts from Gordon E. Adnerson, M.E. report.

17. (a) See attached Bulletin 811-A pages 65 to 67.

18. (a) See extracts from the attached report by Gordon E. Anderson.

(b) See map attached.

(c) Not determined.

19. We are applying for Access Road improvement on the roads between the highway which runs through Cooke and the Glengary mines.

20. The exploration will be conducted for copper ore, open pit deposits and also for copper ore in the tunnel located on the Lulu mining claim No.9974.

21. It will require about four months to clean out the tunnels, bulldoze the trenches and do the diamond drilling.

22. For geological maps please refer to pages 10 and 50, and also photo on page 66 in Bulletin 811-A by T. S. Lovering.

23. (a) 2 diamond drill operators, each $16 per day for 60 days $ 1,920.00
2 Jack Hammer men $14 each, or $28 per day for 60 days 1,680.00
1 Mechanic Helper man $16 per day, 60 days 960.00
1 Cook $200 per month, 60 days 400.00
2 Helpers $12 per day, 60 days 1,440.00
$ 6,400.00

(b) Supervison $500 a month, 3 months 1,500.00

(c) Repairs to Boarding house and Bunk house 500.00

(d) Lumber for small construction 1,500.00

(e) Equipment to be purchased:
1 Diamond drill with rod and bit 4,000.00
1 Engine for diamond drill 1,000.00
1 Mucking Machine 2,825.00
1 Compressor 320 cubic feet 6,000.00
2 Jack hammers with legs 1,240.00
Hoses, tanks etc., 400.00
Small tools, 500.00
1000 feet 2-inch pipe 400.00
1 Jeep 1,400.00

(f) Cat work, 480 hours @ $16 per hour 7,680.00

(g)

(h) 10 sets steel 600.00
Fuses and caps 230.00
25 boxes powder 500.00

(I) Freight estimated 2,500.00
Boarding house supplies 1,500.00

$ 40,675.00

24. We think it will take four months provided the project is approved early enough for us to get in the required amount of work before snow falls, if not, it will have to be extended over into next year.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

FALK METALS CORPORATION By Carl H. Peterson
Carl H. Peterson

June 6 1951 Secretary

THIS AGREEMENT, made this first day of May, 1951, by and between COOKE MINING COMPANY, a Montana corporation having its principal place of business in the City of Helena, Montana, Max Trunz and Amelia Trunz, his wife, of the Borough of Brooklyn, County of Kings, City and State of New York, Lester A. Crone, Alfred F. Crone, Nell B. Crone and John L. Crone as Executors under the last Will and Testament of Seth A. Crone, Deceased, having a place for the transaction of business at 140 Cedar Street in the Borough of Manhattan, City, County and State of New York, hereinafter called the vendors, and Walter A. Falk of 55 Monmouth Street, Brookline 46, Massachusetts, hereinafter called the purchaser,

W I T N E S S E T H:

That the said purchaser agrees to buy, and the said Cooke Mining Company agrees to sell and convey to the purchasers, the premises and property, situated in the New World (unorganized) Mining District in Park County, Montana, to wit: ALL of the right, title and interest of Cooke Mining Company in and to those certain patented Lode Mining Claims described and known as

> the "K & K", the "West Portland", the "East Portland", the "Portland No. 4", the "Lizzie", the "Jennie V", the "Spaulding", and the "Maggie", designated by the Surveyor General as Survey No. 9170, the patent for which, from the United States, is recorded in Book 48 of Deeds, at pages 214 to 216, inclusive, in the office of the County Clerk and Recorder of Park County, Montana; The "Katie", designated by the Surveyor General as Survey No. 7326.

Also, all right, title and interest of said Cooke Mining Company in and to the following unpatented Lode Mining Claims, to wit:

> The "Portland Fraction", the certificate of location of which is recorded in Book 11 of Locations, at page 52, in the office of the County Clerk and Recorder of Park County, Montana;

The "Cora Extension", the certificate of location of which is recorded in Book 9 of Locations, at page 592, in the office of the County Clerk and Recorder of Park County, Montana;

The "Jane", the certificate of location of which is recorded in Book 9 of Locations, at page 55, in the office of the County Clerk and Recorded of Park County, Montana;

The "Agnes M", the certificate of location of which is recorded in Book 9 of Locations, at page 603, in the office of the County Clerk and Recorder of Park County, Montana;

The "D & G", the certificate of location of which is recorded in Book 11 of Locations, at page 99, in the office of the County Clerk and Recorder of Park County, Montana;

The "G & P", the certificate of location of which is recorded in Book 11 of Locations, at page 98, in the office of the County Clerk and Recorder of Park County, Montana;

The "S & K", the certificate of location of which is recorded in Book 11 of Locations, at page 100, in the office of the County Clerk and Recorder of Park County, Montana;

ALL real and personal property, if any, of any kind and nature other than and in addition to the above and foregoing, now held by the Grantor, and situated in Park County, State of Montana;

together with all the dips, spurs, and angles, and also all the metals, ores, gold and silver bearing quartz, rock and earth therein, and all the rights, privileges and franchises thereto incident, appendant and appurtenant, or therewith usually had or enjoyed; and also all and singular, the tenements, hereditaments, and appurtenances thereunto belonging, or in anywise appertaining, and the 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 Grantor, of, in or to the said premises, and every part and parcel thereof, with the appurtenances.

The said Max Trunz and Amelia Trunz, his wife, agree to sell and convey to the said purchaser, and the said purchaser agrees to buy all of the right, title and interest of the said Max Trunz and Amelia Trunz in and to following-described patented Lode Mining Claims, situated in the New World (unorganized) Mining in Park County, Montana, to wit:

The Lula and Contact Lode Mining Claims, designated by the Surveyor General of the State of Montana, as Mineral Survey No. 9974 and the Lula Extension Lode Mining Claim designated by the Surveyor General of Montana as Mineral Survey No. 10284.

together with all the dips, spurs, and angles, and also all the metals, ores, gold and silver bearing quartz, rock and earth therein, and all the rights, privileges and franchises thereto incident, appendant and appurtenant, or therewith usually had or enjoyed; and also all and singular, the tenements, hereditaments, and appurtenances thereunto belonging, or in anywise appertaining, and the 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 Grantor, of, in or to the said premises, and every part and parcel thereof, with the appurtenances.

The said Lester A. Crone, Alfred F. Crone, Nell b. Crone and John L. Crone, as Executors of the last Will and Testament of Seth A. Crone, Deceased, agree to sell and convey to the said purchaser and the said purchaser agrees to buy, the personal property, located upon the premises herein above described, enumerated and described in the schedule thereof hereto attached, marked "Exhibit 'A'" and hereby referred to and made a part hereof, upon the terms and conditions hereinafter set forth.

And the said purchaser agrees to pay to the said vendors for the said premises and personal property the sum of Seventy-six Thousand Seven Hundred Fifty ($76,750.00) Dollars, without interest on deferred payments, payable as follows, to wit:

Six Thousand Seven Hundred Fifty ($6,750.00) Dollars in cash on the execution and delivery of this agreement; forty (40) per cent of the value of all gold and other metals and minerals removed from the premises, during the term from May 1, 1951 to May 1, 1952, and thereafter, until payment of the purchase price in full, as smelter returns are received; provided, however, that in each year, beginning May 1, 1952,

in the event that forty (40) per cent of the value of all gold and other metals and minerals removed from the premises does not amount to the sum of Fifteen Thousand ($15,000.) Dollars, the purchaser shall at the end of the year pay the balance, it being the intention of the parties that the said purchaser shall, in any event, pay upon the purchase price, each year, beginning May 1, 1952, not less than the sum of Fifteen Thousand ($15,000.) Dollars. And in lieu of interest on deferred payments (and in addition to the purchase price above mentioned) the purchaser is to pay the sum of Two Hundred Fifty ($250.) Dollars per month throughout the life of this agreement, payable on or before the second day of each month, beginning June 2, 1951. All payments to be made under the terms hereof, except taxes, shall be made at the office of William A. Kirk, Attorney at Law, of 48 Wall Street, New York 5, New York. And in addition, the purchaser is to pay, before the same become delinquent, all taxes to accrue upon the real and personal property above mentioned and described, including taxes for the year 1951, and in addition, the purchaser agrees to report and pay when due, all taxes to accrue upon any and all metals, minerals and other substances of value removed and marketed from the said premises.

The purchaser shall do all work in miner-like manner, keeping all shafts, tunnels, drifts, winzes, upcasts and other working places in useable and safe condition, and when necessary to support the walls of the mine to make the same safe, he shall timber the same in such manner as to, as far as practicable, prevent caving or other cover of the ore veins developed on said properties. The vendors or their agents shall have the right at all convenient times to enter into and upon such workings, provided such inspections shall be made at the vendors' risk.

The purchaser agrees to indemnify and save harmless the vendors from all liability and expense resulting from the operations of the purchaser upon the leased premises, and to this end agree to do and perform the following acts:

(a) To comply with all federal and state laws and regulations regarding safety provisions;

(b) To assume all responsibility for accidents connected with their operations, and to carry Industrial Accident Insurance with the State of Montana as provided for by the Workmen's Compensation Laws of the State of Montana, and to fully comply with such laws;

(c) To promptly pay all wages of employees, and for all materials and supplies furnished for their use, and in that manner to prevent the filing of liens of miners, mechanics or materialmen against the premises;

(d) To post, at conspicuous places upon the leased premises, notices, signed by the purchasers, stating that the property is being operated under contract from the vendors, and that the vendors are not responsible, and that the purchaser is solely responsible for the payment of wages of all employees and of all acounts for materials and supplies furnished to or for the use of the vendors, and that all employees and others shall take notice accordingly.

That at all times during the life of this agreement the owners shall have the right to keep an observer or a watchman upon the premises, and for that purpose hereby reserve the right to the use of sufficient space in the buildings upon the said premises for living quarters for such observer or watchman, and such observer or watchman shall be entitled at all reasonable times to inspect the work of the purchaser.

The personal property hereinabove mentioned shall at all times during the life of this agreement be kept upon the premises hereinabove described, and until the said purchaser has complied fully with the terms and conditions hereof, the title to and ownership of the said personal property shall remain in the said Estateof Seth A. Crone, deceased,

but that upon full performance of the terms and conditions hereof by the said purchaser, the title to and ownership of the said personal property shall pass to the said purchaser.

That time is made of the essence hereof, and that in the event of default on the part of the purchaser in the performance of any of the terms or conditions hereof or if the said personal property or any part thereof shall be removed from the said premises or shall be attached, levied upon, sold, mortgaged or pledged, then the total amount owing and unpaid shall, at the election of the vendors, become immediately due and payable, and this agreement, at the option of the vendors, may be cancelled and terminated by giving to the purchaser thirty (30) days' notice in writing, of the vendors' intention to cancel and terminate the contract, setting forth in said notice the amount owing and the time and place when and where payment may be made by the purchaser. It is agreed that the time of notice above specified is a reasonable time, and that such notice shall be sufficient to cancel all obligations on the part of the vendors, and fully reinvest them with all title and interest agreed to be conveyed, if payment is not made by the purchasers within the time limited, and the purchaser shall forfeit all payments made by them on account of this agreement and all right, title and interest in and to the said premises and personal property, and the vendors shall be entitled to the immediate possession of the said premises and personal property, and may recover the possession thereof either with or without process of law, and by force if necessary, and that in any action brought by the vendors to recover the possession of the said premises and personal property, or any part thereof, if judgment be entered in favor of the said vendors, it shall include reasonable attorney's fees, in addition to other costs.

The purchaser agrees to do all necessary assessment work so as to keep the above-named unpatented claims in good standing and to file proof thereof with the proper authorities, or to file notices of intention to hold the said claims without assessment work as provided for by act of Congress whenever such assessment work is not required.

During the life of this agreement, the vendors shall be furnished with duplicate or attested copies of all reports of assays of samples taken from the said premises and shall be correctly advised as to the numbers and location upon the premises of the drill hold or other working from which each sample assayed was taken. That the owners shall also be furnished with duplicate or attested copies of the reports of the smelting or other treatment of ores, metals and minerals taken from the said premises, such duplicate or attested copies to be furnished as they are received from the smelter. All ores, metals, minerals and concentrates thereof shall be shipped to the smelter in the names of the vendors and the purchaser and the share of the vendors in the proceeds received from such ores, metals, minerals and concentrates, shall be remitted to the vendors direct.

It is understood and agreed that from the value of the gold and other metals and minerals removed from the premises, twenty (20) per cent thereof is to be deducted for cost of mining, concentrating, transporting and smelting or treatment, and eighty (80) per cent of the residue shall be divided equally between the vendors and the purchaser, that is to say, the vendors shall be entitled to forty (40) per cent of such value and the purchaser shall be entitled to the remaining forty (40) per cent thereof; provided, however, that in the event that the cost of mining, concentrating, transporting and smelting or treatment shall exceed twenty

(20) per cent of the value of such gold and other metals and minerals, such excess shall be deducted from the percentage to which the purchaser would otherwise be entitled.

It is further agreed that the personal property hereinabove mentioned shall be carefully used by the said purchaser and any portions thereof used by the purchaser shall be kept in repair by the purchaser and any parts broken or worn out by the purchaser shall be promptly replaced by them.

It is further agreed that the vendors make no representations whatever as to the value or condition of the real and personal property which is the subject of this agreement, or as to whether any minerals exist in the real property, and that no abatement in the purchase price shall be made for any shortage either in the real or personal property, it being distinctly understood that the purchaser buys both the real and personal property in their present condition, after examination on his part.

It is further understood and agreed, as follows: that notice given by mail, addressed to the purchaser at 55 Monmouth Street, Brookline 46, Massachusetts, shall be sufficient for all purposes under the terms hereof, that upon the payment by the purchaser of the sum of Ten Thousand ($10,000.) Dollars upon the purchase price hereinabove specified, the vendors will, within thirty (30) days, submit to the purchaser for examination by him, an abstract or abstracts of title for the patented claims above described, showing good and merchantable title thereto, free and clear of liens and encumbrances, in the names of the vendors; that the said purchaser will, within thirty (30) days thereafter, notify the vendors in writing, of any defects or objections to the titles, as disclosed by the said abstracts, and the vendors

shall have a reasonable time thereafter in which to clear up such defects as shall exist; upon the full performance of the terms and conditions hereof by the said purchaser, the said premises and personal property shall be conveyed to the purchaser by the vendors.

Anything herein contained to the contrary, notwithstanding, the purchaser may at any time prior to January 15, 1952, pay to the sellers the sum of Forty-five Thousand ($45,000.) Dollars in full settlement of all deferred payments under this contract, that is, in full settlement of all payments except the down payment on this contract of Six Thousand Seven Hundred Fifty ($6,750.) Dollars, and the Two Hundred Fifty ($250.) Dollars per month accruing up to the time of such payment.

It is further understood and agreed that all payments made to the vendors shall be made to the Cooke Mining Company, at the office of William A. Kirk, 48 Wall Street, in the Borough of Manhattan, City, County and State of New York, and that all checks shall be drawn to the order of the Cooke Mining Company.

IN WITNESS WHEREOF, the individual parties hereto have hereunto affixed their signatures and seals, and the corporate parties hereto have caused their corporate names and seals to be hereunto affixed the day and year first above written.

COOKE MINING COMPANY

By William A. Kirk
William A. Kirk, President

ATTEST:

Eleanor Kirk
Secretary

Max Trunz (L.S.)
Max Trunz

Amelia Trunz (L.S.)
Amelia Trunz

Lester A. Crone (L.S.)
Lester A. Crone

(L.S.)
Alfred F. Crone

Nell B. Crone (L.S.)
Nell B. Crone

John L. Crone (L.S.)
John L. Crone

As Executors under the Last Will and Testament of Seth A. Crone, deceased.

Walter A. Falk (L.S.)
Walter A. Falk

# E X H I B I T "A"

1. 1 diesel engine, Fairbanks-Morse, Type Y, 75 hp No. 385886 (dismantled and parts scattered all over engine room).

2. 1 air compressor, belt driven, Ingersoll-Rand Type X B, right hand side No. 34989PP, left hand side No. 34988PP.

3. 1 air compressor, portable, gasoline driven, Ingersoll-Rand Type 14 engine Waudesha Motor Co. Model P No. 48409 (one compressor port cap missing, also fan bracket on engine missing, also spark plugs.

4. 1 air compressor, belt driven, 3 3/4" x 4", Fairbanks-Morse, No. 10075.

5. 1 Oliver Filter, 6' x 4' No. 4-2805 (partly dismantled).

6. 1 lathe (South Bend Lathe Works) 6' bed.

7. 1 Fuller and Johnson stationery engine No. 70614 hp. 5

8. 1 Monarch scale (platform).

9. Shafting 3 pieces 2 3/8" diameter 78" plus 1 piece 13 ft. long.

10. 1 two ton chain block (Yale and Towne).

11. 1 40" chain wrench.

12. 50 feet of 10" leather belting, 37 feet of 10" rubber belting, 120 feet of 6" rubber belting, 53 feet of 4" rubber belting, 59 feet of 3" rubber belting, 18 feet of 2" rubber belting. Some of this is usable.

13. 1 Greenfield No. 2 pipe vice.

14. 1 power drill press No. D 2020 also (10309) Champion 20" drill 6 drills, wrenches and gears.

15. 2 over head line shafts.

16. Electric controll panel 3 switches.

17. 1 bench vice leg type.

18. 1 wall teliphine compressor room.

19. 2 screw jacks and assorted small tools and bolts and fittings.

~~20. 2 screw jacks and assorted small tools and bolts and fittings.~~

20. 1 12" x 5" la b ball mill No. A-607.

21. 1 pulverizer May 18, 1909 broken.

22. 1 Denver Equipment lab flotation cell (B 159A) 1000 gr. A-305.

23. 1 Amalgator N1.24 Denver Equipment Co. size 24" diameter by 36" long No. A961 barrel No. G 144A.

24. 1 20 gal. air receiver.

25. 1 air receiver 25" dia. x 8' upright.

26. 1 3' chain tong.

27. 1 Deco Rotary Conditioner Tank 4' x 4'.

28. 6 sub A. Denver Equipment flotation cells No. 12 A-845 with line shaft power partly dismantled.

29. 1 3 composite 12" Denver feeder A-969 condition, fair and rusty.

30. 1 Colorado Iron Works 4' x 4' ball mill No. 140-934 usable.

31. 1 15" x 6' Denver ore feeder belt driven No. B P A-674.

32. 1 Denver Equipment dry reagent feeder cone type No. 12 No. A-969.

33. 1 Aiken Spiral Classifyer No. 141-1934 13' x 24".

34. 1 6' x 6' wood water tank.

35. 1 Wilfley table power head fair condition.

36. 1 6" x 12" Denver jaw crusher belt driven No. BPA-996.

37. 1 grizzle 45" x 48" (bar type 1½").

38. 1 4 cylinder Fairbanks Morse Engine (diesel) dismantled no crank shaft outside mill building.

39. 1 3' chain tong. (in warehouse).
1 Wilfley table ½ size No. A-137 (in warehouse).

40. 1 Wilfley sand pump 2" condition fair.

41. 1 small Fairbanks-Morse gas engine Z type and 1 large 3 hp. 450 RPM fair.

42. 1 Westing-House motor 100 hp.

43. 1 G. E. Generator 900 RPM volt 480.

44. 1 control panel.

45. 1 induction type motor 440 volt. 25 hp. 60 cycle.

46. 1 induction type motor 440 volt 3 hp. No. 404939 fair.

47. 1 electric motor 220 volt. or 440 volt. 3 hp. No. 1800 or 50030 with broken jacket.

48. 50 feet red air hose (old, may be usable).

49. 1 primary transformer (small) G. E. No. 3042625 serial no. 305247 type B11 60 cycle volt 220 or 440.

50. 1 induction motor starter type 00 No. 13670 hp. 30-40 volt 60.

51. 1 electric motor 220 or 440 volt. 3 hp. same as No. 47.

52. Miscellaneous fittings (outside of Building) 1 air receiver 40" x 10' 1 air receiver 4' x 16', 2 oil tanks 64" x 6', pipe lines and valves

53. Machine Shop, 1st. building north of assay office
1 log assay furnace complete with electric driven blower fair)
4 log peeves, logging tong, 1 rip saw for saw mill 48", 2 cut off saws for same 48" in dia. 1 belt tightner 6' long, 1

Fairbanks-Morse gas starting engine 6 hp. No. 582960, 1 G. E. electric generator K. W. 3 RPM 1850 volts 125 MPS24 Serial No. 49637 type CE. 1 small 2" x 2" jaw crusher, (Denver Clay Products Co.), No. 1.-No. T 62, 1 Denver Equipment double pully pulverizer with line shaft for flat belt, miscellaneous pipe fittings, pulleys and bearings, 3 small screw jacks, 2 tons of 5" steel balls for ball mill.

54. Equipment in assay office 1 double-decker bed, 1 telephone (wall type), 2 kegs of 16 penny nails, 1 lab crusher (jaw missing), ½ keg of light fixtures (insulators), miscellaneous crucibles 200 or more, 1 Denver Fire Clay over No. 13 (poor condition), 8 assay tongs, 1 pressure air tank for furnace, assorted chemicals (poor condition), 1 slag pot, 1 centrifugal pump 1" No. 56100, 1 long handled shovel.

55. Equipment in blacksmith shop. 1 Gardiner Denver drifter (no good), 1 Ingersoll-Rand stopehamer (old style, no good), 1 2 foot chain tong, 9 blacksmith tongs, 4 blacksmith hardies, 5 blacksmith swedges, 1 ladle spoon, 1 3½' chain tong, 2 jack hammer shells (no good) quantity of miscellaneous bolts, pipe fittings, valves, 1 Lancaster forge blower and stand No. 40, 1 150 lb. anvil, 1 Ingersol-Rand machine drill sharpener No. 2366 L.R. No. 33, one 6" bench vice with broken jaw 10 kegs of assorted nails, all rusty, 2 one ton ore cars in poor condition, Miscellaneous lengths of 1"-1½"-2"-3" pipe badly rusted), 16 pound mine rails in mine (usable).

56. Powder Magazine approximate size 10' x 15' x 8' in height, galvanized sheet covering (usable).

57. Saw Mill Building (caved in by weight of snow) could salvage about 4000 feet of usable lumber, balance of equipment of saw mill badly damaged by cave-in of the building, doubtful if any of same can be used.

58. 1 No. 2 gyratory crusher disassembled and parts missing (no good).

59. 3 spools of different sized cable used and rusty (no good).

60. No. 1 cabin N. E. (paper completely off of the roof) building in very bad shape. Size of cabin 22' x 12'.
1 iron bed with spring, 1 air tight heater, 1 porcelain work sink with fittings, badly stained.

61. Equipment outside between blacksmith shop and saw mill 1 Gardiner-Denver compressor, bad shape, 1 keg of 3" track spikes, 4 50 gal. barrels of S. A. E. oil covered up by fallen building, 1 Ingersoll-Rand sharpner (junk), 1 Holt gas engine approximately 60 hp. damaged by cave-in of saw mill building, 8" air pipes galvanized (no good), 45 50 gal. diesel fuel drums, 1 Fordson tractor needs overhauling, 1 6 wheel lumber truck, 1 air receiver 36" x 8", 4 45" x 20' diesel fuel oil tanks, 1 large tank, large end 6½' x 19', small end 4' 1 25' x 35' tank, 1 9' x 3' tank, 1 2' x 6' fuel oil tank, 1 2' x 6' air receiver badly rusted (no good).

62. ½ drum of kerosene, 2 tons of cement and one ton of lime, (no good) ruined by water, for lack of repairs on roof of warehouse in which it is stored, 3 bbls. of znnthate for reagents of use in mill, 1 5' x 12" bull wheel, 1 shaft, 7' x 3½" with gear and shaft bearing.

63. Bunk house and cook house West side of watchman's quarters, most of roofing gone and badly in need of repair.
1 2 oven Majestic Range rusted badly from lack of repair on roof, 8 empty 50 gal. oil drums, 10 metal cots, simmons, 1 barrel heater rusted badly. 1 heater, needs new grates and side lining.

64. Bunk house North side of watchman's quarters, roof badly in need of repair.
1 German transit, 1 ribbon cross-cut saw, 6' long, 1 complete iron bed with spring, 1 sheet iron stove (small).

65. Watchman's Quarters
1 Heatrola (heater), 1 drum brick-lined coke heater, 1 single cot, simmons, 1 double bed, kitchen range, 1 sink, chairs, dressers, tables and clock, 1 small set of gold scales.

66. Little garage, south side of watchman's quarters
1 Cushman Husky 1½ hp. gas engine air cooled, 1 double bench grinder.

67. Bunk house south of watchman's quarters, roof badly in need of repair and building the same.
9 all metal cots, simmons, 1 heater rusted out.

68. Machinery outside and in tractor garage
1 Card and Webber steam engine (no good) 1 Fordson tractor and snow drum equipment dismanteled and parts missing (no good), 1 Sampson jaw crusher broken (no good) 1 30 hp. steam boiler flue linings rusted out and boiler in bad condition.

# A S S I G N M E N T

FOR AND IN CONSIDERATION of Ten Dollars ($10.00) to me in hand paid by Falk Metals Corporation, a Colorado Corporation, with its principal office and place of business in the City and County of Denver and State of Colorado, the receipt whereof is hereby confessed and acknowledged, and other good and valuable considerations, I do hereby sell, set over, transfer, convey and assign unto the said Falk Metals Corporation that certain agreement in writing, and all my right, title and interest thereto, and the property and premises covered thereby, wherein Cooke Mining Company, a Montana corporation, having its principal place of business in the City of Helena, Montana, Max Trunz and Amelia Trunz, his wife, of the Borough of Brooklyn, County of Kings, City and State of New York, Lester A. Crone, Alfred F. Crone, Nell B. Crone, and John L. Crone, as executors of the last will and testament of Seth A. Crone, deceased, having a place for the transaction of business at 140 Cedar Street in the Borough of Manhattan, City, County and State of New York, are designated as vendors, and Walter A. Falk of Boston, Massachusetts, is designated as purchaser, which said agreement, by reference, is incorporated in and made a part hereof, and pertains and refers to the following described premises and properties situated in the New World (unorganized) Mining District in Park County, Montana, to-wit:

1. All of the right, title and interest of Cooke Mining Company in and to those certain patented lode mining claims described and known as the "K & K", the "West Portland", the"East Portland", the "Portland No. 4", the "Lizzie", the "Jennie V", the "Spaulding", and the "Maggie", designated by the Surveyor General as Survey No. 9170, the patent for which, from the United States, is recorded in Book 48 of Deeds, at pages 214 to 216, inclusive, in the office of the County Clerk and Recorder of Park County, Montana; The "Katie", designated by the Surveyor General as Survey No. 7326.

2. All of the right, title and interest of the said Cooke Mining Company in and to the following unpatented lode mining claims, to-wit:

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The "Portland Fraction", the certificate of location of which is recorded in Book 11 of Locations, at page 52, in the office of the County Clerk and Recorder of Park County, Montana;

The "Cora Extension", the certificate of location of which is recorded in Book 9 of Locations, at page 592, in the office of the County Clerk and Recorder of Park County, Montana;

The "Jane", the certificate of location of which is recorded in Book 9 of Locations, at page 55, in the office of the County Clerk and Recorder of Park County, Montana;

The "Agnes M", the certificate of location of which is recorded in Book 9 of Locations, at page 603, in theoffice of the County Clerk and Recorder of Park County, Montana;

The "D & G", the certificate of location of which is recorded in Book 11 of Locations, at page 99, in the office of the County Clerk and Recorder of Park County, Montana;

The "G & P", the certificate of location of which is recorded in Book 11 of Locations, at page 98, in the office of the County Clerk and Recorder of Park County, Montana;

The "S & K", the certificate of location of which is recorded in Book 11 of Locations, at page 100, in the office of the County Clerk and Recorder of Park County, Montana;

All real and personal property, if any, of any kind and nature other than and in addition to the above and foregoing, now held by the Grantor, and situated in Park County, State of Montana;

together with all the dips, spurs, and angles, and also all the metals, ores, gold and silver bearing quartz, rock and earth therein, and all the rights, privileges and franchises thereto incident, appendant and appurtenant, or therewith usually had or enjoyed; and also all and singular, the tenements, hereditaments, and appurtenances thereunto belonging, or in anywise appertaining, and the 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 Grantor, of, in or to the said premises, and every part and parcel thereof, with the appurtenances.

3. All right, title and interest of the said Max Trunz and Amelia Trunz, his wife, in and to those certain patented lode mining claims described and known as:

The Lula and Contact Lode Mining Claims, designated by the Surveyor General of the State of

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Montana, as Mineral Survey No. 9974 and the Lula Extension Lode Mining Claim designated by the Surveyor General of Montana as Mineral Survey No. 10284;

together with all the dips, spurs, and angles, and also all the metals, ores, gold and silver bearing quartz, rock and earth therein, and all the rights, privileges and franchises thereto incident, appendant and appurtenant, or therewith usually had or enjoyed; and also all the singular, the tenements, hereditaments, and appurtenances thereunto belonging, or in anywise appertaining, and the 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 Grantor, of, in or to the said premises, and every part and parcel thereof, with the appurtenances.

4. All of the right, title and interest of the said Lester A. Crone, Alfred F. Crone, Nell B. Crone, and John L. Crone, as executors of the last will and testament of Seth A. Crone, deceased, in and to the personal property located upon the premises hereinabove described, enumerated and described in the schedule thereof attached to the agreement made a part hereof by reference as Exhibit "A" thereof.

TO HAVE AND TO HOLD unto the said Falk Metals Corporation Corporation, its successors and assigns, from this date forward.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 25th day of May, A. D. 1951.

Walter A. Falk

Walter A. Falk

WITNESS:

W R Green

Cecile L Fore

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[illegible] TRANSMITTAL

June 14, 1951

Mr. Otto Herres, Chief
Lead-Zinc Branch,
U.S. Department of Interior,
Defense Minerals Administration,
Washington 25, D.C.

Dear Mr. Herres:

The following list of exhibits have been made in conformity with Form DF-103, application for aid for an exploration project pursuant to Mineral Order 5 under the Defense Production Act of 1950.

Loan application is for Falk Metals Corporation on their group of mines known as the Glengary Mines in Park County, Montana.

First exhibit attached is Bulletin 811-A, New World or Cooke City Mining District, Park County, Wyoming, by T. S. Lovering. Reference is made to this book from time to time in our application. As this book is out of print we were not able to secure copies for each copy of the application, therefore, we are attaching one copy of this book to the original copy of the application. Extracts from the book were copied and put in the copies of the application.

Pages 1, 2, 3, 4, and 5, are answering the questions in Form DF-103 and are self explanatory.

Pages 6 and 7 are extracts from a report made by Gordan E. Anderson, mining engineer of Cooke, Montana. Page 8 contains the extracts spoken of in the previous paragraph.

The next exhibit attached is the Purchase Agreement on the properties to be operated by the Falk Metals Corporation. The next exhibit attached is an Assignment by Walter A. Falk, to the Falk Metals Corporation, of the properties.

The third and fourth exhibits attached are assays taken on the properties for which application is made. The last exhibit attached is the map showing the location of the properties, however, a few of the unpatented claims do not show on this map. This map also shows the location of these claims relative to the McClaren pit.

At the next meeting of the Board of Directors the valuation of the properties will be made and a financial statement will be forwarded to you at that time.

Very truly yours,

FALK METALS CORPORATION

By Earl H. Peterson

WHG:w

Form MF-103
(April 1951)

# U. S. DEPARTMENT OF THE INTERIOR
## DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

# APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. DMA-1693X

Date received 6/15/51

Participation

No Mt. Weather Reports.

Falk Metals Corporation
Mercantile Building,
1031 - 15th Street
Denver, Colorado.

Name and address of applicant

Date June 6 1951

FILL IN THIS BLOCK

Date of application

Estimated cost

Mineral or metal Copper and gold

Percentage of Government participation 50-50

Location of mine About five miles north and slightly west of Cooke, Montana, in section 11, Township 9 South, Range 14 East.

See attached application.

Date of filing MF-100

DMA Docket Number, if available

## INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

## THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

## THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

    NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.
*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.
*13. State source and quantity of water available for operations and its sufficiency at all seasons.
State amount of power to be used, rate per hour or other cost, and source.
*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.
15. State in detail how the ore could be shipped and how and where milled.
*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.
*17. Production:
    (*a*) If mine is in production, furnish the following information:

| | *Tons per day* | *Grade or analysis* | *Cost per ton* | *Net value per ton* |
|---|---|---|---|---|
| (1) Mining | | | | |
| (2) Milling | | | | |
| (3) Shipped or sold | | | | |

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.
19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

## THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?
21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.
22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

## THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.
24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

## CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

PALM METALS CORPORATION
(Name of company)

By Carl H. Peterson
(Signature of authorized official)

June 6, 1961
(Date)

Carl H. Peterson, Secretary
(Title)

**Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.**

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES [illegible]

Application for aid for an Exploration Project pursuant to Mineral Order 6, under Defense Production Act of 1950.

Falk Metals Corporation,
Mercantile Building,
1031 - 15th Street,
Denver 2, Colorado.

| | |
|---|---|
| Date of Application, | June 6, 1951 |
| Mineral or Metal, | Copper and Gold |
| Location of Mine, | About 5 miles North and slightly West of Cooke, Montana in Section 11 Township 9 South, Range 14 East. |
| Estimated Cost, | $40,675.00 |
| Percentage of government participation | 50-50 |
| Date of filing, F-100 | |

1. Falk Metals Corporation, a Colorado corporation, Mercantile Building, 1031 - 15th Street, Denver, Colorado.

2. Does not apply.

3. The officers of the corporation are:

President, Walter A. Falk, 1350 Fillmore St., Denver, Colorado.
Vice-president, Robert G. Brown, 4307 Tejon, Denver, Colorado.
Secretary, Carl H. Peterson, 4307 Tejon, Denver, Colorado.
Treasurer, Robert G. Brown, 4307 Tejon, Denver, Colorado.

Directors:

Walter A. Falk, 1300 Fillmore Street, Denver, Colorado.
Robert G. Brown, 4307 Tejon, Denver, Colorado,
Carl H. Peterson, 4307 Tejon, Denver, Colorado
W. R. Green, 1243 Columbine, Denver, Colorado.

Largest Stockholders:

Walter A. Falk, 1350 Fillmore St, Denver, Colorado
Carl H. Peterson, 4307 Tejon, Denver, Colorado
Robert G. Brown, 4307 Tejon, Denver, Colorado
W. R. Green, 1243 Columbine, Denver, Colorado.

4. Walter W. Bentley will be the consulting engineer. He has had wide experience as a mining engineer. He was with Anaconda Copper Company 20 years, and with U.S. Bureau of Mines 4 years, and was with American Smelter & Refining Company for one year as resident engineer for Colorado.

5. The Falk Metals Corporation has bought the mine on a Purchase Agreement.

6. See copy of Purchase Agreement which is attached.

7. Does not apply.

8. See attached financial statement.

9. The corporation is financially prepared to furnish its portion of the funds as requested in Section 9 of Mineral Order 5.

10. (a) See attached map. The patented claims and some of the unpatented claims are shown in green on the map.

(b) The exploration will be conducted on the Lulu and the Contact mining claims No.0074 and on the Lulu Extension No.10284 and perhaps some of the Katie No.7326. The exploration will consist of cutting a number of trenches to determine the location and amount of ore available for open pit mining; also a diamond drilling program to determine the depth of the ore body and also the extent of coverage by the ore body; also the opening of a short tunnel on the Lulu claim near the top of Lulu Pass and determining the quantity and quality of ore in this tunnel. Also opening and re-conditioning the tunnel system as shown on page 66 of Bulletin 811-A by T. S. Lovering. This will probably consist of repairing the track and the air pipe and air ventilation pipe and cleaning out small cave-ins and general rehabilitation of the tunnels.

11. As far as we know this property has always gone under the name of Glengary Mine.

12. The Glengary mine is located approximately five miles North and slightly West of Cooke, Montana, which is an inland town located on Highway No. 12 which runs from Red Lodge to Gardner, which is 40 miles due West or 57 miles by road. Gardner is a railway shipping point. Red Lodge is on Highway 12 about 58 miles Northeast of Cooke. Red Lodge is also a railway shipping point. The highway to Gardner is kept open all winter. The highway from both Red Lodge and Gardner are excellent black top highways and are kept in good condition at all times.

13. The source of water is the Clark Fork of the Yellowstone River which is permanent at all times of the year and in sufficient quantities for any and all needs.

There is no public electric power available. The power would be diesel powered engines which in most cases would be directly attached to the equipment operated and at a later date a diesel power generating plant would have to be installed.

14. There is a 25 or 30 ton mill, consisting of a crusher, a grizzly, ball mill, spiral classifier, one 4-Denver sub A flotation machine, thickener tank, amalgamation ball mill, one 500 cubic feet Ingersoll-Rand belt driven air compressor, drill press, lathe, 4 air receivers, one 125 H.P. electric motor A.C., several small electric motors, one portable air compressor gas driven (in need of repair), considerable pipe and fittings, line shafts, pulley, belting, saw mill (small and powered with a 75 H.P. Holt engine), assay office, two gasoline furnaces and some equipment (in need of repair).

The air compressor listed here is not powered and is too large and heavy to be practical on this operation. All the rest of the equipment will have to be over-hauled and repaired and at this time it is impossible to state the exact condition of this equipment.

Usable buildings consist of a bunk house and boarding house which are in need of repair.

15. We are arranging to finance and erect a 150 ton mill on the property as soon as we can develop and prove this ore to accommodate this size mill.

The concentrates will be trucked to Gardner and shipped to the Anaconda Copper Smelter at Anaconda, Montana.

16. (a) Please refer to pages 65 to 67 inclusive in Bulletin 811-A by T. S. Lovering, which is attached.

(b) The McLaren pit on mining claim New Years Gift No.1042 is approximately 1000 feet from the nearest corner of the Lulu mining claim No.9874 which will be operated by us.

The following is an extract from the Bureau of Mines Information Circular No.7546 by Glenn C. Reed.

> "Small scale operations were started in 1933 at the New Years Gift claim on the Southwest flank of Red Mountain. In late 1934 a concentrating plant was constructed by the company at Cooke. This plant, later destroyed by fire, was redesigned and rebuilt. In 1936 the Newmont Mining Corporation acquired interest in the property and undertook an extensive exploratory program. This interest was relinquished in 1940. This property has since become a consistent producer. Production since 1933 has amounted to 824 tons of copper and 36,000 ounces gold.
>
> The deposits, as exposed by open-cuts, is 20 to 40 feet thick and about 800 feet long. It strikes about S. 10° to 15° W. and is nearly flat-dipping. According to company officials, the ore body has been traced by core-drilling for an additional 1,000 feet along the strike. Significant extensions in depth also were reported.
>
> The predominant ore minerals are pyrite, chalcopyrite, bornite, covellite, native copper, and several oxidized copper compounds. Occasional specks of galena and sphalerite also were noted. Run-of-mine ore contains 0.1 to 0.4 ounce gold a ton and 0.8 to 1.5 percent copper. Inferred reserves may amount to more than 300,000 tons.
>
> Annual production has approached 40,000 tons of crude ore mined and milled."

(c) See attached extracts from Gordon E. Adkerson, M.E. report.

17. (a) See attached Bulletin 811-A pages 65 to 67.

18. (a) See extracts from the attached report by Gordon E. Anderson.

(b) See map attached.

(c) Not determined.

19. We are applying for Access Road improvement on the roads between the highway which runs through Cooke and the Glengary mines.

20. The exploration will be conducted for copper ore, open pit deposits and also for copper ore in the tunnel located on the Lulu mining claim No.9974.

21. It will require about four months to clean out the tunnels, bulldoze the trenches and do the diamond drilling.

22. For geological maps please refer to pages 10 and 50, and also photo on page 66 in Bulletin 811-A by T. S. Lovering.

23. (a) 2 diamond drill operators, each $16 per day for 60 days $ 1,920.00
2 Jack Hammer men $14 each, or $28 per day for 60 days 1,680.00 ✓
1 Mechanic Helper man $16 per day, 60 days 960.00
1 Cook $200 per month, 60 days 400.00 ✓
2 Helpers $12 per day, 60 days 1,440.00 ✓
$ 6,400.00

(b) Supervison $500 a month, 3 months 1,500.00

(c) Repairs to Boarding house and bunk house 500.00 ✓

(d) Lumber for small construction 1,500.00 ✓

(e) Equipment to be purchased:
1 Diamond drill with rod and bit 4,000.00
1 Engine for diamond drill 1,000.00
1 Mucking Machine 2,025.00
1 Compressor 320 cubic feet 6,000.00 ✓
2 Jack hammers with legs 1,240.00 ✓
Hoses, tanks etc., 400.00 ✓
Small tools, 300.00 ✓
1000 feet 2-inch pipe 400.00 ✓
1 Jeep 1,400.00 ✓

(f) Hat work, 480 hours @ $16 per hour 7,680.00 ✓

(g)

(h) 10 sets steel 600.00 ✓
Fuses and caps 250.00 ✓
25 boxes powder 500.00 ✓

(i) Freight estimated 2,500.00 ✓
Boarding house supplies 1,500.00 ✓

$ 40,675.00

24. We think it will take four months provided the project is approved early enough for us to get in the required amount of work before snow falls, if not, it will have to be extended over into next year.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

FALK METALS CORPORATION By Carl H. Peterson
Carl H. Peterson

June 6 1951 Secretary

THIS AGREEMENT, made this first day of May, 1951, by and between COOKE MINING COMPANY, a Montana corporation having its principal place of business in the City of Helena, Montana, Max Trunz and Amelia Trunz, his wife, of the Borough of Brooklyn, County of Kings, City and State of New York, Lester A. Crone, Alfred F. Crone, Nell B. Crone and John L. Crone as Executors under the last Will and Testament of Seth A. Crone, Deceased, having a place for the transaction of business at 140 Cedar Street in the Borough of Manhattan, City, County and State of New York, hereinafter called the vendors, and Walter A. Falk of 55 Monmouth Street, Brookline 46, Massachusetts, hereinafter called the purchaser,

W I T N E S S E T H:

That the said purchaser agrees to buy, and the said Cooke Mining Company agrees to sell and convey to the purchasers, the premises and property, situated in the New World (unorganized) Mining District in Park County, Montana, to wit: ALL of the right, title and interest of Cooke Mining Company in and to those certain patented Lode Mining Claims described and known as

> the "K & K", the "West Portland", the "East Portland", the "Portland No. 4", the "Lizzie", the "Jennie V", the "Spaulding", and the "Maggie", designated by the Surveyor General as Survey No. 9170, the patent for which, from the United States, is recorded in Book 48 of Deeds, at pages 214 to 216, inclusive, in the office of the County Clerk and Recorder of Park County, Montana; The "Katie", designated by the Surveyor General as Survey No. 7326.

Also, all right, title and interest of said Cooke Mining Company in and to the following unpatented Lode Mining Claims, to wit:

> The "Portland Fraction", the certificate of location of which is recorded in Book 11 of Locations, at page 52, in the office of the County Clerk and Recorder of Park County, Montana;

The "Cora Extension", the certificate of location of which is recorded in Book 9 of Locations, at page 592, in the office of the County Clerk and Recorder of Park County, Montana;

The "Jane", the certificate of location of which is recorded in Book 9 of Locations, at page 55, in the office of the County Clerk and Recorded of Park County, Montana;

The "Agnes M", the certificate of location of which is recorded in Book 9 of Locations, at page 603, in the office of the County Clerk and Recorder of Park County, Montana;

The "D & G", the certificate of location of which is recorded in Book 11 of Locations, at page 99, in the office of the County Clerk and Recorder of Park County, Montana;

The "G & P", the certificate of location of which is recorded in Book 11 of Locations, at page 98, in the office of the County Clerk and Recorder of Park County, Montana;

The "S & K", the certificate of location of which is recorded in Book 11 of Locations, at page 100, in the office of the County Clerk and Recorder of Park County, Montana;

ALL real and personal property, if any, of any kind and nature other than and in addition to the above and foregoing, now held by the Grantor, and situated in Park County, State of Montana;

together with all the dips, spurs, and angles, and also all the metals, ores, gold and silver bearing quartz, rock and earth therein, and all the rights, privileges and franchises thereto incident, appendant and appurtenant, or therewith usually had or enjoyed; and also all and singular, the tenements, hereditaments, and appurtenances thereunto belonging, or in anywise appertaining, and the 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 Grantor, of, in or to the said premises, and every part and parcel thereof, with the appurtenances.

The said Max Trunz and Amelia Trunz, his wife, agree to sell and convey to the said purchaser, and the said purchaser agrees to buy all of the right, title and interest of the said Max Trunz and Amelia Trunz in and to following-described patented Lode Mining Claims, situated in the New World (unorganized) Mining in Park County, Montana, to wit:

The Lula and Contact Lode Mining Claims, designated by the Surveyor General of the State of Montana, as Mineral Survey No. 9974 and the Lula Extension Lode Mining Claim designated by the Surveyor General of Montana as Mineral Survey No. 10284.

together with all the dips, spurs, and angles, and also all the metals, ores, gold and silver bearing quartz, rock and earth therein, and all the rights, privileges and franchises thereto incident, appendant and appurtenant, or therewith usually had or enjoyed; and also all and singular, the tenements, hereditaments, and appurtenances thereunto belonging, or in anywise appertaining, and the 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 Grantor, of, in or to the said premises, and every part and parcel thereof, with the appurtenances.

The said Lester A. Crone, Alfred F. Crone, Nell b. Crone and John L. Crone, as Executors of the last Will and Testament of Seth A. Crone, Deceased, agree to sell and convey to the said purchaser and the said purchaser agrees to buy, the personal property, located upon the premises herein above described, enumerated and described in the schedule thereof hereto attached, marked "Exhibit 'A'" and hereby referred to and made a part hereof, upon the terms and conditions hereinafter set forth.

And the said purchaser agrees to pay to the said vendors for the said premises and personal property the sum of Seventy-six Thousand Seven Hundred Fifty ($76,750.00) Dollars, without interest on deferred payments, payable as follows, to wit:

Six Thousand Seven Hundred Fifty ($6,750.00) Dollars in cash on the execution and delivery of this agreement; forty (40) per cent of the value of all gold and other metals and minerals removed from the premises, during the term from May 1, 1951 to May 1, 1952, and thereafter, until payment of the purchase price in full, as smelter returns are received; provided, however, that in each year, beginning May 1, 1952,

in the event that forty (40) per cent of the value of all gold and other metals and minerals removed from the premises does not amount to the sum of Fifteen Thousand ($15,000.) Dollars, the purchaser shall at the end of the year pay the balance, it being the intention of the parties that the said purchaser shall, in any event, pay upon the purchase price, each year, beginning May 1, 1952, not less than the sum of Fifteen Thousand ($15,000.) Dollars. And in lieu of interest on deferred payments (and in addition to the purchase price above mentioned) the purchaser is to pay the sum of Two Hundred Fifty ($250.) Dollars per month throughout the life of this agreement, payable on or before the second day of each month, beginning June 2, 1951. All payments to be made under the terms hereof, except taxes, shall be made at the office of William A. Kirk, Attorney at Law, of 48 Wall Street, New York 5, New York. And in addition, the purchaser is to pay, before the same become delinquent, all taxes to accrue upon the real and personal property above mentioned and described, including taxes for the year 1951, and in addition, the purchaser agrees to report and pay when due, all taxes to accrue upon any and all metals, minerals and other substances of value removed and marketed from the said premises.

The purchaser shall do all work in miner-like manner, keeping all shafts, tunnels, drifts, winzes, upcasts and other working places in useable and safe condition, and when necessary to support the walls of the mine to make the same safe, he shall timber the same in such manner as to, as far as practicable, prevent caving or other cover of the ore veins developed on said properties. The vendors or their agents shall have the right at all convenient times to enter into and upon such workings, provided such inspections shall be made at the vendors' risk.

The purchaser agrees to indemnify and save harmless the vendors from all liability and expense resulting from the operations of the purchaser upon the leased premises, and to this end agree to do and perform the following acts:

(a) To comply with all federal and state laws and regulations regarding safety provisions;

(b) To assume all responsibility for accidents connected with their operations, and to carry Industrial Accident Insurance with the State of Montana as provided for by the Workmen's Compensation Laws of the State of Montana, and to fully comply with such laws;

(c) To promptly pay all wages of employees, and for all materials and supplies furnished for their use, and in that manner to prevent the filing of liens of miners, mechanics or materialmen against the premises;

(d) To post, at conspicuous places upon the leased premises, notices, signed by the purchasers, stating that the property is being operated under contract from the vendors, and that the vendors are not responsible, and that the purchaser is solely responsible for the payment of wages of all employees and of all acounts for materials and supplies furnished to or for the use of the vendors, and that all employees and others shall take notice accordingly.

That at all times during the life of this agreement the owners shall have the right to keep an observer or a watchman upon the premises, and for that purpose hereby reserve the right to the use of sufficient space in the buildings upon the said premises for living quarters for such observer or watchman, and such observer or watchman shall be entitled at all reasonable times to inspect the work of the purchaser.

The personal property hereinabove mentioned shall at all times during the life of this agreement be kept upon the premises hereinabove described, and until the said purchaser has complied fully with the terms and conditions hereof, the title to and ownership of the said personal property shall remain in the said Estateof Seth A. Crone, deceased,

but that upon full performance of the terms and conditions hereof by the said purchaser, the title to and ownership of the said personal property shall pass to the said purchaser.

That time is made of the essence hereof, and that in the event of default on the part of the purchaser in the performance of any of the terms or conditions hereof or if the said personal property or any part thereof shall be removed from the said premises or shall be attached, levied upon, sold, mortgaged or pledged, then the total amount owing and unpaid shall, at the election of the vendors, become immediately due and payable, and this agreement, at the option of the vendors, may be cancelled and terminated by giving to the purchaser thirty (30) days' notice in writing, of the vendors' intention to cancel and terminate the contract, setting forth in said notice the amount owing and the time and place when and where payment may be made by the purchaser. It is agreed that the time of notice above specified is a reasonable time, and that such notice shall be sufficient to cancel all obligations on the part of the vendors, and fully reinvest them with all title and interest agreed to be conveyed, if payment is not made by the purchasers within the time limited, and the purchaser shall forfeit all payments made by them on account of this agreement and all right, title and interest in and to the said premises and personal property, and the vendors shall be entitled to the immediate possession of the said premises and personal property, and may recover the possession thereof either with or without process of law, and by force if necessary, and that in any action brought by the vendors to recover the possession of the said premises and personal property, or any part thereof, if judgment be entered in favor of the said vendors, it shall include reasonable attorney's fees, in addition to other costs.

The purchaser agrees to do all necessary assessment work so as to keep the above-named unpatented claims in good standing and to file proof thereof with the proper authorities, or to file notices of intention to hold the said claims without assessment work as provided for by act of Congress whenever such assessment work is not required.

During the life of this agreement, the vendors shall be furnished with duplicate or attested copies of all reports of assays of samples taken from the said premises and shall be correctly advised as to the numbers and location upon the premises of the drill hold or other working from which each sample assayed was taken. That the owners shall also be furnished with duplicate or attested copies of the reports of the smelting or other treatment of ores, metals and minerals taken from the said premises, such duplicate or attested copies to be furnished as they are received from the smelter. All ores, metals, minerals and concentrates thereof shall be shipped to the smelter in the names of the vendors and the purchaser and the share of the vendors in the proceeds received from such ores, metals, minerals and concentrates, shall be remitted to the vendors direct.

It is understood and agreed that from the value of the gold and other metals and minerals removed from the premises, twenty (20) per cent thereof is to be deducted for cost of mining, concentrating, transporting and smelting or treatment, and eighty (80) per cent of the residue shall be divided equally between the vendors and the purchaser, that is to say, the vendors shall be entitled to forty (40) per cent of such value and the purchaser shall be entitled to the remaining forty (40) per cent thereof; provided, however, that in the event that the cost of mining, concentrating, transporting and smelting or treatment shall exceed twenty

(20) per cent of the value of such gold and other metals and minerals, such excess shall be deducted from the percentage to which the purchaser would otherwise be entitled.

It is further agreed that the personal property hereinabove mentioned shall be carefully used by the said purchaser and any portions thereof used by the purchaser shall be kept in repair by the purchaser and any parts broken or worn out by the purchaser shall be promptly replaced by them.

It is further agreed that the vendors make no representations whatever as to the value or condition of the real and personal property which is the subject of this agreement, or as to whether any minerals exist in the real property, and that no abatement in the purchase price shall be made for any shortage either in the real or personal property, it being distinctly understood that the purchaser buys both the real and personal property in their present condition, after examination on his part.

It is further understood and agreed, as follows: that notice given by mail, addressed to the purchaser at 55 Monmouth Street, Brookline 46, Massachusetts, shall be sufficient for all purposes under the terms hereof, that upon the payment by the purchaser of the sum of Ten Thousand ($10,000.) Dollars upon the purchase price hereinabove specified, the vendors will, within thirty (30) days, submit to the purchaser for examination by him, an abstract or abstracts of title for the patented claims above described, showing good and merchantable title thereto, free and clear of liens and encumbrances, in the names of the vendors; that the said purchaser will, within thirty (30) days thereafter, notify the vendors in writing, of any defects or objections to the titles, as disclosed by the said abstracts, and the vendors

shall have a reasonable time thereafter in which to clear up such defects as shall exist; upon the full performance of the terms and conditions hereof by the said purchaser, the said premises and personal property shall be conveyed to the purchaser by the vendors.

Anything herein contained to the contrary, notwithstanding, the purchaser may at any time prior to January 15, 1952, pay to the sellers the sum of Forty-five Thousand ($45,000.) Dollars in full settlement of all deferred payments under this contract, that is, in full settlement of all payments except the down payment on this contract of Six Thousand Seven Hundred Fifty ($6,750.) Dollars, and the Two Hundred Fifty ($250.) Dollars per month accruing up to the time of such payment.

It is further understood and agreed that all payments made to the vendors shall be made to the Cooke Mining Company, at the office of William A. Kirk, 48 Wall Street, in the Borough of Manhattan, City, County and State of New York, and that all checks shall be drawn to the order of the Cooke Mining Company.

IN WITNESS WHEREOF, the individual parties hereto have hereunto affixed their signatures and seals, and the corporate parties hereto have caused their corporate names and seals to be hereunto affixed the day and year first above written.

COOKE MINING COMPANY

By William A. Kirk
William A. Kirk, President

ATTEST:

Eleanor Kirk
Secretary

Max Trunz (L.S.)
Max Trunz

Amelia Trunz (L.S.)
Amelia Trunz

Lester A. Crone (L.S.)
Lester A. Crone

Alfred F. Crone (L.S.)
Alfred F. Crone

Nell B. Crone (L.S.)
Nell B. Crone

John L. Crone (L.S.)
John L. Crone
As Executors under the Last Will and Testament of Seth A. Crone, deceased.

Walter A. Falk (L.S.)
Walter A. Falk

# EXHIBIT "A"

1. 1 diesel engine, Fairbanks-Morse, Type Y, 75 hp No. 385886 (dismantled and parts scattered all over engine room).

2. 1 air compressor, belt driven, Ingersoll-Rand Type X B, right hand side No. 34989PP, left hand side No. 34988PP.

3. 1 air compressor, portable, gasoline driven, Ingersoll-Rand Type 14 engine Waudesha Motor Co. Model P No. 48409 (one compressor port cap missing, also fan bracket on engine missing, also spark plugs.

4. 1 air compressor, belt driven, 3 3/4" x 4", Fairbanks-Morse, No. 10075.

5. 1 Oliver Filter, 6' x 4' No. 4-2805 (partly dismantled).

6. 1 lathe (South Bend Lathe Works) 6' bed.

7. 1 Fuller and Johnson stationery engine No. 70614 hp. 5

8. 1 Monarch scale (platform).

9. Shafting 3 pieces 2 3/8" diameter 78" plus 1 piece 13 ft. long.

10. 1 two ton chain block (Yale and Towne).

11. 1 40" chain wrench.

12. 50 feet of 10" leather belting, 37 feet of 10" rubber belting, 120 feet of 6" rubber belting, 53 feet of 4" rubber belting, 59 feet of 3" rubber belting, 18 feet of 2" rubber belting. Some of this is usable.

13. 1 Greenfield No. 2 pipe vice.

14. 1 power drill press No. D 2020 also (10309) Champion 20" drill 6 drills, wrenches and gears.

15. 2 over head line shafts.

16. Electric controll panel 3 switches.

17. 1 bench vice leg type.

18. 1 wall teliphine compressor room.

19. 2 screw jacks and assorted small tools and bolts and fittings.

~~20. 2 screw jacks and assorted small tools and bolts and fittings.~~

20. 1 12" x 5" la b ball mill No. A-607.

21. 1 pulverizer May 18, 1909 broken.

22. 1 Denver Equipment lab flotation cell (B 159A) 1000 gr. A-305.

23. 1 Amalgator N1.24 Denver Equipment Co. size 24" diameter by 36" long No. A961 barrel No. G 144A.

24. 1 20 gal. air receiver.

25. 1 air receiver 25" dia. x 8' upright.

26. 1 3' chain tong.

27. 1 Deco Rotary Conditioner Tank 4' x 4'.

28. 6 sub A. Denver Equipment flotation cells No. 12 A-845 with line shaft power partly dismantled.

29. 1 3 composite 12" Denver feeder A-969 condition, fair and rusty.

1 Colorado Iron Works 4' x 4' ball mill No. 140-934 usable.

31. 1 15" x 6' Denver ore feeder belt driven No. B P A-674.

32. 1 Denver Equipment dry reagent feeder cone type No. 12 No. A-969.

33. 1 Aiken Spiral Classifyer No. 141-1934 13' x 24".

34. 1 6' x 6' wood water tank.

35. 1 Wilfley table power head fair condition.

36. 1 6" x 12" Denver jaw crusher belt driven No. BPA-996.

37. 1 grizzle 45" x 48" (bar type 1½").

38. 1 4 cylinder Fairbanks Morse Engine (diesel) dismantled no crank shaft outside mill building.

39. 1 3' chain tong. (in warehouse).
1 Wilfley table ½ size No. A-137 (in warehouse).

40. 1 Wilfley sand pump 2" condition fair.

41. 1 small Fairbanks-Morse gas engine Z type and 1 large 3 hp. 450 RPM fair.

42. 1 Westing-House motor 100 hp.

43. 1 G. E. Generator 900 RPM volt 480.

44. 1 control panel.

45. 1 induction type motor 440 volt. 25 hp. 60 cycle.

46. 1 induction type motor 440 volt 3 hp. No. 404939 fair.

47. 1 electric motor 220 volt. or 440 volt. 3 hp. No. 1800 or 50030 with broken jacket.

48. 50 feet red air hose (old, may be usable).

49. 1 primary transformer (small) G. E. No. 3042625 serial no. 305247 type B11 60 cycle volt 220 or 440.

50. 1 induction motor starter type 00 No. 13670 hp. 30-40 volt 60.

51. 1 electric motor 220 or 440 volt. 3 hp. same as No. 47.

52. Miscellaneous fittings (outside of Building) 1 air receiver 40" x 10' 1 air receiver 4' x 16', 2 oil tanks 64" x 6', pipe lines and valves

53. Machine Shop, 1st. building north of assay office
1 log assay furnace complete with electric driven blower fair)
4 log peeves, logging tong, 1 rip saw for saw mill 48", 2 cut off saws for same 48" in dia. 1 belt tightner 6' long, 1

Fairbanks-Morse gas starting engine 6 hp. No. 582960, 1 G. E. electric generator K. W. 3 RPM 1850 volts 125 MPS24 Serial No. 49637 type CE. 1 small 2" x 2" jaw crusher, (Denver Clay Products Co.), No. 1.-No. T 62, 1 Denver Equipment double pully pulverizer with line shaft for flat belt, miscellaneous pipe fittings, pulleys and bearings, 3 small screw jacks, 2 tons of 5" steel balls for ball mill.

54. Equipment in assay office 1 double-decker bed, 1 telephone (wall type), 2 kegs of 16 penny nails, 1 lab crusher (jaw missing), ½ keg of light fixtures (insulators), miscellaneous crucibles 200 or more, 1 Denver Fire Clay over No. 13 (poor condition), 8 assay tongs, 1 pressure air tank for furnace, assorted chemicals (poor condition), 1 slag pot, 1 centrifugal pump 1" No. 56100, 1 long handled shovel.

55. Equipment in blacksmith shop. 1 Gardiner Denver drifter (no good), 1 Ingersoll-Rand stopehamer (old style, no good), 1 2 foot chain tong, 9 blacksmith tongs, 4 blacksmith hardies, 5 blacksmith swedges, 1 ladle spoon, 1 3½' chain tong, 2 jack hammer shells (no good) quantity of miscellaneous bolts, pipe fittings, valves, 1 Lancaster forge blower and stand No. 40, 1 150 lb. anvil, 1 Ingersol-Rand machine drill sharpener No. 2366 L.R. No. 33, one 6" bench vice with broken jaw 10 kegs of assorted nails, all rusty, 2 one ton ore cars in poor condition, Miscellaneous lengths of 1"-1½"-2"-3" pipe badly rusted), 16 pound mine rails in mine (usable).

56. Powder Magazine approximate size 10' x 15' x 8' in height, galvanized sheet covering (usable).

57. Saw Mill Building (caved in by weight of snow) could salvage about 4000 feet of usable lumber, balance of equipment of saw mill badly damaged by cave-in of the building, doubtful if any of same can be used.

58. 1 No. 2 gyratory crusher disassembled and parts missing (no good).

59. 3 spools of different sized cable used and rusty (no good).

60. No. 1 cabin N. E. (paper completely off of the roof) building in very bad shape. Size of cabin 22' x 12'. 1 iron bed with spring, 1 air tight heater, 1 porcelain work sink with fittings, badly stained.

61. Equipment outside between blacksmith shop and saw mill 1 Gardiner-Denver compressor, bad shape, 1 keg of 3" track spikes, 4 50 gal. barrels of S. A. E. oil covered up by fallen building, 1 Ingersoll-Rand sharpner (junk), 1 Holt gas engine approximately 60 hp. damaged by cave-in of saw mill building, 8" air pipes galvanized (no good), 45 50 gal. diesel fuel drums, 1 Fordson tractor needs overhauling, 1 6 wheel lumber truck, 1 air receiver 36" x 8", 4 45" x 20' diesel fuel oil tanks, 1 large tank, large end 6½' x 19', small end 4' 1 25' x 35' tank, 1 9' x 3' tank, 1 2' x 6' fuel oil tank, 1 2' x 6' air receiver badly rusted (no good).

62. ½ drum of kerosene, 2 tons of cement and one ton of lime, (no good) ruined by water, for lack of repairs on roof of warehouse in which it is stored, 3 bbls. of znnthate for reagents of use in mill, 1 5' x 12" bull wheel, 1 shaft, 7' x 3½" with gear and shaft bearing.

63. Bunk house and cook house West side of watchman's quarters, most of roofing gone and badly in need of repair.
1 2 oven Majestic Range rusted badly from lack of repair on roof, 8 empty 50 gal. oil drums, 10 metal cots, simmons, 1 barrel heater rusted badly. 1 heater, needs new grates and side lining.

64. Bunk house North side of watchman's quarters, roof badly in need of repair.
1 German transit, 1 ribbon cross-cut saw, 6' long, 1 complete iron bed with spring, 1 sheet iron stove (small).

65. Watchman's Quarters
1 Heatrola (heater), 1 drum brick-lined coke heater, 1 single cot, simmons, 1 double bed, kitchen range, 1 sink, chairs, dressers, tables and clock, 1 small set of gold scales.

66. Little garage, south side of watchman's quarters
1 Cushman Husky 1½ hp. gas engine air colled, 1 double bench grinder.

67. Bunk house south of watchman's quarters, roof badly in need of repair and building the same.
9 all metal cots, simmons, 1 heater rusted out.

68. Machinery outside and in tractor garage
1 Card and Webber steam engine (no good) 1 Fordson tractor and snow drum equipment dismanteled and parts missing (no good), 1 Sampson jaw crusher broken (no good) 1 30 hp. steam boiler flue linings rusted out and boiler in bad condition.

# A S S I G N M E N T

FOR AND IN CONSIDERATION of Ten Dollars ($10.00) to me in hand paid by Falk Metals Corporation, a Colorado Corporation, with its principal office and place of business in the City and County of Denver and State of Colorado, the receipt whereof is hereby confessed and acknowledged, and other good and valuable considerations, I do hereby sell, set over, transfer, convey and assign unto the said Falk Metals Corporation that certain agreement in writing, and all my right, title and interest thereto, and the property and premises covered thereby, wherein Cooke Mining Company, a Montana corporation, having its principal place of business in the City of Helena, Montana, Max Trunz and Amelia Trunz, his wife, of the Borough of Brooklyn, County of Kings, City and State of New York, Lester A. Crone, Alfred F. Crone, Nell B. Crone, and John L. Crone, as executors of the last will and testament of Seth A. Crone, deceased, having a place for the transaction of business at 140 Cedar Street in the Borough of Manhattan, City, County and State of New York, are designated as vendors, and Walter A. Falk of Boston, Massachusetts, is designated as purchaser, which said agreement, by reference, is incorporated in and made a part hereof, and pertains and refers to the following described premises and properties situated in the New World (unorganized) Mining District in Park County, Montana, to-wit:

1. All of the right, title and interest of Cooke Mining Company in and to those certain patented lode mining claims described and known as the "K & K", the "West Portland", the"East Portland", the "Portland No. 4", the "Lizzie", the "Jennie V", the "Spaulding", and the "Maggie", designated by the Surveyor General as Survey No. 9170, the patent for which, from the United States, is recorded in Book 48 of Deeds, at pages 214 to 216, inclusive, in the office of the County Clerk and Recorder of Park County, Montana; The "Katie", designated by the Surveyor General as Survey No. 7326.

2. All of the right, title and interest of the said Cooke Mining Company in and to the following unpatented lode mining claims, to-wit:

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CERTIFIED ON REQUEST

The "Portland Fraction", the certificate of location of which is recorded in Book 11 of Locations, at page 52, in the office of the County Clerk and Recorder of Park County, Montana;

The "Cora Extension", the certificate of location of which is recorded in Book 9 of Locations, at page 592, in the office of the County Clerk and Recorder of Park County, Montana;

The "Jane", the certificate of location of which is recorded in Book 9 of Locations, at page 55, in the office of the County Clerk and Recorder of Park County, Montana;

The "Agnes M", the certificate of location of which is recorded in Book 9 of Locations, at page 603, in theoffice of the County Clerk and Recorder of Park County, Montana;

The "D & G", the certificate of location of which is recorded in Book 11 of Locations, at page 99, in the office of the County Clerk and Recorder of Park County, Montana;

The "G & P", the certificate of location of which is recorded in Book 11 of Locations, at page 98, in the office of the County Clerk and Recorder of Park County, Montana;

The "S & K", the certificate of location of which is recorded in Book 11 of Locations, at page 100, in the office of the County Clerk and Recorder of Park County, Montana;

All real and personal property, if any, of any kind and nature other than and in addition to the above and foregoing, now held by the Grantor, and situated in Park County, State of Montana;

together with all the dips, spurs, and angles, and also all the metals, ores, gold and silver bearing quartz, rock and earth therein, and all the rights, privileges and franchises thereto incident, appendant and appurtenant, or therewith usually had or enjoyed; and also all and singular, the tenements, hereditaments, and appurtenances thereunto belonging, or in anywise appertaining, and the 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 Grantor, of, in or to the said premises, and every part and parcel thereof, with the appurtenances.

3. All right, title and interest of the said Max Trunz and Amelia Trunz, his wife, in and to those certain patented lode mining claims described and known as:

The Lula and Contact Lode Mining Claims, designated by the Surveyor General of the State of

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Montana, as Mineral Survey No. 9974 and the Lula Extension Lode Mining Claim designated by the Surveyor General of Montana as Mineral Survey No. 10284;

together with all the dips, spurs, and angles, and also all the metals, ores, gold and silver bearing quartz, rock and earth therein, and all the rights, privileges and franchises thereto incident, appendant and appurtenant, or therewith usually had or enjoyed; and also all the singular, the tenements, hereditaments, and appurtenances thereunto belonging, or in anywise appertaining, and the 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 Grantor, of, in or to the said premises, and every part and parcel thereof, with the appurtenances.

4. All of the right, title and interest of the said Lester A. Crone, Alfred F. Crone, Nell B. Crone, and John L. Crone, as executors of the last will and testament of Seth A. Crone, deceased, in and to the personal property located upon the premises hereinabove described, enumerated and described in the schedule thereof attached to the agreement made a part hereof by reference as Exhibit "A" thereof.

TO HAVE AND TO HOLD unto the said Falk Metals Corporation Corporation, its successors and assigns, from this date forward.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 25th day of May, A. D. 1951.

Walter A. Falk

Walter A. Falk

WITNESS:

M R Green

Cecile Ware

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PHONE ACOMA 4324

LETTER OF TRANSMITTAL

**FALK METALS CORPORATION**
PRODUCERS OF COPPER, LEAD AND ZINC
MERCANTILE BUILDING
1031 FIFTEENTH STREET
DENVER 2, COLORADO

June 14, 1951

Mr. Otto Herres, Chief
Lead-Zinc Branch,
U.S. Department of Interior,
Defense Minerals Administration,
Washington 25, D.C.

Dear Mr. Herres:

The following list of exhibits have been made in conformity with Form MF-103, application for aid for an exploration project pursuant to Mineral Order 5 under the Defense Production Act of 1950.

Loan application is for Falk Metals Corporation on their group of mines known as the Glengary Mines in Park County, Montana.

First Exhibit attached is Bulletin 811-A, New World or Cooke City Mining District, Park County, Wyoming, by T. S. Lovering. Reference is made to this book from time to time in our application. As this book is out of print we were not able to secure copies for each copy of the application, therefore, we are attaching one copy of this book to the original copy of the application. Extracts from the book were copied and put in the copies of the application.

Pages 1, 2, 3, 4, and 5, are answering the questions in Form MF-103 and are self explanatory.

Pages 6 and 7 are extracts from a report made by Gordan E. Anderson, mining engineer of Cooke, Montana. Page 8 contains the extracts spoken of in the previous paragraph.

The next exhibit attached is the Purchase Agreement on the properties to be operated by the Falk Metals Corporation. The enxt exhibit attached is an Assignment by Walter A. Falk, to the Falk Metals Corporation, of the properties.

The third and fourth exhibits attached are assays taken on the properties for which application is made. The last exhibit attached is the map showing the location of the properties, however, a few of the unpatented claims do not show on this map. This map also shows the location of these claims relative to the McClaren pit.

At the next meeting of the Board of Directors the valuation of the properties will be made and a financial statement will be forwarded to you at that time.

Very truly yours,

FALK METALS CORPORATION

By Earl A. Peterson

WRG:w

Form MF-103
(April 1951)

# U. S. DEPARTMENT OF THE INTERIOR

## DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

# APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. dma-1693X

Date received 6/15/51

Participation

Falk Metals Corporation,
Mercantile Building,
1031 - 15th Street,
Denver, Colorado.

Name and address of applicant

Date June 6 1951

FILL IN THIS BLOCK

Date of application

Estimated cost

Mineral or metal Copper and gold

Percentage of Government participation 50-50

Location of mine About five miles north and slightly west of Cooke, Montana, in section 11, Township 9 South, Range 14 East.

See attached application.

Date of filing MF-100

DMA Docket Number, if available

## INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

## THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

## THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.

    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

    NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.

*13. State source and quantity of water available for operations and its sufficiency at all seasons.
State amount of power to be used, rate per hour or other cost, and source.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.

15. State in detail how the ore could be shipped and how and where milled.

*16. History:

    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.

    (*b*) State briefly the known history and production of adjoining and neighboring properties.

    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

*17. Production:

    (*a*) If mine is in production, furnish the following information:

| | *Tons per day* | *Grade or analysis* | *Cost per ton* | *Net value per ton* |
|---|---|---|---|---|
| (1) Mining | | | | |
| (2) Milling | | | | |
| (3) Shipped or sold | | | | |

*18. Ore or mineral reserves: (If property is or has been operating.)

    (*a*) Describe the ore or mineral deposits briefly.

    (*b*) Submit available maps and assay data.

    (*c*) Give estimated tonnage and grade of each class of ore reserves.

19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

## THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

## THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:

    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.

    (*b*) Supervisors, by numbers and positions, with salaries of each.

    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.

    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.

    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.

    (*f*) Cost of rental for equipment which the operator proposes to rent.

    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.

    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.

    (*i*) Cost of power, water, utilities, and any other items not provided for above.

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

## CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

FALK METALS CORPORATION
(Name of company)

By Carl H. Peterson
(Signature of authorized official)

June 6, 1951
(Date)

Carl H. Peterson, Secretary
(Title)

**Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.**

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

U.S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Application for aid for an Exploration Project pursuant to Mineral Order 5, under Defense Production Act of 1950.

Falk Metals Corporation,
Mercantile Building,
1031 - 15th Street,
Denver 2, Colorado.

| | |
|---|---|
| Date of Application, | June 6, 1951 |
| Mineral or Metal, | Copper and Gold |
| Location of Mine, | About 5 miles North and slightly West of Cooke, Montana in Section 11 Township 9 South, Range 14 East. |
| Estimated Cost, | $40,675.00 |
| Percentage of government participation | 50-50 |
| Date of filing MF-100 | |

1. Falk Metals Corporation, a Colorado corporation, Mercantile Building, 1031 - 15th Street, Denver, Colorado.

2. Does not apply.

3. The officers of the corporation are:

President, Walter A. Falk, 1350 Fillmore St, Denver, Colorado.
Vice-president, Robert C. Brown, 4307 Tejon, Denver, Colorado.
Secretary, Carl H. Peterson, 4307 Tejon, Denver, Colorado.
Treasurer, Robert C. Brown, 4307 Tejon, Denver, Colorado.

Directors:

Walter A. Falk, 1350 Fillmore Street, Denver, Colorado.
Robert C. Brown, 4307 Tejon, Denver, Colorado,
Carl H. Peterson, 4307 Tejon, Denver, Colorado
W. R. Green, 1243 Columbine, Denver, Colorado.

Largest Stockholders:

Walter A. Falk, 1350 Fillmore St, Denver, Colorado
Carl H. Peterson, 4307 Tejon, Denver, Colorado
Robert C. Brown, 4307 Tejon, Denver, Colorado
W. R. Green, 1243 Columbine, Denver, Colorado.

4. Walter W. Bentley will be the consulting engineer. He has had wide experience as a mining engineer. He was with Anaconda Copper Company 20 years, and with U.S. Bureau of Mines 4 years, and was with American Smelter & Refining Company for one year as resident engineer for Colorado.

5. The Falk Metals Corporation has bought the mine on a Purchase Agreement.

6. See copy of Purchase Agreement which is attached.

7. Does not apply.

8. See attached financial statement.

9. The corporation is financially prepared to furnish its portion of the funds as requested in Section 9 of Mineral Order 5.

10. (a) See attached map. The patented claims and some of the unpatented claims are shown in green on the map.

(b) The exploration will be conducted on the Lulu and the Contact mining claims No.9974 and on the Lulu Extension No.10284 and perhaps some of the Katie No.7326. The exploration will consist of cutting a number of trenches to determine the location and amount of ore available for open pit mining; also a diamond drilling program to determine the depth of the ore body and also the extent of coverage by the ore body; also the opening of a short tunnel on the Lulu claim near the top of Lulu Pass and determining the quantity and quality of ore in this tunnel. Also opening and re-conditioning the tunnel system as shown on page 66 of Bulletin 811-A by T. S. Lovering. This will probably consist of repairing the track and the air pipe and air ventilation pipe and cleaning out small caveins and general rehabilitation of the tunnels.

11. As far as we know this property has always gone under the name of Glengary Mine.

12. The Glengary mine is located approximately five miles North and slightly West of Cooke, Montana, which is an inland town located on Highway No. 12 which runs from Red Lodge to Gardner, which is 40 miles due West or 57 miles by road. Gardner is a railway shipping point. Red Lodge is on Highway 12 about 68 miles Northeast of Cooke. Red Lodge is also a railway shipping point. The highway to Gardner is kept open all winter. The highway from both Red Lodge and Gardner are excellent black top highways and are kept in good condition at all times.

13. The source of water is the Clark Fork of the Yellowstone River which is permanent at all times of the year and in sufficient quantities for any and all needs.

There is no public electric power available. The power would be diesel powered engines which in most cases would be directly attached to the equipment operated and at a later date a diesel power generating plant would have to be installed.

14. There is a 25 or 30 ton mill, consisting of a crusher, a grizzly, ball mill, spiral classifier, one 4-Denver sub A flotation machine, thickner tank, amalgamation ball mill, one 500 cubic feet Ingersoll-Rand belt driven air compressor, drill press, lathe, 4 air receivers, one 125 H.P. electric motor A.C., several small electric motors, one portable air compressor gas driven (in need of repair), considerable pipe and fittings, line shafts, pulley, belting, saw mill (small and powered with a 75 H.P. Holt engine), assay office, two gasoline furnaces and some equipment (in need of repair).

The air compressor listed here is not powered and is too large and heavy to be practical on this operation. All the rest of the equipment will have to be over-hauled and repaired and at this time it is impossible to state the exact condition of this equipment.

Useable buildings consist of a bunk house and boarding house which are in need of repair.

15. We are arranging to finance and erect a 150 ton mill on the property as soon as we can develop and prove this ore to accommodate this size mill.

The concentrates will be trucked to Gardner and shipped to the Anaconda Copper Smelter at Anaconda, Montana.

16. (a) Please refer to pages 65 to 67 inclusive in Bulletin 811-A by T. S. Lovering, which is attached.

(b) The McLaren pit on mining claim New Years Gift No.1042 is approximately 1000 feet from the nearest corner of the Lulu mining claim No.9974 which will be operated by us.

The following is an extract from the Bureau of Mines Information Circular No.7546 by Glenn C. Reed.

> "Small scale operations were started in 1933 at the New Years Gift claim on the Southwest flank of Red Mountain. In late 1934 a concentrating plant was constructed by the company at Cooke. This plant, later destroyed by fire, was redesigned and rebuilt. In 1938 the Newmont Mining Corporation acquired interest in the property and undertook an extensive exploratory program. This interest was relinquished in 1940. This property has since become a consistent producer. Production since 1933 has amounted to 824 tons of copper and 36,000 ounces gold.
>
> The deposits,as exposed by open-cuts, is 20 to 40 feet thick and about 500 feet long. It strikes about S. 10° to 15° W. and is nearly flat-dipping. According to company officials, the ore body has been traced by core-drilling for an additional 1,000 feet along the strike. Significant extensions in depth also were reported.
>
> The predominant ore minerals are pyrite, chalcopyrite, bornite, covellite, native copper, and several oxidized copper compounds. Ossacional specks of galena and sphalerite also were noted. Run-of-mine ore contains 0.1 to 0.4 ounce gold a ton and 0.8 to 1.5 percent copper. Inferred reserves may amount to more than 300,000 tons.
>
> Annual production has approached 40,000 tons of crude ore mined and milled."

(c) See attached extracts from Gordon E. Adnerson, M.E. report.

17. (a) See attached Bulletin 811-A pages 65 to 67.

18. (a) See extracts from the attached report by Gordon E. Anderson.

(b) See map attached.

(c) Not determined.

19. We are applying for Access Road improvement on the roads between the highway which runs through Cooke and the Glengary mines.

20. The exploration will be conducted for copper ore, open pit deposits and also for copper ore in the tunnel located on the Lulu mining claim No.9974.

21. It will require about four months to clean out the tunnels, bulldoze the trenches and do the diamond drilling.

22. For geological maps please refer to pages 10 and 50, and also photo on page 66 in Bulletin 811-A by T. S. Lovering.

23. (a)

| | |
|---|---|
| 2 diamond drill operators, each $16 per day for 60 days | $ 1,920.00 |
| 2 Jack Hammer men $14 each, or $28 per day for 60 days | 1,680.00 |
| 1 Mechanic &helper man $16 per day, 60 days | 960.00 |
| 1 Cook $200 per month, 60 days | 400.00 |
| 2 Helpers $12 per day, 60 days | 1,440.00 |
| | $ 6,400.00 |

| | |
|---|---|
| (b) Supervison $500 a month, 3 months | 1,500.00 |
| (c) Repairs to Boarding house and Bunk house | 500.00 |
| (d) Lumber for small construction | 1,500.00 |
| (e) Equipment to be purchased: | |
| 1 Diamond drill with rod and bit | 4,000.00 |
| 1 Engine for diamond drill | 1,000.00 |
| 1 Mucking Machine | 2,825.00 |
| 1 Compressor 320 cubic feet | 6,000.00 |
| 2 Jack hammers with legs | 1,240.00 |
| Hoses, tanks etc., | 400.00 |
| Small tools, | 500.00 |
| 1000 feet 2-inch pipe | 400.00 |
| 1 Jeep | 1,400.00 |
| (f) Cat work, 480 hours @ $16 per hour | 7,680.00 |
| (g) | |
| (h) 10 sets steel | 600.00 |
| Fuses and caps | 230.00 |
| 25 boxes powder | 500.00 |
| (I) Freight estimated | 2,500.00 |
| Boarding house supplies | 1,500.00 |
| | $ 40,675.00 |

24. We think it will take four months provided the project is approved early enough for us to get in the required amount of work before snow falls, if not, it will have to be extended over into next year.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the informatiom contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

FALK METALS CORPORATION By Carl H. Peterson
Carl H. Peterson

June 6 1951 Secretary

THIS AGREEMENT, made this first day of May, 1951, by and between COOKE MINING COMPANY, a Montana corporation having its principal place of business in the City of Helena, Montana, Max Trunz and Amelia Trunz, his wife, of the Borough of Brooklyn, County of Kings, City and State of New York, Lester A. Crone, Alfred F. Crone, Nell B. Crone and John L. Crone as Executors under the last Will and Testament of Seth A. Crone, Deceased, having a place for the transaction of business at 140 Cedar Street in the Borough of Manhattan, City, County and State of New York, hereinafter called the vendors, and Walter A. Falk of 55 Monmouth Street, Brookline 46, Massachusetts, hereinafter called the purchaser,

W I T N E S S E T H:

That the said purchaser agrees to buy, and the said Cooke Mining Company agrees to sell and convey to the purchasers, the premises and property, situated in the New World (unorganized) Mining District in Park County, Montana, to wit: ALL of the right, title and interest of Cooke Mining Company in and to those certain patented Lode Mining Claims described and known as

> the "K & K", the "West Portland", the "East Portland", the "Portland No. 4", the "Lizzie", the "Jennie V", the "Spaulding", and the "Maggie", designated by the Surveyor General as Survey No. 9170, the patent for which, from the United States, is recorded in Book 48 of Deeds, at pages 214 to 216, inclusive, in the office of the County Clerk and Recorder of Park County, Montana; The "Katie", designated by the Surveyor General as Survey No. 7326.

Also, all right, title and interest of said Cooke Mining Company in and to the following unpatented Lode Mining Claims, to wit:

> The "Portland Fraction", the certificate of location of which is recorded in Book 11 of Locations, at page 52, in the office of the County Clerk and Recorder of Park County, Montana;

The "Cora Extension", the certificate of location of which is recorded in Book 9 of Locations, at page 592, in the office of the County Clerk and Recorder of Park County, Montana;

The "Jane", the certificate of location of which is recorded in Book 9 of Locations, at page 55, in the office of the County Clerk and Recorded of Park County, Montana;

The "Agnes M", the certificate of location of which is recorded in Book 9 of Locations, at page 603, in the office of the County Clerk and Recorder of Park County, Montana;

The "D & G", the certificate of location of which is recorded in Book 11 of Locations, at page 99, in the office of the County Clerk and Recorder of Park County, Montana;

The "G & P", the certificate of location of which is recorded in Book 11 of Locations, at page 98, in the office of the County Clerk and Recorder of Park County, Montana;

The "S & K", the certificate of location of which is recorded in Book 11 of Locations, at page 100, in the office of the County Clerk and Recorder of Park County, Montana;

ALL real and personal property, if any, of any kind and nature other than and in addition to the above and foregoing, now held by the Grantor, and situated in Park County, State of Montana;

together with all the dips, spurs, and angles, and also all the metals, ores, gold and silver bearing quartz, rock and earth therein, and all the rights, privileges and franchises thereto incident, appendant and appurtenant, or therewith usually had or enjoyed; and also all and singular, the tenements, hereditaments, and appurtenances thereunto belonging, or in anywise appertaining, and the 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 Grantor, of, in or to the said premises, and every part and parcel thereof, with the appurtenances.

The said Max Trunz and Amelia Trunz, his wife, agree to sell and convey to the said purchaser, and the said purchaser agrees to buy all of the right, title and interest of the said Max Trunz and Amelia Trunz in and to following-described patented Lode Mining Claims, situated in the New World (unorganized) Mining in Park County, Montana, to wit:

The Lula and Contact Lode Mining Claims, designated by the Surveyor General of the State of Montana, as Mineral Survey No. 9974 and the Lula Extension Lode Mining Claim designated by the Surveyor General of Montana as Mineral Survey No. 10284.

together with all the dips, spurs, and angles, and also all the metals, ores, gold and silver bearing quartz, rock and earth therein, and all the rights, privileges and franchises thereto incident, appendant and appurtenant, or therewith usually had or enjoyed; and also all and singular, the tenements, hereditaments, and appurtenances thereunto belonging, or in anywise appertaining, and the 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 Grantor, of, in or to the said premises, and every part and parcel thereof, with the appurtenances.

The said Lester A. Crone, Alfred F. Crone, Nell b. Crone and John L. Crone, as Executors of the last Will and Testament of Seth A. Crone, Deceased, agree to sell and convey to the said purchaser and the said purchaser agrees to buy, the personal property, located upon the premises herein above described, enumerated and described in the schedule thereof hereto attached, marked "Exhibit 'A'" and hereby referred to and made a part hereof, upon the terms and conditions hereinafter set forth.

And the said purchaser agrees to pay to the said vendors for the said premises and personal property the sum of Seventy-six Thousand Seven Hundred Fifty ($76,750.00) Dollars, without interest on deferred payments, payable as follows, to wit:

Six Thousand Seven Hundred Fifty ($6,750.00) Dollars in cash on the execution and delivery of this agreement; forty (40) per cent of the value of all gold and other metals and minerals removed from the premises, during the term from May 1, 1951 to May 1, 1952, and thereafter, until payment of the purchase price in full, as smelter returns are received; provided, however, that in each year, beginning May 1, 1952,

in the event that forty (40) per cent of the value of all gold and other metals and minerals removed from the premises does not amount to the sum of Fifteen Thousand ($15,000.) Dollars, the purchaser shall at the end of the year pay the balance, it being the intention of the parties that the said purchaser shall, in any event, pay upon the purchase price, each year, beginning May 1, 1952, not less than the sum of Fifteen Thousand ($15,000.) Dollars. And in lieu of interest on deferred payments (and in addition to the purchase price above mentioned) the purchaser is to pay the sum of Two Hundred Fifty ($250.) Dollars per month throughout the life of this agreement, payable on or before the second day of each month, beginning June 2, 1951. All payments to be made under the terms hereof, except taxes, shall be made at the office of William A. Kirk, Attorney at Law, of 48 Wall Street, New York 5, New York. And in addition, the purchaser is to pay, before the same become delinquent, all taxes to accrue upon the real and personal property above mentioned and described, including taxes for the year 1951, and in addition, the purchaser agrees to report and pay when due, all taxes to accrue upon any and all metals, minerals and other substances of value removed and marketed from the said premises.

The purchaser shall do all work in miner-like manner, keeping all shafts, tunnels, drifts, winzes, upcasts and other working places in useable and safe condition, and when necessary to support the walls of the mine to make the same safe, he shall timber the same in such manner as to, as far as practicable, prevent caving or other cover of the ore veins developed on said properties. The vendors or their agents shall have the right at all convenient times to enter into and upon such workings, provided such inspections shall be made at the vendors' risk.

The purchaser agrees to indemnify and save harmless the vendors from all liability and expense resulting from the operations of the purchaser upon the leased premises, and to this end agree to do and perform the following acts:

(a) To comply with all federal and state laws and regulations regarding safety provisions;

(b) To assume all responsibility for accidents connected with their operations, and to carry Industrial Accident Insurance with the State of Montana as provided for by the Workmen's Compensation Laws of the State of Montana, and to fully comply with such laws;

(c) To promptly pay all wages of employees, and for all materials and supplies furnished for their use, and in that manner to prevent the filing of liens of miners, mechanics or materialmen against the premises;

(d) To post, at conspicuous places upon the leased premises, notices, signed by the purchasers, stating that the property is being operated under contract from the vendors, and that the vendors are not responsible, and that the purchaser is solely responsible for the payment of wages of all employees and of all acounts for materials and supplies furnished to or for the use of the vendors, and that all employees and others shall take notice accordingly.

That at all times during the life of this agreement the owners shall have the right to keep an observer or a watchman upon the premises, and for that purpose hereby reserve the right to the use of sufficient space in the buildings upon the said premises for living quarters for such observer or watchman, and such observer or watchman shall be entitled at all reasonable times to inspect the work of the purchaser.

The personal property hereinabove mentioned shall at all times during the life of this agreement be kept upon the premises hereinabove described, and until the said purchaser has complied fully with the terms and conditions hereof, the title to and ownership of the said personal property shall remain in the said Estateof Seth A. Crone, deceased,

but that upon full performance of the terms and conditions hereof by the said purchaser, the title to and ownership of the said personal property shall pass to the said purchaser.

That time is made of the essence hereof, and that in the event of default on the part of the purchaser in the performance of any of the terms or conditions hereof or if the said personal property or any part thereof shall be removed from the said premises or shall be attached, levied upon, sold, mortgaged or pledged, then the total amount owing and unpaid shall, at the election of the vendors, become immediately due and payable, and this agreement, at the option of the vendors, may be cancelled and terminated by giving to the purchaser thirty (30) days' notice in writing, of the vendors' intention to cancel and terminate the contract, setting forth in said notice the amount owing and the time and place when and where payment may be made by the purchaser. It is agreed that the time of notice above specified is a reasonable time, and that such notice shall be sufficient to cancel all obligations on the part of the vendors, and fully reinvest them with all title and interest agreed to be conveyed, if payment is not made by the purchasers within the time limited, and the purchaser shall forfeit all payments made by them on account of this agreement and all right, title and interest in and to the said premises and personal property, and the vendors shall be entitled to the immediate possession of the said premises and personal property, and may recover the possession thereof either with or without process of law, and by force if necessary, and that in any action brought by the vendors to recover the possession of the said premises and personal property, or any part thereof, if judgment be entered in favor of the said vendors, it shall include reasonable attorney's fees, in addition to other costs.

The purchaser agrees to do all necessary assessment work so as to keep the above-named unpatented claims in good standing and to file proof thereof with the proper authorities, or to file notices of intention to hold the said claims without assessment work as provided for by act of Congress whenever such assessment work is not required.

During the life of this agreement, the vendors shall be furnished with duplicate or attested copies of all reports of assays of samples taken from the said premises and shall be correctly advised as to the numbers and location upon the premises of the drill hold or other working from which each sample assayed was taken. That the owners shall also be furnished with duplicate or attested copies of the reports of the smelting or other treatment of ores, metals and minerals taken from the said premises, such duplicate or attested copies to be furnished as they are received from the smelter. All ores, metals, minerals and concentrates thereof shall be shipped to the smelter in the names of the vendors and the purchaser and the share of the vendors in the proceeds received from such ores, metals, minerals and concentrates, shall be remitted to the vendors direct.

It is understood and agreed that from the value of the gold and other metals and minerals removed from the premises, twenty (20) per cent thereof is to be deducted for cost of mining, concentrating, transporting and smelting or treatment, and eighty (80) per cent of the residue shall be divided equally between the vendors and the purchaser, that is to say, the vendors shall be entitled to forty (40) per cent of such value and the purchaser shall be entitled to the remaining forty (40) per cent thereof; provided, however, that in the event that the cost of mining, concentrating, transporting and smelting or treatment shall exceed twenty

(20) per cent of the value of such gold and other metals and minerals, such excess shall be deducted from the percentage to which the purchaser would otherwise be entitled.

It is further agreed that the personal property hereinabove mentioned shall be carefully used by the said purchaser and any portions thereof used by the purchaser shall be kept in repair by the purchaser and any parts broken or worn out by the purchaser shall be promptly replaced by them.

It is further agreed that the vendors make no representations whatever as to the value or condition of the real and personal property which is the subject of this agreement, or as to whether any minerals exist in the real property, and that no abatement in the purchase price shall be made for any shortage either in the real or personal property, it being distinctly understood that the purchaser buys both the real and personal property in their present condition, after examination on his part.

It is further understood and agreed, as follows: that notice given by mail, addressed to the purchaser at 55 Monmouth Street, Brookline 46, Massachusetts, shall be sufficient for all purposes under the terms hereof, that upon the payment by the purchaser of the sum of Ten Thousand ($10,000.) Dollars upon the purchase price hereinabove specified, the vendors will, within thirty (30) days, submit to the purchaser for examination by him, an abstract or abstracts of title for the patented claims above described, showing good and merchantable title thereto, free and clear of liens and encumbrances, in the names of the vendors; that the said purchaser will, within thirty (30) days thereafter, notify the vendors in writing, of any defects or objections to the titles, as disclosed by the said abstracts, and the vendors

shall have a reasonable time thereafter in which to clear up such defects as shall exist; upon the full performance of the terms and conditions hereof by the said purchaser, the said premises and personal property shall be conveyed to the purchaser by the vendors.

Anything herein contained to the contrary, notwithstanding, the purchaser may at any time prior to January 15, 1952, pay to the sellers the sum of Forty-five Thousand ($45,000.) Dollars in full settlement of all deferred payments under this contract, that is, in full settlement of all payments except the down payment on this contract of Six Thousand Seven Hundred Fifty ($6,750.) Dollars, and the Two Hundred Fifty ($250.) Dollars per month accruing up to the time of such payment.

It is further understood and agreed that all payments made to the vendors shall be made to the Cooke Mining Company, at the office of William A. Kirk, 48 Wall Street, in the Borough of Manhattan, City, County and State of New York, and that all checks shall be drawn to the order of the Cooke Mining Company.

IN WITNESS WHEREOF, the individual parties hereto have hereunto affixed their signatures and seals, and the corporate parties hereto have caused their corporate names and seals to be hereunto affixed the day and year first above written.

COOKE MINING COMPANY

By William A. Kirk
William A. Kirk, President

ATTEST:

Eleanor Kirk
Secretary

Max Trunz (L.S.)
Max Trunz

Amelia Trunz (L.S.)
Amelia Trunz

Lester A. Crone (L.S.)
Lester A. Crone

(L.S.)
Alfred F. Crone

Nell B. Crone (L.S.)
Nell B. Crone

John L. Crone (L.S.)
John L. Crone

As Executors under the Last Will and Testament of Seth A. Crone, deceased.

Walter A. Falk (L.S.)
Walter A. Falk

# EXHIBIT "A"

1. 1 diesel engine, Fairbanks-Morse, Type Y, 75 hp No. 385886 (dismantled and parts scattered all over engine room).

2. 1 air compressor, belt driven, Ingersoll-Rand Type X B, right hand side No. 34989PP, left hand side No. 34988PP.

3. 1 air compressor, portable, gasoline driven, Ingersoll-Rand Type 14 engine Waudesha Motor Co. Model P No. 48409 (one compressor port cap missing, also fan bracket on engine missing, also spark plugs.

4. 1 air compressor, belt driven, 3 3/4" x 4", Fairbanks-Morse, No. 10075.

5. 1 Oliver Filter, 6' x 4' No. 4-2805 (partly dismantled).

6. 1 lathe (South Bend Lathe Works) 6' bed.

7. 1 Fuller and Johnson stationery engine No. 70614 hp. 5

8. 1 Monarch scale (platform).

9. Shafting 3 pieces 2 3/8" diameter 78" plus 1 piece 13 ft. long.

10. 1 two ton chain block (Yale and Towne).

11. 1 40" chain wrench.

12. 50 feet of 10" leather belting, 37 feet of 10" rubber belting, 120 feet of 6" rubber belting, 53 feet of 4" rubber belting, 59 feet of 3" rubber belting, 18 feet of 2" rubber belting. Some of this is usable.

13. 1 Greenfield No. 2 pipe vice.

14. 1 power drill press No. D 2020 also (10309) Champion 20" drill 6 drills, wrenches and gears.

15. 2 over head line shafts.

16. Electric controll panel 3 switches.

17. 1 bench vice leg type.

18. 1 wall teliphine compressor room.

19. 2 screw jacks and assorted small tools and bolts and fittings.

~~20. 2 screw jacks and assorted small tools and bolts and fittings.~~

20. 1 12" x 5" la b ball mill No. A-607.

21. 1 pulverizer May 18, 1909 broken.

22. 1 Denver Equipment lab flotation cell (B 159A) 1000 gr. A-305.

23. 1 Amalgator N1.24 Denver Equipment Co. size 24" diameter by 36" long No. A961 barrel No. G 144A.

24. 1 20 gal. air receiver.

25. 1 air receiver 25" dia. x 8' upright.

26. 1 3' chain tong.

27. 1 Deco Rotary Conditioner Tank 4' x 4'.

28. 6 sub A. Denver Equipment flotation cells No. 12 A-845 with line shaft power partly dismantled.

29. 1 3 composite 12" Denver feeder A-969 condition, fair and rusty.

30. 1 Colorado Iron Works 4' x 4' ball mill No. 140-934 usable.

31. 1 15" x 6' Denver ore feeder belt driven No. B P A-674.

32. 1 Denver Equipment dry reagent feeder cone type No. 12 No. A-969.

33. 1 Aiken Spiral Classifyer No. 141-1934 13' x 24".

34. 1 6' x 6' wood water tank.

35. 1 Wilfley table power head fair condition.

36. 1 6" x 12" Denver jaw crusher belt driven No. BPA-996.

37. 1 grizzle 45" x 48" (bar type 1½").

38. 1 4 cylinder Fairbanks Morse Engine (diesel) dismantled no crank shaft outside mill building.

39. 1 3' chain tong. (in warehouse).
1 Wilfley table ½ size No. A-137 (in warehouse).

40. 1 Wilfley sand pump 2" condition fair.

41. 1 small Fairbanks-Morse gas engine Z type and 1 large 3 hp. 450 RPM fair.

42. 1 Westing-House motor 100 hp.

43. 1 G. E. Generator 900 RPM volt 480.

44. 1 control panel.

45. 1 induction type motor 440 volt. 25 hp. 60 cycle.

46. 1 induction type motor 440 volt 3 hp. No. 404939 fair.

47. 1 electric motor 220 volt. or 440 volt. 3 hp. No. 1800 or 50030 with broken jacket.

48. 50 feet red air hose (old, may be usable).

49. 1 primary transformer (small) G. E. No. 3042625 serial no. 305247 type B11 60 cycle volt 220 or 440.

50. 1 induction motor starter type 00 No. 13670 hp. 30-40 volt 60.

51. 1 electric motor 220 or 440 volt. 3 hp. same as No. 47.

52. Miscellaneous fittings (outside of Building) 1 air receiver 40" x 10' 1 air receiver 4' x 16', 2 oil tanks 64" x 6', pipe lines and valves

53. Machine Shop, 1st. building north of assay office
1 log assay furnace complete with electric driven blower (fair) 4 log peeves, logging tong, 1 rip saw for saw mill 48", 2 cut off saws for same 48" in dia. 1 belt tightner 6' long, 1

Fairbanks-Morse gas starting engine 6 hp. No. 582960, 1 G. E. electric generator K. W. 3 RPM 1850 volts 125 MPS24 Serial No. 49637 type CE. 1 small 2" x 2" jaw crusher, (Denver Clay Products Co.), No. 1.-No. T 62, 1 Denver Equipment double pully pulverizer with line shaft for flat belt, miscellaneous pipe fittings, pulleys and bearings, 3 small screw jacks, 2 tons of 5" steel balls for ball mill.

54. Equipment in assay office 1 double-decker bed, 1 telephone (wall type), 2 kegs of 16 penny nails, 1 lab crusher (jaw missing), ½ keg of light fixtures (insulators), miscellaneous crucibles 200 or more, 1 Denver Fire Clay over No. 13 (poor condition), 8 assay tongs, 1 pressure air tank for furnace, assorted chemicals (poor condition), 1 slag pot, 1 centrifugal pump 1" No. 56100, 1 long handled shovel.

55. Equipment in blacksmith shop. 1 Gardiner Denver drifter (no good), 1 Ingersoll-Rand stopehamer (old style, no good), 1 2 foot chain tong, 9 blacksmith tongs, 4 blacksmith hardies, 5 blacksmith swedges, 1 ladle spoon, 1 3½' chain tong, 2 jack hammer shells (no good) quantity of miscellaneous bolts, pipe fittings, valves, 1 Lancaster forge blower and stand No. 40, 1 150 lb. anvil, 1 Ingersol-Rand machine drill sharpener No. 2366 L.R. No. 33, one 6" bench vice with broken jaw 10 kegs of assorted nails, all rusty, 2 one ton ore cars in poor condition, Miscellaneous lengths of 1"-1½"-2"-3" pipe badly rusted), 16 pound mine rails in mine (usable).

56. Powder Magazine approximate size 10' x 15' x 8' in height, galvanized sheet covering (usable).

57. Saw Mill Building (caved in by weight of snow) could salvage about 4000 feet of usable lumber, balance of equipment of saw mill badly damaged by cave-in of the building, doubtful if any of same can be used.

58. 1 No. 2 gyratory crusher disassembled and parts missing (no good).

59. 3 spools of different sized cable used and rusty (no good).

60. No. 1 cabin N. E. (paper completely off of the roof) building in very bad shape. Size of cabin 22' x 12'.
1 iron bed with spring, 1 air tight heater, 1 porcelain work sink with fittings, badly stained.

61. Equipment outside between blacksmith shop and saw mill 1 Gardiner-Denver compressor, bad shape, 1 keg of 3" track spikes, 4 50 gal. barrels of S. A. E. oil covered up by fallen building, 1 Ingersoll-Rand sharpner (junk), 1 Holt gas engine approximately 60 hp. damaged by cave-in of saw mill building, 8" air pipes galvanized (no good), 45 50 gal. diesel fuel drums, 1 Fordson tractor needs overhauling, 1 6 wheel lumber truck, 1 air receiver 36" x 8", 4 45" x 20' diesel fuel oil tanks, 1 large tank, large end 6½' x 19', small end 4' 1 25' x 35' tank, 1 9' x 3' tank, 1 2' x 6' fuel oil tank, 1 2' x 6' air receiver badly rusted (no good).

62. ½ drum of kerosene, 2 tons of cement and one ton of lime, (no good) ruined by water, for lack of repairs on roof of warehouse in which it is stored, 3 bbls. of znnthate for reagents of use in mill, 1 5' x 12" bull wheel, 1 shaft, 7' x 3½" with gear and shaft bearing.

63. Bunk house and cook house West side of watchman's quarters, most of roofing gone and badly in need of repair.
1 2 oven Majestic Range rusted badly from lack of repair on roof, 8 empty 50 gal. oil drums, 10 metal cots, simmons, 1 barrel heater rusted badly. 1 heater, needs new grates and side lining.

64. Bunk house North side of watchman's quarters, roof badly in need of repair.
1 German transit, 1 ribbon cross-cut saw, 6' long, 1 complete iron bed with spring, 1 sheet iron stove (small).

65. Watchman's Quarters
1 Heatrola (heater), 1 drum brick-lined coke heater, 1 single cot, simmons, 1 double bed, kitchen range, 1 sink, chairs, dressers, tables and clock, 1 small set of gold scales.

66. Little garage, south side of watchman's quarters
1 Cushman Husky 1½ hp. gas engine air colled, 1 double bench grinder.

67. Bunk house south of watchman's quarters, roof badly in need of repair and building the same.
9 all metal cots, simmons, 1 heater rusted out.

68. Machinery outside and in tractor garage
1 Card and Webber steam engine (no good) 1 Fordson tractor and snow drum equipment dismanteled and parts missing (no good), 1 Sampson jaw crusher broken (no good) 1 30 hp. steam boiler flue linings rusted out and boiler in bad condition.

# A S S I G N M E N T

FOR AND IN CONSIDERATION of Ten Dollars ($10.00) to me in hand paid by Falk Metals Corporation, a Colorado Corporation, with its principal office and place of business in the City and County of Denver and State of Colorado, the receipt whereof is hereby confessed and acknowledged, and other good and valuable considerations, I do hereby sell, set over, transfer, convey and assign unto the said Falk Metals Corporation that certain agreement in writing, and all my right, title and interest thereto, and the property and premises covered thereby, wherein Cooke Mining Company, a Montana corporation, having its principal place of business in the City of Helena, Montana, Max Trunz and Amelia Trunz, his wife, of the Borough of Brooklyn, County of Kings, City and State of New York, Lester A. Crone, Alfred F. Crone, Nell B. Crone, and John L. Crone, as executors of the last will and testament of Seth A. Crone, deceased, having a place for the transaction of business at 140 Cedar Street in the Borough of Manhattan, City, County and State of New York, are designated as vendors, and Walter A. Falk of Boston, Massachusetts, is designated as purchaser, which said agreement, by reference, is incorporated in and made a part hereof, and pertains and refers to the following described premises and properties situated in the New World (unorganized) Mining District in Park County, Montana, to-wit:

1. All of the right, title and interest of Cooke Mining Company in and to those certain patented lode mining claims described and known as the "K & K", the "West Portland", the"East Portland", the "Portland No. 4", the "Lizzie", the "Jennie V", the "Spaulding", and the "Maggie", designated by the Surveyor General as Survey No. 9170, the patent for which, from the United States, is recorded in Book 48 of Deeds, at pages 214 to 216, inclusive, in the office of the County Clerk and Recorder of Park County, Montana; The "Katie", designated by the Surveyor General as Survey No. 7326.

2. All of the right, title and interest of the said Cooke Mining Company in and to the following unpatented lode mining claims, to-wit:

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FOR EXTRA COPIES, CALL KE. 2876
JUN 11 1951
PICK PHOTOGRAPH & BLUEPRINT CO.
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CERTIFIED ON REQUEST

The "Portland Fraction", the certificate of location of which is recorded in Book 11 of Locations, at page 52, in the office of the County Clerk and Recorder of Park County, Montana;

The "Cora Extension", the certificate of location of which is recorded in Book 9 of Locations, at page 592, in the office of the County Clerk and Recorder of Park County, Montana;

The "Jane", the certificate of location of which is recorded in Book 9 of Locations, at page 55, in the office of the County Clerk and Recorder of Park County, Montana;

The "Agnes M", the certificate of location of which is recorded in Book 9 of Locations, at page 603, in theoffice of the County Clerk and Recorder of Park County, Montana;

The "D & G", the certificate of location of which is recorded in Book 11 of Locations, at page 99, in the office of the County Clerk and Recorder of Park County, Montana;

The "G & P", the certificate of location of which is recorded in Book 11 of Locations, at page 98, in the office of the County Clerk and Recorder of Park County, Montana;

The "S & K", the certificate of location of which is recorded in Book 11 of Locations, at page 100, in the office of the County Clerk and Recorder of Park County, Montana;

All real and personal property, if any, of any kind and nature other than and in addition to the above and foregoing, now held by the Grantor, and situated in Park County, State of Montana;

together with all the dips, spurs, and angles, and also all the metals, ores, gold and silver bearing quartz, rock and earth therein, and all the rights, privileges and franchises thereto incident, appendant and appurtenant, or therewith usually had or enjoyed; and also all and singular, the tenements, hereditaments, and appurtenances thereunto belonging, or in anywise appertaining, and the 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 Grantor, of, in or to the said premises, and every part and parcel thereof, with the appurtenances.

3. All right, title and interest of the said Max Trunz and Amelia Trunz, his wife, in and to those certain patented lode mining claims described and known as:

The Lula and Contact Lode Mining Claims, designated by the Surveyor General of the State of

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Montana, as Mineral Survey No. 9974 and the Lula Extension Lode Mining Claim designated by the Surveyor General of Montana as Mineral Survey No. 10284;

together with all the dips, spurs, and angles, and also all the metals, ores, gold and silver bearing quartz, rock and earth therein, and all the rights, privileges and franchises thereto incident, appendant and appurtenant, or therewith usually had or enjoyed; and also all the singular, the tenements, hereditaments, and appurtenances thereunto belonging, or in anywise appertaining, and the 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 Grantor, of, in or to the said premises, and every part and parcel thereof, with the appurtenances.

4. All of the right, title and interest of the said Lester A. Crone, Alfred F. Crone, Nell B. Crone, and John L. Crone, as executors of the last will and testament of Seth A. Crone, deceased, in and to the personal property located upon the premises hereinabove described, enumerated and described in the schedule thereof attached to the agreement made a part hereof by reference as Exhibit "A" thereof.

TO HAVE AND TO HOLD unto the said Falk Metals Corporation Corporation, its successors and assigns, from this date forward.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 25th day of May, A. D. 1951.

Walter A. Falk

Walter A. Falk

WITNESS:

W R Green

Cecile Fore

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[illegible] OF [illegible]

[illegible], 1951

[illegible] Mr. [illegible], Jr.
[illegible] Administration,
[illegible] Department out of Interior,
Defense Minerals Administration,
Washington 25, D.C.

Dear Mr. Norren:

The following list of additions have been made in conformity with Form DM-103, application for [illegible] an exploration project pursuant to Mineral [illegible] 5 under the [illegible] Production Act of 1950.

Your application [illegible] Mr. [illegible] Dorr group of mines known as the [illegible] Mary [illegible] in Lewis County, Montana.

Three exhibit attached is [illegible] Old [illegible] Gold or Cooke City Mining District, Park County, [illegible] by [illegible] Springer. Reference is made to this book from time to time in our application. As this book is out of [illegible] we were not able to secure copies for each copy of the application, however, we are attaching one copy of this book to the original copy of the application. Extracts from the book were copied and put in the [illegible] of the application.

Pages 1, 2, 3, 4, and 5, are [illegible] questions in Form DM-103 and are self explanatory.

Pages 6 and 7 are extracts from a report made by Gordon M. Anderson, mining engineer of Cooke, Montana. Page 8 contains the extracts spoken of in the previous paragraph.

The next exhibit attached is the Purchase Agreement on the properties to be operated by the Falk Metals Corporation. The next exhibit attached is an Assignment by Walter A. Falk, to the Falk Metals Corporation, of the properties.

The third and fourth exhibits attached are assays taken on the properties for which application is made. The last exhibit attached is the map showing the location of the properties, however, a few of the unpatented claims do not show on this map. This map also shows the location of those claims relative to the McClaren pit.

At the next meeting of the Board of Directors the valuation of the properties will be made and a financial statement will be forwarded to you at that time.

Very truly yours,

[illegible]

By [signature]

[illegible]

Form MF-103
(April 1951)

U. DEPARTMENT OF THE INTER

DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

# APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. Dma-1693X

Date received 6/15/51

Participation

Falk Metals Corporation,
Mercantile Building,
1031 - 15th Street,
Denver, Colorado.

Name and address of applicant

Date June 6 1951

FILL IN THIS BLOCK

Date of application

Estimated cost

Mineral or metal Copper and gold

Percentage of Government participation 50-50

Location of mine About five miles north and slightly west of Cooke, Montana, in section 11, Township 9 South, Range 14 East.

See attached application.

Date of filing MF-100

DMA Docket Number, if available

## INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

## THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

## THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

    NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.

*13. State source and quantity of water available for operations and its sufficiency at all seasons.
State amount of power to be used, rate per hour or other cost, and source.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.

15. State in detail how the ore could be shipped and how and where milled.

*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

*17. Production:
    (*a*) If mine is in production, furnish the following information:

| | *Tons per day* | *Grade or analysis* | *Cost per ton* | *Net value per ton* |
|---|---|---|---|---|
| (1) Mining | | | | |
| (2) Milling | | | | |
| (3) Shipped or sold | | | | |

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.

19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

## THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

## THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

## CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

FALK METALS CORPORATION
(Name of company)

By Carl H. Peterson
(Signature of authorized official)

June 6, 1951
(Date)

Carl H. Peterson, Secretary
(Title)

**Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.**

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

[illegible]

Application for aid for an Exploration Project pursuant to Mineral Order 5, under Defense Production Act of 1950.

Falk Metals Corporation,
Mercantile Building,
1031 - 15th Street,
Denver 2, Colorado.

| | |
|---|---|
| Date of Application, | June 6, 1951 |
| Mineral or Metal, | Copper and Gold |
| Location of [illegible], | About 6 miles North and slightly West of Cooke, Montana in Section 11 Township 6 South, Range 14 East. |
| Estimated Cost, | $40,675.00 |
| Percentage of government participation | 50-50 |
| Date of filing (P-100 | |

1. Falk Metals Corporation, a Colorado corporation, Mercantile Building, 1031 - 15th Street, Denver, Colorado.

2. Does not apply.

3. The officers of the corporation are:

President, Walter A. Falk, 1350 Fillmore St., Denver, Colorado.
Vice-president, Robert C. Brown, 4307 Tejon, Denver, Colorado.
Secretary, Carl H. Peterson, 4307 Tejon, Denver, Colorado.
Treasurer, Robert C. Brown, 4307 Tejon, Denver, Colorado.

Directors:

Walter A. Falk, 1350 Fillmore Street, Denver, Colorado.
Robert C. Brown, 4307 Tejon, Denver, Colorado.
Carl H. Peterson, 4307 Tejon, Denver, Colorado
W. E. Green, 1243 Columbine, Denver, Colorado.

Larrent Stockholders:

Walter A. Falk, 1350 Fillmore St, Denver, Colorado
Carl H. Peterson, 4307 Tejon, Denver, Colorado
Robert C. Brown, 4307 Tejon, Denver, Colorado
W. E. Green, 1243 Columbine, Denver, Colorado.

4. Walter W. Bentley will be the operating engineer. He has had wide experience as a mining engineer. He was with Anaconda Copper Company 20 years, and with U.S. Bureau of Mines 4 years, and was with American Smelter & Refining Company for one year as resident engineer for Colorado.

5. The Falk Metals Corporation has bought the mine on a Purchase Agreement.

6. See copy of Purchase Agreement which is attached.

7. Does not apply.

8. See attached financial statement.

9. The corporation is financially prepared to furnish its portion of the funds as requested in section 9 of Mineral Order B.

10. (a) See attached map. The patented claims and some of the unpatented claims are shown in green on the map.

(b) The exploration will be conducted on the Lulu and the Contact mining claims No.9974 and on the Lulu Extension No.10234 and perhaps some of the Katie No.7330. The exploration will consist of cutting a number of trenches to determine the location and amount of ore available for open pit mining; also a diamond drilling program to determine the depth of the ore body and also the extent of coverage by the ore body; also the opening of a short tunnel on the Lulu claim near the top of Lulu Pass and determining the quantity and quality of ore in this tunnel. Also opening and re-conditioning the tunnel system as shown on page 66 of Bulletin 811-A by T. S. Lovering. This will probably consist of repairing the track and the air pipe and air ventilation pipe and cleaning out small cavelns and general rehabilitation of the tunnels.

11. As far as we know this property has always gone under the name of Glengary Mine.

12. The Glengary Mine is located approximately five miles North and slightly West of Cooke, Montana, which is an inland town located on Highway No. 12 which runs from Red Lodge to Gardner, which is 47 miles due West or 57 miles by road. Gardner is a railway shipping point. Red Lodge is on Highway 12 about 60 miles Northeast of Cooke. Red Lodge is also a railway shipping point. The highway to Gardner is kept open all winter. The highway from both Red Lodge and Gardner are excellent black top highways and are kept in good condition at all times.

13. The source of water is the Clark Fork of the Yellowstone River which is permanent at all times of the year and in sufficient quantities for any and all needs.

There is no public electric power available. The power would be diesel powered engines which in most cases would be directly attached to the equipment operated and at a later date a Diesel power generating plant would have to be installed.

14. There is a 28 or 30 ton mill, consisting of a crusher, a grizzly, ball mill, spiral classifier, one 4-bowl sub A flotation machine, thickener tank, amalgamation ball mill, one 500 cubic feet Ingersoll-Rand belt driven air compressor, drill press, lathe, 4 air receivers, one 125 H.P. electric motor A.C., several small electric motors, one portable air compressor gas driven (in need of repair), considerable pipe and fittings, line shafts, pulley, belting, saw mill (small and powered with a 75 H.P. Belt engine), assay office, two gasoline furnaces and some equipment (in need of repair).

The air compressor listed here is not powered and is too large and heavy to be practical on this operation. All the rest of the equipment will have to be over-hauled and repaired and at this time it is impossible to state the exact condition of this equipment.

Usable buildings consist of a bunk house and boarding house which are in need of repair.

15. We are arranging to finance and erect a 150 ton mill on the property as soon as we can develop and prove this ore to accommodate this size mill.

The concentrates will be trucked to Gardner and shipped to the Anaconda Copper Smelter at Anaconda, Montana.

16. (a) Please refer to pages 65 to 67 inclusive in Bulletin 011-A by E. S. Lovering, which is attached.

(b) The McLaren pit on mining claim New Years Gift No.1042 is approximately 1000 feet from the nearest corner of the Lulu mining claim No.8974 which will be operated by us.

The following is an extract from the Bureau of Mines Information Circular No.7546 by Glenn W. Reed.

> "Small scale operations were started in 1933 at the New Years Gift claim on the Southwest flank of Red Mountain. In late 1934 a concentrating plant was constructed by the company at Cooke. This plant, later destroyed by fire, was redesigned and rebuilt. In 1937 the Newmont Mining Corporation acquired interest in the property and undertook an extensive exploratory program. This interest was relinquished in 1940. This property has since become a consistent producer. Production since 1933 has amounted to 000 tons of copper and 36,000 ounces gold.
>
> The deposits, as exposed by open-cuts, is 30 to 40 feet thick and about 500 feet long. It strikes about S. 10° to 15° W. and is nearly flat-dipping. According to company officials, the ore body has been traced by core-drilling for an additional 1,000 feet along the strike. Significant extensions in depth also were reported.
>
> The predominant ore minerals are pyrite, chalcopyrite, bornite, covellite, native copper, and several oxidized copper compounds. Occasional specks of galena and sphalerite also were noted. Run-of-mine ore contains 0.1 to 0.4 ounce gold a ton and 0.8 to 1.0 percent copper. Inferred reserves may amount to more than 300,000 tons.
>
> Annual production has approached 40,000 tons of crude ore mined and milled."

(c) See attached extracts from Gordon E. Anderson, M.E. report.

17. (a) See attached Bulletin 011-A pages 65 to 67.

18. (a) See extracts from the attached report by Gordon E. Anderson.

(b) See map attached.

(c) Not determined.

19. We are applying for Access Road Improvement on the roads between the highway which runs through Cooke and the Glengary mines.

20. The exploration will be conducted for copper ore, open pit deposits and also for copper ore in the tunnel located on the Lulu mining claim No.5074.

21. It will require about four months to clean out the tunnels, bulldoze the trenches and do the diamond drilling.

22. For geological maps please refer to pages 10 and 50, and also photo on page 66 in Bulletin 811-A by T. S. Lovering.

23. (a) 8 diamond drill operators, each $10 per day for 60 days $ 1,920.00
8 Jack Hammer men $14 each, or $80 per day for 60 days 1,600.00
1 Mechanic Helper man $15 per day, 60 days 900.00
1 Cook $200 per month, 60 days 400.00
2 Helpers $12 per day, 60 days 1,440.00
$ 6,400.00

(b) Supervision $500 a month, 3 months 1,500.00

(c) Repairs to Boarding house and Bunk house 500.00

(d) Lumber for small construction 1,500.00

(e) Equipment to be purchased:
1 Diamond drill with rod and bit 4,000.00
1 Engine for diamond drill 1,000.00
1 Punking Machine 2,625.00
1 Compressor 320 cubic feet 6,000.00
2 Jack hammers with legs 1,340.00
Hoses, tanks etc., 400.00
Small tools, 500.00
1000 feet 2-inch pipe 400.00
1 Jeep 1,400.00

(f) Cat work, 420 hours @ $18 per hour 7,560.00

(g)

(h) 10 sets steel 600.00
Fuses and caps 250.00
25 boxes powder 500.00

(I) Freight estimated 2,500.00
Boarding house supplies 1,500.00
$ 40,675.00

We think it will take four months provided the project is
24. approved early enough for us to get in the required amount of work before snow falls, if not, it will have to be extended over into next year.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

FALK METALS CORPORATION By Carl H. Peterson
Carl H. Peterson

June 6 1951 Secretary.

THIS AGREEMENT, made this first day of May, 1951, by and between COOKE MINING COMPANY, a Montana corporation having its principal place of business in the City of Helena, Montana, Max Trunz and Amelia Trunz, his wife, of the Borough of Brooklyn, County of Kings, City and State of New York, Lester A. Crone, Alfred F. Crone, Nell B. Crone and John L. Crone as Executors under the last Will and Testament of Seth A. Crone, Deceased, having a place for the transaction of business at 140 Cedar Street in the Borough of Manhattan, City, County and State of New York, hereinafter called the vendors, and Walter A. Falk of 55 Monmouth Street, Brookline 46, Massachusetts, hereinafter called the purchaser,

W I T N E S S E T H:

That the said purchaser agrees to buy, and the said Cooke Mining Company agrees to sell and convey to the purchasers, the premises and property, situated in the New World (unorganized) Mining District in Park County, Montana, to wit: ALL of the right, title and interest of Cooke Mining Company in and to those certain patented Lode Mining Claims described and known as

> the "K & K", the "West Portland", the "East Portland", the "Portland No. 4", the "Lizzie", the "Jennie V", the "Spaulding", and the "Maggie", designated by the Surveyor General as Survey No. 9170, the patent for which, from the United States, is recorded in Book 48 of Deeds, at pages 214 to 216, inclusive, in the office of the County Clerk and Recorder of Park County, Montana; The "Katie", designated by the Surveyor General as Survey No. 7326.

Also, all right, title and interest of said Cooke Mining Company in and to the following unpatented Lode Mining Claims, to wit:

> The "Portland Fraction", the certificate of location of which is recorded in Book 11 of Locations, at page 52, in the office of the County Clerk and Recorder of Park County, Montana;

The "Cora Extension", the certificate of location of which is recorded in Book 9 of Locations, at page 592, in the office of the County Clerk and Recorder of Park County, Montana;

The "Jane", the certificate of location of which is recorded in Book 9 of Locations, at page 55, in the office of the County Clerk and Recorded of Park County, Montana;

The "Agnes M", the certificate of location of which is recorded in Book 9 of Locations, at page 603, in the office of the County Clerk and Recorder of Park County, Montana;

The "D & G", the certificate of location of which is recorded in Book 11 of Locations, at page 99, in the office of the County Clerk and Recorder of Park County, Montana;

The "G & P", the certificate of location of which is recorded in Book 11 of Locations, at page 98, in the office of the County Clerk and Recorder of Park County, Montana;

The "S & K", the certificate of location of which is recorded in Book 11 of Locations, at page 100, in the office of the County Clerk and Recorder of Park County, Montana;

ALL real and personal property, if any, of any kind and nature other than and in addition to the above and foregoing, now held by the Grantor, and situated in Park County, State of Montana;

together with all the dips, spurs, and angles, and also all the metals, ores, gold and silver bearing quartz, rock and earth therein, and all the rights, privileges and franchises thereto incident, appendant and appurtenant, or therewith usually had or enjoyed; and also all and singular, the tenements, hereditaments, and appurtenances thereunto belonging, or in anywise appertaining, and the 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 Grantor, of, in or to the said premises, and every part and parcel thereof, with the appurtenances.

The said Max Trunz and Amelia Trunz, his wife, agree to sell and convey to the said purchaser, and the said purchaser agrees to buy all of the right, title and interest of the said Max Trunz and Amelia Trunz in and to following-described patented Lode Mining Claims, situated in the New World (unorganized) Mining in Park County, Montana, to wit:

The Lula and Contact Lode Mining Claims, designated by the Surveyor General of the State of Montana, as Mineral Survey No. 9974 and the Lula Extension Lode Mining Claim designated by the Surveyor General of Montana as Mineral Survey No. 10284.

together with all the dips, spurs, and angles, and also all the metals, ores, gold and silver bearing quartz, rock and earth therein, and all the rights, privileges and franchises thereto incident, appendant and appurtenant, or therewith usually had or enjoyed; and also all and singular, the tenements, hereditaments, and appurtenances thereunto belonging, or in anywise appertaining, and the 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 Grantor, of, in or to the said premises, and every part and parcel thereof, with the appurtenances.

The said Lester A. Crone, Alfred F. Crone, Nell b. Crone and John L. Crone, as Executors of the last Will and Testament of Seth A. Crone, Deceased, agree to sell and convey to the said purchaser and the said purchaser agrees to buy, the personal property, located upon the premises herein above described, enumerated and described in the schedule thereof hereto attached, marked "Exhibit 'A'" and hereby referred to and made a part hereof, upon the terms and conditions hereinafter set forth.

And the said purchaser agrees to pay to the said vendors for the said premises and personal property the sum of Seventy-six Thousand Seven Hundred Fifty ($76,750.00) Dollars, without interest on deferred payments, payable as follows, to wit:

Six Thousand Seven Hundred Fifty ($6,750.00) Dollars in cash on the execution and delivery of this agreement; forty (40) per cent of the value of all gold and other metals and minerals removed from the premises, during the term from May 1, 1951 to May 1, 1952, and thereafter, until payment of the purchase price in full, as smelter returns are received; provided, however, that in each year, beginning May 1, 1952,

in the event that forty (40) per cent of the value of all gold and other metals and minerals removed from the premises does not amount to the sum of Fifteen Thousand ($15,000.) Dollars, the purchaser shall at the end of the year pay the balance, it being the intention of the parties that the said purchaser shall, in any event, pay upon the purchase price, each year, beginning May 1, 1952, not less than the sum of Fifteen Thousand ($15,000.) Dollars. And in lieu of interest on deferred payments (and in addition to the purchase price above mentioned) the purchaser is to pay the sum of Two Hundred Fifty ($250.) Dollars per month throughout the life of this agreement, payable on or before the second day of each month, beginning June 2, 1951. All payments to be made under the terms hereof, except taxes, shall be made at the office of William A. Kirk, Attorney at Law, of 48 Wall Street, New York 5, New York. And in addition, the purchaser is to pay, before the same become delinquent, all taxes to accrue upon the real and personal property above mentioned and described, including taxes for the year 1951, and in addition, the purchaser agrees to report and pay when due, all taxes to accrue upon any and all metals, minerals and other substances of value removed and marketed from the said premises.

The purchaser shall do all work in miner-like manner, keeping all shafts, tunnels, drifts, winzes, upcasts and other working places in useable and safe condition, and when necessary to support the walls of the mine to make the same safe, he shall timber the same in such manner as to, as far as practicable, prevent caving or other cover of the ore veins developed on said properties. The vendors or their agents shall have the right at all convenient times to enter into and upon such workings, provided such inspections shall be made at the vendors' risk.

The purchaser agrees to indemnify and save harmless the vendors from all liability and expense resulting from the operations of the purchaser upon the leased premises, and to this end agree to do and perform the following acts:

(a) To comply with all federal and state laws and regulations regarding safety provisions;

(b) To assume all responsibility for accidents connected with their operations, and to carry Industrial Accident Insurance with the State of Montana as provided for by the Workmen's Compensation Laws of the State of Montana, and to fully comply with such laws;

(c) To promptly pay all wages of employees, and for all materials and supplies furnished for their use, and in that manner to prevent the filing of liens of miners, mechanics or materialmen against the premises;

(d) To post, at conspicuous places upon the leased premises, notices, signed by the purchasers, stating that the property is being operated under contract from the vendors, and that the vendors are not responsible, and that the purchaser is solely responsible for the payment of wages of all employees and of all acounts for materials and supplies furnished to or for the use of the vendors, and that all employees and others shall take notice accordingly.

That at all times during the life of this agreement the owners shall have the right to keep an observer or a watchman upon the premises, and for that purpose hereby reserve the right to the use of sufficient space in the buildings upon the said premises for living quarters for such observer or watchman, and such observer or watchman shall be entitled at all reasonable times to inspect the work of the purchaser.

The personal property hereinabove mentioned shall at all times during the life of this agreement be kept upon the premises hereinabove described, and until the said purchaser has complied fully with the terms and conditions hereof, the title to and ownership of the said personal property shall remain in the said Estateof Seth A. Crone, deceased,

but that upon full performance of the terms and conditions hereof by the said purchaser, the title to and ownership of the said personal property shall pass to the said purchaser.

That time is made of the essence hereof, and that in the event of default on the part of the purchaser in the performance of any of the terms or conditions hereof or if the said personal property or any part thereof shall be removed from the said premises or shall be attached, levied upon, sold, mortgaged or pledged, then the total amount owing and unpaid shall, at the election of the vendors, become immediately due and payable, and this agreement, at the option of the vendors, may be cancelled and terminated by giving to the purchaser thirty (30) days' notice in writing, of the vendors' intention to cancel and terminate the contract, setting forth in said notice the amount owing and the time and place when and where payment may be made by the purchaser. It is agreed that the time of notice above specified is a reasonable time, and that such notice shall be sufficient to cancel all obligations on the part of the vendors, and fully reinvest them with all title and interest agreed to be conveyed, if payment is not made by the purchasers within the time limited, and the purchaser shall forfeit all payments made by them on account of this agreement and all right, title and interest in and to the said premises and personal property, and the vendors shall be entitled to the immediate possession of the said premises and personal property, and may recover the possession thereof either with or without process of law, and by force if necessary, and that in any action brought by the vendors to recover the possession of the said premises and personal property, or any part thereof, if judgment be entered in favor of the said vendors, it shall include reasonable attorney's fees, in addition to other costs.

The purchaser agrees to do all necessary assessment work so as to keep the above-named unpatented claims in good standing and to file proof thereof with the proper authorities, or to file notices of intention to hold the said claims without assessment work as provided for by act of Congress whenever such assessment work is not required.

During the life of this agreement, the vendors shall be furnished with duplicate or attested copies of all reports of assays of samples taken from the said premises and shall be correctly advised as to the numbers and location upon the premises of the drill hold or other working from which each sample assayed was taken. That the owners shall also be furnished with duplicate or attested copies of the reports of the smelting or other treatment of ores, metals and minerals taken from the said premises, such duplicate or attested copies to be furnished as they are received from the smelter. All ores, metals, minerals and concentrates thereof shall be shipped to the smelter in the names of the vendors and the purchaser and the share of the vendors in the proceeds received from such ores, metals, minerals and concentrates, shall be remitted to the vendors direct.

It is understood and agreed that from the value of the gold and other metals and minerals removed from the premises, twenty (20) per cent thereof is to be deducted for cost of mining, concentrating, transporting and smelting or treatment, and eighty (80) per cent of the residue shall be divided equally between the vendors and the purchaser, that is to say, the vendors shall be entitled to forty (40) per cent of such value and the purchaser shall be entitled to the remaining forty (40) per cent thereof; provided, however, that in the event that the cost of mining, concentrating, transporting and smelting or treatment shall exceed twenty

(20) per cent of the value of such gold and other metals and minerals, such excess shall be deducted from the percentage to which the purchaser would otherwise be entitled.

It is further agreed that the personal property hereinabove mentioned shall be carefully used by the said purchaser and any portions thereof used by the purchaser shall be kept in repair by the purchaser and any parts broken or worn out by the purchaser shall be promptly replaced by them.

It is further agreed that the vendors make no representations whatever as to the value or condition of the real and personal property which is the subject of this agreement, or as to whether any minerals exist in the real property, and that no abatement in the purchase price shall be made for any shortage either in the real or personal property, it being distinctly understood that the purchaser buys both the real and personal property in their present condition, after examination on his part.

It is further understood and agreed, as follows: that notice given by mail, addressed to the purchaser at 55 Monmouth Street, Brookline 46, Massachusetts, shall be sufficient for all purposes under the terms hereof, that upon the payment by the purchaser of the sum of Ten Thousand ($10,000.) Dollars upon the purchase price hereinabove specified, the vendors will, within thirty (30) days, submit to the purchaser for examination by him, an abstract or abstracts of title for the patented claims above described, showing good and merchantable title thereto, free and clear of liens and encumbrances, in the names of the vendors; that the said purchaser will, within thirty (30) days thereafter, notify the vendors in writing, of any defects or objections to the titles, as disclosed by the said abstracts, and the vendors

shall have a reasonable time thereafter in which to clear up such defects as shall exist; upon the full performance of the terms and conditions hereof by the said purchaser, the said premises and personal property shall be conveyed to the purchaser by the vendors.

Anything herein contained to the contrary, notwithstanding, the purchaser may at any time prior to January 15, 1952, pay to the sellers the sum of Forty-five Thousand ($45,000.) Dollars in full settlement of all deferred payments under this contract, that is, in full settlement of all payments except the down payment on this contract of Six Thousand Seven Hundred Fifty ($6,750.) Dollars, and the Two Hundred Fifty ($250.) Dollars per month accruing up to the time of such payment.

It is further understood and agreed that all payments made to the vendors shall be made to the Cooke Mining Company, at the office of William A. Kirk, 48 Wall Street, in the Borough of Manhattan, City, County and State of New York, and that all checks shall be drawn to the order of the Cooke Mining Company.

IN WITNESS WHEREOF, the individual parties hereto have hereunto affixed their signatures and seals, and the corporate parties hereto have caused their corporate names and seals to be hereunto affixed the day and year first above written.

COOKE MINING COMPANY

By William A. Kirk
William A. Kirk, President

ATTEST:

Eleanor Kirk
Secretary

Max Trunz (L.S.)
Max Trunz

Amelia Trunz (L.S.)
Amelia Trunz

Lester A. Crone (L.S.)
Lester A. Crone

(L.S.)
Alfred F. Crone

Nell B. Crone (L.S.)
Nell B. Crone

John L. Crone (L.S.)
John L. Crone

As Executors under the Last Will and Testament of Seth A. Crone, deceased.

Walter A. Falk (L.S.)
Walter A. Falk

# EXHIBIT "A"

1. 1 diesel engine, Fairbanks-Morse, Type Y, 75 hp No. 385886 (dismantled and parts scattered all over engine room).

2. 1 air compressor, belt driven, Ingersoll-Rand Type X B, right hand side No. 34989PP, left hand side No. 34988PP.

3. 1 air compressor, portable, gasoline driven, Ingersoll-Rand Type 14 engine Waudesha Motor Co. Model P No. 48409 (one compressor port cap missing, also fan bracket on engine missing, also spark plugs.

4. 1 air compressor, belt driven, 3 3/4" x 4", Fairbanks-Morse, No. 10075.

5. 1 Oliver Filter, 6' x 4' No. 4-2805 (partly dismantled).

6. 1 lathe (South Bend Lathe Works) 6' bed.

7. 1 Fuller and Johnson stationery engine No. 70614 hp. 5

8. 1 Monarch scale (platform).

9. Shafting 3 pieces 2 3/8" diameter 78" plus 1 piece 13 ft. long.

10. 1 two ton chain block (Yale and Towne).

11. 1 40" chain wrench.

12. 50 feet of 10" leather belting, 37 feet of 10" rubber belting, 120 feet of 6" rubber belting, 53 feet of 4" rubber belting, 59 feet of 3" rubber belting, 18 feet of 2" rubber belting. Some of this is usable.

13. 1 Greenfield No. 2 pipe vice.

14. 1 power drill press No. D 2020 also (10309) Champion 20" drill 6 drills, wrenches and gears.

15. 2 over head line shafts.

16. Electric controll panel 3 switches.

17. 1 bench vice leg type.

18. 1 wall teliphine compressor room.

19. 2 screw jacks and assorted small tools and bolts and fittings.

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20. 1 12" x 5" la b ball mill No. A-607.

21. 1 pulverizer May 18, 1909 broken.

22. 1 Denver Equipment lab flotation cell (B 159A) 1000 gr. A-305.

23. 1 Amalgator N1.24 Denver Equipment Co. size 24" diameter by 36" long No. A961 barrel No. G 144A.

24. 1 20 gal. air receiver.

25. 1 air receiver 25" dia. x 8' upright.

26. 1 3' chain tong.

27. 1 Deco Rotary Conditioner Tank 4' x 4'.

28. 6 sub A. Denver Equipment flotation cells No. 12 A-845 with line shaft power partly dismantled.

29. 1 3 composite 12" Denver feeder A-969 condition, fair and rusty.

30. 1 Colorado Iron Works 4' x 4' ball mill No. 140-934 usable.

31. 1 15" x 6' Denver ore feeder belt driven No. B P A-674.

32. 1 Denver Equipment dry reagent feeder cone type No. 12 No. A-969.

33. 1 Aiken Spiral Classifyer No. 141-1934 13' x 24".

34. 1 6' x 6' wood water tank.

35. 1 Wilfley table power head fair condition.

36. 1 6" x 12" Denver jaw crusher belt driven No. BPA-996.

37. 1 grizzle 45" x 48" (bar type 1½").

38. 1 4 cylinder Fairbanks Morse Engine (diesel) dismantled no crank shaft outside mill building.

39. 1 3' chain tong. (in warehouse).
1 Wilfley table ½ size No. A-137 (in warehouse).

40. 1 Wilfley sand pump 2" condition fair.

41. 1 small Fairbanks-Morse gas engine Z type and 1 large 3 hp. 450 RPM fair.

42. 1 Westing-House motor 100 hp.

43. 1 G. E. Generator 900 RPM volt 480.

44. 1 control panel.

45. 1 induction type motor 440 volt. 25 hp. 60 cycle.

46. 1 induction type motor 440 volt 3 hp. No. 404939 fair.

47. 1 electric motor 220 volt. or 440 volt. 3 hp. No. 1800 or 50030 with broken jacket.

48. 50 feet red air hose (old, may be usable).

49. 1 primary transformer (small) G. E. No. 3042625 serial no. 305247 type B11 60 cycle volt 220 or 440.

50. 1 induction motor starter type 00 No. 13670 hp. 30-40 volt 60.

51. 1 electric motor 220 or 440 volt. 3 hp. same as No. 47.

52. Miscellaneous fittings (outside of Building) 1 air receiver 40" x 10' 1 air receiver 4' x 16', 2 oil tanks 64" x 6', pipe lines and valves

53. Machine Shop, 1st. building north of assay office
1 log assay furnace complete with electric driven blower (fair) 4 log peeves, logging tong, 1 rip saw for saw mill 48", 2 cut off saws for same 48" in dia. 1 belt tightner 6' long, 1

Fairbanks-Morse gas starting engine 6 hp. No. 582960, 1 G. E. electric generator K. W. 3 RPM 1850 volts 125 MPS24 Serial No. 49637 type CE. 1 small 2" x 2" jaw crusher, (Denver Clay Products Co.), No. 1.-No. T 62, 1 Denver Equipment double pully pulverizer with line shaft for flat belt, miscellaneous pipe fittings, pulleys and bearings, 3 small screw jacks, 2 tons of 5" steel balls for ball mill.

54. Equipment in assay office 1 double-decker bed, 1 telephone (wall type), 2 kegs of 16 penny nails, 1 lab crusher (jaw missing), ½ keg of light fixtures (insulators), miscellaneous crucibles 200 or more, 1 Denver Fire Clay over No. 13 (poor condition), 8 assay tongs, 1 pressure air tank for furnace, assorted chemicals (poor condition), 1 slag pot, 1 centrifugal pump 1" No. 56100, 1 long handled shovel.

55. Equipment in blacksmith shop. 1 Gardiner Denver drifter (no good), 1 Ingersoll-Rand stopehamer (old style, no good), 1 2 foot chain tong, 9 blacksmith tongs, 4 blacksmith hardies, 5 blacksmith swedges, 1 ladle spoon, 1 3½' chain tong, 2 jack hammer shells (no good) quantity of miscellaneous bolts, pipe fittings, valves, 1 Lancaster forge blower and stand No. 40, 1 150 lb. anvil, 1 Ingersol-Rand machine drill sharpener No. 2366 L.R. No. 33, one 6" bench vice with broken jaw 10 kegs of assorted nails, all rusty, 2 one ton ore cars in poor condition, Miscellaneous lengths of 1"-1½"-2"-3" pipe badly rusted), 16 pound mine rails in mine (usable).

56. Powder Magazine approximate size 10' x 15' x 8' in height, galvanized sheet covering (usable).

57. Saw Mill Building (caved in by weight of snow) could salvage about 4000 feet of usable lumber, balance of equipment of saw mill badly damaged by cave-in of the building, doubtful if any of same can be used.

58. 1 No. 2 gyratory crusher disassembled and parts missing (no good).

59. 3 spools of different sized cable used and rusty (no good).

60. No. 1 cabin N. E. (paper completely off of the roof) building in very bad shape. Size of cabin 22' x 12'.
1 iron bed with spring, 1 air tight heater, 1 porcelain work sink with fittings, badly stained.

61. Equipment outside between blacksmith shop and saw mill 1 Gardiner-Denver compressor, bad shape, 1 keg of 3" track spikes, 4 50 gal. barrels of S. A. E. oil covered up by fallen building, 1 Ingersoll-Rand sharpner (junk), 1 Holt gas engine approximately 60 hp. damaged by cave-in of saw mill building, 8" air pipes galvanized (no good), 45 50 gal. diesel fuel drums, 1 Fordson tractor needs overhauling, 1 6 wheel lumber truck, 1 air receiver 36" x 8", 4 45" x 20' diesel fuel oil tanks, 1 large tank, large end 6½' x 19', small end 4' 1 25' x 35' tank, 1 9' x 3' tank, 1 2' x 6' fuel oil tank, 1 2' x 6' air receiver badly rusted (no good).

62. ½ drum of kerosene, 2 tons of cement and one ton of lime, (no good) ruined by water, for lack of repairs on roof of warehouse in which it is stored, 3 bbls. of znnthate for reagents of use in mill, 1 5' x 12" bull wheel, 1 shaft, 7' x 3½" with gear and shaft bearing.

63. Bunk house and cook house West side of watchman's quarters, most of roofing gone and badly in need of repair.
1 2 oven Majestic Range rusted badly from lack of repair on roof, 8 empty 50 gal. oil drums, 10 metal cots, simmons, 1 barrel heater rusted badly. 1 heater, needs new grates and side lining.

64. Bunk house North side of watchman's quarters, roof badly in need of repair.
1 German transit, 1 ribbon cross-cut saw, 6' long, 1 complete iron bed with spring, 1 sheet iron stove (small).

65. Watchman's Quarters
1 Heatrola (heater), 1 drum brick-lined coke heater, 1 single cot, simmons, 1 double bed, kitchen range, 1 sink, chairs, dressers, tables and clock, 1 small set of gold scales.

66. Little garage, south side of watchman's quarters
1 Cushman Husky 1½ hp. gas engine air colled, 1 double bench grinder.

67. Bunk house south of watchman's quarters, roof badly in need of repair and building the same.
9 all metal cots, simmons, 1 heater rusted out.

68. Machinery outside and in tractor garage
1 Card and Webber steam engine (no good) 1 Fordson tractor and snow drum equipment dismanteled and parts missing (no good), 1 Sampson jaw crusher broken (no good) 1 30 hp. steam boiler flue linings rusted out and boiler in bad condition.

# A S S I G N M E N T

FOR AND IN CONSIDERATION of Ten Dollars ($10.00) to me in hand paid by Falk Metals Corporation, a Colorado Corporation, with its principal office and place of business in the City and County of Denver and State of Colorado, the receipt whereof is hereby confessed and acknowledged, and other good and valuable considerations, I do hereby sell, set over, transfer, convey and assign unto the said Falk Metals Corporation that certain agreement in writing, and all my right, title and interest thereto, and the property and premises covered thereby, wherein Cooke Mining Company, a Montana corporation, having its principal place of business in the City of Helena, Montana, Max Trunz and Amelia Trunz, his wife, of the Borough of Brooklyn, County of Kings, City and State of New York, Lester A. Crone, Alfred F. Crone, Nell B. Crone, and John L. Crone, as executors of the last will and testament of Seth A. Crone, deceased, having a place for the transaction of business at 140 Cedar Street in the Borough of Manhattan, City, County and State of New York, are designated as vendors, and Walter A. Falk of Boston, Massachusetts, is designated as purchaser, which said agreement, by reference, is incorporated in and made a part hereof, and pertains and refers to the following described premises and properties situated in the New World (unorganized) Mining District in Park County, Montana, to-wit:

1. All of the right, title and interest of Cooke Mining Company in and to those certain patented lode mining claims described and known as the "K & K", the "West Portland", the"East Portland", the "Portland No. 4", the "Lizzie", the "Jennie V", the "Spaulding", and the "Maggie", designated by the Surveyor General as Survey No. 9170, the patent for which, from the United States, is recorded in Book 48 of Deeds, at pages 214 to 216, inclusive, in the office of the County Clerk and Recorder of Park County, Montana; The "Katie", designated by the Surveyor General as Survey No. 7326.

2. All of the right, title and interest of the said Cooke Mining Company in and to the following unpatented lode mining claims, to-wit:

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The "Portland Fraction", the certificate of location of which is recorded in Book 11 of Locations, at page 52, in the office of the County Clerk and Recorder of Park County, Montana;

The "Cora Extension", the certificate of location of which is recorded in Book 9 of Locations, at page 592, in the office of the County Clerk and Recorder of Park County, Montana;

The "Jane", the certificate of location of which is recorded in Book 9 of Locations, at page 55, in the office of the County Clerk and Recorder of Park County, Montana;

The "Agnes M", the certificate of location of which is recorded in Book 9 of Locations, at page 603, in theoffice of the County Clerk and Recorder of Park County, Montana;

The "D & G", the certificate of location of which is recorded in Book 11 of Locations, at page 99, in the office of the County Clerk and Recorder of Park County, Montana;

The "G & P", the certificate of location of which is recorded in Book 11 of Locations, at page 98, in the office of the County Clerk and Recorder of Park County, Montana;

The "S & K", the certificate of location of which is recorded in Book 11 of Locations, at page 100, in the office of the County Clerk and Recorder of Park County, Montana;

All real and personal property, if any, of any kind and nature other than and in addition to the above and foregoing, now held by the Grantor, and situated in Park County, State of Montana;

together with all the dips, spurs, and angles, and also all the metals, ores, gold and silver bearing quartz, rock and earth therein, and all the rights, privileges and franchises thereto incident, appendant and appurtenant, or therewith usually had or enjoyed; and also all and singular, the tenements, hereditaments, and appurtenances thereunto belonging, or in anywise appertaining, and the 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 Grantor, of, in or to the said premises, and every part and parcel thereof, with the appurtenances.

3. All right, title and interest of the said Max Trunz and Amelia Trunz, his wife, in and to those certain patented lode mining claims described and known as:

The Lula and Contact Lode Mining Claims, designated by the Surveyor General of the State of

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Montana, as Mineral Survey No. 9974 and the Lula Extension Lode Mining Claim designated by the Surveyor General of Montana as Mineral Survey No. 10284;

together with all the dips, spurs, and angles, and also all the metals, ores, gold and silver bearing quartz, rock and earth therein, and all the rights, privileges and franchises thereto incident, appendant and appurtenant, or therewith usually had or enjoyed; and also all the singular, the tenements, hereditaments, and appurtenances thereunto belonging, or in anywise appertaining, and the 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 Grantor, of, in or to the said premises, and every part and parcel thereof, with the appurtenances.

4. All of the right, title and interest of the said Lester A. Crone, Alfred F. Crone, Nell B. Crone, and John L. Crone, as executors of the last will and testament of Seth A. Crone, deceased, in and to the personal property located upon the premises hereinabove described, enumerated and described in the schedule thereof attached to the agreement made a part hereof by reference as Exhibit "A" thereof.

TO HAVE AND TO HOLD unto the said Falk Metals Corporation Corporation, its successors and assigns, from this date forward.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 25th day of May, A. D. 1951.

Walter A. Falk

Walter A. Falk

WITNESS:

M R Green

Cecile C Fine

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DEFENSE MINERALS ADMINISTRATION WASHINGTON, D. C.

## EXPLANATION

**QUAT.**

**Q** — Slope wash, landslides, alluvium, and glacial deposits

**TERTIARY**

UNCONFORMITY

*Pliocene?*

**Basic dikes** (*Fine-grained basalt and andesite. Some of the dikes in the pre-Cambrian areas may be older than Pliocene*)

*Miocene*

**Syenite** (*Stocklike mass of coarse-grained perthitic syenite; locally carries syngenetic chalcopyrite*)

**Tib** — Intrusive breccia (*Pyroclastic facies of monzonite porphyry, in places highly sericitized*)

**mp** — Monzonite porphyry (*Stocks, sills, and dikes of monzonite porphyry, latite, and granite porphyry*)

**pa** — Potassic andesite (*Dikes and sills belonging to the basic group of the monzonite family*)

**Tg** — Gabbro (*Stocklike masses of gabbro containing in places abundant biotite*)

**Tbb** — Early basic breccia (*Augite and hornblende andesite breccias, tuffs, and basalt flows*)

*Eocene*

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UNCONFORMITY

**CARBONIFEROUS**

*Mississippian*

**Cm** — Madison limestone (*Massive light-colored fossiliferous limestone*)

**DEVONIAN**

*Upper Devonian*

**Tf** — Threeforks formation (*Interbedded limestone and red and green shale*)

*Middle Devonian*

**Dj** — Jefferson limestone (*Dark-gray massive fetid-smelling limestone*)

UNCONFORMITY

**ORDOVICIAN**

*Upper Ordo.*

**Bh** — Bighorn dolomite (*Dark-colored fetid-smelling cliff-forming dolomite grading up into interbedded sandy dolomite and chalky limestone*)

**CAMBRIAN**

*Upper Camb.*

**Gallatin formation** (*Upper part, Cc, interbedded shale, limestone, and flat-pebble limestone conglomerate; lower part, Cg, massive cliff-forming gray limestone—the common source of silver-lead-zinc ore*)

UNCONFORMITY

*Middle Cambrian*

**Cgv** — Gros Ventre formation (*Interbedded shale, limestone, and flat-pebble limestone conglomerate*)

**Cf** — Flathead quartzite (*Quartzite grading up into glauconitic sandstone; locally conglomeratic at base*)

UNCONFORMITY

**ARCHEAN**

**Ob** — Basalt porphyry (*Dikes; rock contains plagioclase phenocrysts 3 inches in diameter*)

**Rcg** — Cooke granite (*Medium-grained pink granite*)

**Rgb** — Gabbro gneiss (*Mottled green and gray rock containing hornblende and plagioclase*)

**Rgcg** — Goose Creek granite (*Gneissic gray granite locally carrying schist inclusions*)

**Fault** (*Shows downthrown side; dashed where location is uncertain, dotted where covered by later deposits*)

**12°** — Strike and dip of rocks

**Mine**

Topography by T. S. Lovering Surveyed in 1922 and 1923

Geology by T. S. Lovering, 1923 and 1925

# TOPOGRAPHIC AND GEOLOGIC MAP AND SECTIONS OF THE NEW WORLD MINING DISTRICT, MONT.—WYO.

Scale $\frac{1}{31,680}$

0 — 1 — 2 Miles

Contour interval 100 feet

1929

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