DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip Copper-

CONTROLLED DOCUMENT

~~DMA~~ DMEA Docket No. 2275 (Old Docket DMA 679)

DO NOT DETACH THIS SLIP

Action on this document is recorded and controlled in Reports and Records Branch. Any movement of this document between divisions or offices of DMA or movement outside DMA must be reported to the Reports and Records Branch. Actions taken that affect status of the case must also be reported.

This document has been recorded as

EXPLORATION PROJECT

Any action taken to change the type of request for assistance must be promptly reported to the Reports and Records Branch. Use DMA Form 2 for submitting these reports.

Routing Slip

To: RM. 4070 BASE METALS Br. Date

To: Rare & Misc. Metals Date Dec. 21-'51

1. To: Johnson, C.H. Rm. 3619 B.M. Date Jan. 8-'52

2. To: Nelson, Ned Rm. 4216 G.S. Date

3. To: Opur. Comm. Rm. 4626 Int. Date

4. To: Administrator Date

To: Date

To: Date

To: Date

To: Date

To: Date

To: Date

To: Date

To: Date

To: Date

DO NOT DETACH

CONTROLLED DOCUMENT

2/15/51 gem

JOSEPH C. O'MAHONEY, WYO., CHAIRMAN
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RUSSELL B. LONG, LA. GEORGE W. MALONE, NEV.
GEORGE A. SMATHERS, FLA. ARTHUR V. WATKINS, UTAH

MILLS ASTIN, CHIEF CLERK

United States Senate

COMMITTEE ON
INTERIOR AND INSULAR AFFAIRS

February 8, 1952.

Mr. C. O. Mittendorf, Acting Administrator,
Defense Minerals Exploration Administration,
U. S. Department of the Interior,
Washington 25, D. C.

DMEA-2275 (copper)

Dear Mitt:

Thanks a lot for the detailed reply on the Martin Mining Company matter which explains the situation clearly.

Sincerely,

Bill Broadgate

W. C. Broadgate
Consultant to Senator Murray

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 11 1952

700 FILE COPY
SURNAME:

Rutledge
Ellis

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

FEB 4 - 1952

Mr. Elmer [illegible] Robinson, President
Martin Mining Company
Nelson, Montana

Re: Docket No. [illegible]-2275 (Copper)

Dear Mr. Robinson:

Reference is made to your letter of January 2[illegible], 1952, in which you stated your belief that the examination by the Examining Team of your property for a production loan and later for an exploration loan was not as thorough as the deposit and the development warranted. The examination was made for the purpose of reviewing the geology of the deposit, mapping the ore bodies already developed, and taking sufficient samples to check those shown on the maps of the property forwarded with your original application and also the samples taken by the Great Northern Railroad. The check samples of the vein material from the Martin Mill checked very closely with those shown by the Great Northern Railroad (L-22; L-[illegible]-211; L-[illegible]-218). Mapping of the sulfide zones of mineralization exposed in the accessible workings checked with the sample locations of the Great Northern Railroad samples.

Since the sulfide mineralization in some instances is relatively small lenses and pods, up to 25 feet in length, this was also an indication that the samples taken by the Great Northern Railroad were indicative of the probable value of the zones sampled. The sample returns shown on the maps accompanying your application taken at approximately the same locations, are much higher in all cases and other of your samples were taken where the sulfide mineralization is too small to be considered as feasible for economic mining. Therefore, it has been deduced that the Martin Mining Company's samples represent specimen assays rather than those of impartially collected channel samples taken across the mineralized zone. This is understandable since the taking of representative samples is one of the most difficult features of mine examination.

For your information a comparison of the Martin sample results are given below:

Location	Sample No.	Pb percent	Zn percent	Cu percent	Ag oz/ton	Au oz/ton
	M.M.C. 10-3	3.3	9.0	11.4	17	---
	G.N.R. 8-22	---	none	0.4	1.9	0.01
	U.S.G.S. 211 (dump)	0.4	<0.05)	0.2	1.8	.16
	U.S.G.S. 212 (dump)	0.05	<0.05)			
	M.M.C. 16-[illegible]	5.3	12.[illegible]	21.0	2[illegible]	---
	G.N.R. 8-20	---	0.2	[illegible].8	16.3	0.04
C	M.M.C. 40-[illegible]	5.1	12.9	7.3	11.3	---
	G.N.R. [illegible]-21	---	0.5	2.2	5.1	0.[illegible]2

Note: M.M.C. samples refer to samples reported by the Martin Mining Co. G.N.R. samples are those obtained from the Great Northern Railroad. U.S.G.S. samples were those taken by the Examination Team.

The remaining samples reported by the Martin Mining Co. were taken at locations where no appreciable quantities of sulfides occured.

In closing it may be stated that while the production loan was denied on the lack of demonstrable ore reserves, the granting of an exploration loan was denied on the basis that the geologic evidence for the possible discovery of additional ore bodies did not warrant an exploration project. However, if future development at your property reveals additional information which might materially alter the present picture we will be glad to reconsider your application.

We wish to again thank you for bringing this property to our attention and believe the above data substantiates our decision.

Sincerely yours,

C. O. Mittendorf (for) 2/4/52

Mining Administrator
Defense Minerals Exploration Administration

FARutledge/jem
1-31-52
cc to: Adm. Reading File
Docket
Messrs. Johnson, G.H. Rm. 3621
Nelson, Ned Rm. 4216 G.S.
Ellis
Rutledge
Field Team, Reg. II (2)

FILE COPY
SURNAME:

Rutledge
Johnson
Nelson

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

FEB 4 - 1952

Mr. [illegible] C. Prendergast
Consultant to Senator Murray
Room [illegible] Senate Office Building
Washington, D.C.

re: Docket [illegible]-275 (Lower)
Martin Mining Company
Wallace, Idaho

Dear Mr. Prendergast:

We have concerned ourselves with the activities of the Martin Mining Company, [illegible]-275, and find that Mr. Robinson's accusations are unfounded insofar as the grade of the ores deposited and the possibility of future discoveries as the Martin Mine are concerned based on the results of the development to date and the reports to date. During the examination team composed of the Geological Survey and the Bureau of Mines took out, and check samples of ore in underground, the last two large samples described from five-foot cut site in the Martin adit vein material [illegible] 200 [illegible]. These are as follows:

Sample	(1) percent	(2) percent	(3) percent	(4) oz/ton	(5) oz/ton
[illegible] 204	0.4	< [illegible]			
[illegible] 202	< [illegible]	< [illegible]	[illegible]	[illegible]	[illegible]

This is very close to the [illegible] reported by the Great Northern [illegible] of the vein material in the Martin adit. It is [illegible] that the return of a sample (4) submitted by the Martin Mining Co. from the same vein is much higher. [illegible]

Sample	(1) percent	(2) percent	(3) percent	(4) oz/ton	(5) oz/ton	(6) feet
Martin Mining Co.						
1-43	3.3	9.0	[illegible]	[illegible]	---	---
Great Northern						
Adit [illegible]-22	---	[illegible]	[illegible]	2.9	[illegible]	1.3

[illegible] samples reported by the Martin Mining Company [illegible] appearance of the vein material at [illegible] than the channel samples which would have to be representative of the mineral [illegible] of [illegible].

Other sample results obtained from the Great Northern Railroad for other of the small lenses of ore in the mineralized zone contained up to 0.[illegible] percent copper. The sample reported by Mr. Robinson, President of the Martin Mining Co., as taken by the Northern Pacific Railroad and said to contain as much as [illegible] percent copper probably were also of picked specimens of the highest grade material since they are not substantiated by any channel samples shown on the Railroad company's maps.

The development to date at the Martin Mine is said to consist of approximately 2[illegible]0 feet of drifts and prospects, a 3[illegible]-foot shaft, a 10-foot winze, and two air raises in the mineralized zone. This development has prospected the Martin vein structure for over 3[illegible] feet horizontally, apparently to the limits of the mineralization, and 300 feet vertically without finding an appreciable tonnage of commercial ore. The mineralization is concentrated in small, irregular lenses and pockets along the vein and the geologic mapping in the upper levels suggest that the total tonnage of ore is small.

The more recent work of the company has been directed to the development of a prospect 12[illegible]0 feet [illegible] 70° [illegible]. of the Martin Mine. This has been called the Donald adit and was driven to explore a tabular body of highly silicified latite porphyry adjacent to a fault contact. This body is almost completely delineated by the workings and is estimated to contain approximately 1,[illegible]0 tons. Analysis of a channel sample of this material is given below:

Sample No.	Mo percent	Cu percent	Pb percent	Ag oz/ton	Au oz/ton
[illegible] 210	<0.05	<[illegible]	[illegible]	<0.0[illegible]	[illegible]

On the basis of the known mineralization and the geologic evidence it is unlikely that future exploration of the Martin Mine will develop any significant tonnage of ore. Mr. Oscar Ingman, Montana School of Mines, has stated in a report to [illegible] Mining Company, Inc., White Sulphur Springs, Montana, that "It is possible, but not at all certain, that the mine, as now opened up, does contain shipping grade ore." He also mentioned: "It should be stated that ore, of the grade so far exposed, can be made profitable by selective mining, and that a large mill is out of the question because of the small tonnage now available."

From this it does not seem that Mr. Dingman could have had much hope for the development of any significant tonnage from this deposit.

The basis for the rejection of this project was not the small tonnage of ore developed by the extensive workings already driven, but that the geologic evidence for the possible discovery of additional ore bodies did not warrant an exploration project.

Sincerely yours,

C. O. Mittendorf (for) 2/4/52

Acting Administrator
Defense Minerals Exploration
Administration

FARutledge/jem
1-30-52
cc to: Adm. Reading File
Docket
Messrs. Brondgate
Johnson, C.H. Rm. 3621
Nelson, Ned, Rm. 4216 G.S.
Ellis
Rutledge
Field Team, Reg. II (2)

Docket

JOSEPH C. O'MAHONEY, WYO., CHAIRMAN
JAMES E. MURRAY, MONT.
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MILLS ASTIN, CHIEF CLERK

United States Senate

COMMITTEE ON
INTERIOR AND INSULAR AFFAIRS

January 23, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 25 1952

Mr. C. O. Mittendorf
Room 4640
New Interior Building
Washington, D. C.

Dear Mitt:

Please check into DMEA-2275 for us.

Senator Murray has a letter complaining that Meyers of your field office spent four days inspecting the property (which seems ample) but that "he had taken only one sample from the center of the tunnel, a very poor spot."

Robinson, president of the company says " Mr. George Boutter, engineer for the Northern Pacific R.R. took some samples that showed as much as 20% copper."

I should be pleased to know the grounds for the rejection of this project. Mr. Robinson states it was "because we did not have sufficient ore uncovered to warrant a loan" which seems a strange reason for rejecting an exploration application.

Sincerely

Bill Broadgate
W. C. Broadgate
CONSULTANT TO SENATOR MURRAY

ELMER W. ROBINSON, Polson, President
HANS TUTVEDT, Kalispell, Vice President
WAINO LINDBOM, Niarada, Sec.-Treas.

Docket

Directors:
T. R. FLYNN, Kalispell
AL. KNUTSON, Ronan
A. R. JOHNSON, Kalispell
TOM MADDISON, Whitefish

MARTIN MINING COMPANY

Polson, Montana

Jan. 22, 1952

DMEA-2275

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 28 1952

Mr. C. O. Mittendorf
Acting Adm. D.M.E.A.
Washington 25, D.C.

Dear Mr. Mittendorf:

In your letter of January 7th you stated our application for an exploration loan had been refused for lack of evidence to justify such a loan--I suppose we did the wrong thing in by-passing the Geological Survey Office of Mr. Weisenborn in Spokane.

In February 1951 we made application for a Production Loan through Mr. Weisenborn's office and it was five months before we were told they could not recommend a loan and Mr. Myers, Assistant to Mr. Weisenborn, told me in the presence of a witness that he only took one sample out of the mine. At the time they were there we had about a foot of snow and Mr. Myers also admitted he had no knowledge of what the surface looked like. We have worked for a year since that inspection and Mr. Boulter, N. P. Engineer at Billings, Montana took some samples of which one of them showed 20% copper.

I did not go through Mr. Weisenborn's office in Spokane because I felt it would save some delay in reaching your office and I am sure we are entitled to a more thorough inspection than one sample.

We have approximately five hundred stockholders that pay taxes toward maintenance of these bureaus that are entitled to a fair deal out of this.

The Flathead Mine which joins us and which is owned by the Anaconda Copper Mining Company reported about the time they shut down to have almost pure copper on their lowest level which is 1100 feet. Mr. A. R. Johnson, of Kalispell, Montana, one of our directors, remarked to the forman of operations on the ACM that he understood they had hit pure copper on the 1100' level, to which the foreman replied "No we don't have pure copper but we have some Dam Fine ore." I have also heard Mr. Hobbins (Deceased President of the ACM) remark, that there

ELMER W. ROBINSON, Polson, President
HANS TUTVEDT, Kalispell, Vice President
WAINO LINDBOM, Niarada, Sec.-Treas.

Directors:
T. R. FLYNN, Kalispell
AL. KNUTSON, Ronan
A. R. JOHNSON, Kalispell
TOM MADDISON, Whitefish

MARTIN MINING COMPANY

Polson, Montana

Jan. 22, 1952

would be more ore taken out of the Hog Heaven District some day than was ever taken out of Butte so I believe we are entitled to a little more thorough inspection than we have received.

Thanking you for your past courtesies, I remain

Sincerely,

Elmer W. Robinson

Elmer W. Robinson, President
Martin Mining Company

R:G

CLASS OF SERVICE

This is a full-rate Telegram or Cablegram unless its deferred character is indicated by a suitable symbol above or preceding the address.

WESTERN UNION

1201

SYMBOLS

DL=Day Letter

NL=Night Letter

LT=Int'l Letter Telegram

VLT=Int'l Victory Ltr.

W. P. MARSHALL, PRESIDENT

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 28 1952

The filing time shown in the date line on telegrams and day letters is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination

PRA317

1952 JAN 28 PM 11 17

PR.SKA948 NL PD=SPOKANE WASH 28=

ERNEST W ELLIS, ACTING CHIEF RARE AND MISCELANEOUS METALS

DIVN=DEFENSE MINERALS EXP ADMINISTRATIN DEPT

OFNINTERIOR WASHDC=

RE DOCKET DMA 2275 MARTIN MINING CO ADDITIONAL RETURNS

BUREAU SAMPLE 210 FROM DONALD ADIT ARE COPPER 1 TENTH

PER CENT GOLD 2 HUNDREDS AND SILVER LESS 5 HUNDREDS OUNCES

PER TON. COMPANY DATA ON 1 HORIZONTAL HOLE DRILLED SAME

ADIT AND SEVERAL HOLES FROM MARTIN MINE ARE UNSUPPORTED

BY LOGS AND ASSAYS. HAVE NO EXPLORATION DATA AFTER MAY

DARD FORM No. 14
ROVED BY THE PRESIDENT
MARCH 10, 1926

TELEGRAM

OFFICIAL BUSINESS—GOVERNMENT RATES

NITE LETTER

FROM M. E. Volin

BUREAU of Mines

CHG. APPROPRIATION

U. S. GOVERNMENT PRINTING OFFICE 10—1723

Spokane, Wash.
January 28, 1952

Ernest W. Ellis, Acting Chief
Rare and Misc. Metals Division
Defense Minerals Exploration Admin.
Dept. of Interior
Washington, D. C.

Re Docket DMA 2275 Martin Mining Company. Additional returns Bureau sample 210 from Donald adit are copper one-tenth percent, gold two hundreds and silver less five hundreds ounces per ton. Company data on one horizontal hole drilled same adit and several holes from Martin mine are unsupported by logs and assays. Have no exploration data after May 1951 examination.

M. E. Volin, Chief
Mining Division

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 31 1952

Confirmation copy -

FILE COPY 700
SURNAME:

Ellis
Shum
Nelson
Hedges
Thayer

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

AD A II

JAN 7 1952

BN

Mr. Elmer A. Robinson, President
Martin Mining Company
Polson, Montana

Re: Docket No. MDA-2875 (Copper)

Dear Mr. Robinson:

Your application for an exploration contract on your copper property in the Cooper Seven Mining District, Montana has been reviewed by this Agency and other interested Government Agencies.

In the light of all the data available, there is not sufficient promise of making a significant discovery of copper ore which might be considered important to the National Defense. Under the circumstances we regret to inform you that your application is denied.

If future work at your property reveals evidence which could materially alter this opinion, please be assured we will be glad to consider a new application.

Sincerely yours,

C. O. Mittendorf (for) S.W. 1-7-52

Acting Administrator
Defense Minerals Exploration Administration

EAEllis/jem
1-3-51
cc to: Adm. Reading File
Mails & Files Br.
Docket
Field Team, Region II (2)
Messrs. Mittendorf
Johnson, C.H. Rm. 3619
Nelson, Ned, Rm. 4216 G.S.
Ellis

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

December 29, 1951

Memorandum

To: Rare & Miscellaneous Metals Branch, DMEA

From: C. H. Johnson

Subject: DMEA 2275, Martin Mining Company, Flathead County, Montana (Copper, lead)

I have reviewed the file on the above applicant's loan application, which was denied July 20, 1951 (DMA 679), and on the basis of the Field Team report recommend denial of the present application for an exploratory project. Nothing has been found, so far as acceptable evidence goes, to indicate that a worthwhile discovery would result from further exploration of these deposits. The known oreshoots have been far too small to mine profitably, and the main "structure" appears to have been thoroughly explored.

C. H. Johnson

Copy to Mr. Nelson, Room 4216, U.S.G.S.
Minerals Division
~~Base~~ Metals Branch
Files

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

DEPARTMENT OF THE INTERIOR
RECEIVED
JAN 4 1952
Defense Minerals Administration,
Production Expansion Division.

December 29, 1951

Memorandum

To: Rare & Miscellaneous Metals Branch, DMEA

From: C. H. Johnson

Subject: DMEA 2275, Martin Mining Company, Flathead County, Montana (Copper, lead)

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C. H. Johnson
C. H. Johnson

Copy to Mr. Nelson, Room 4216, U.S.G.S.
Minerals Division
Base Metals Branch
Files

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C.
JAN 3 3 23 PM 1952

RECEIVED
JAN 4 1952

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

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

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C.

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

DEC 6 1 00 AM '51

DO NOT FILL IN THIS BLOCK

Docket No. D.M.E.A. 2275

Date received 12-6-51

Participation

MARTIN MINING COMPANY
POISON MONTANA

RECEIVED
JAN 4 1952

Name and address of applicant

Date Nov. 30, 1951

FILL IN THIS BLOCK

Date of application November 30, 1951

Estimated cost $56,460.00

Mineral or metal Mineral Copper

Percentage of Government participation 50%

Location of mine Hog Heaven Mining District

Date of filing MF-100 February 1951

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)? $28,230.00

*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. NW & SW¼ Sec.20 T.25N, R.23W

*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. Milled on the property Trucked 34 mi. to NP railroad

*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? Silver and copper

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.

Martin Mining Co — (Name of company)

By Elmer W. Robinson — (Signature of authorized official)

12-2-51 — (Date)

President — (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

ELMER W. ROBINSON, Polson, President
HANS TUTVEDT, Kalispell, Vice President
WAINO LINDBOM, Niarada, Sec.-Treas.

Directors:
T. R. FLYNN, Kalispell
AL. KNUTSON, Ronan
A. R. JOHNSON, Kalispell
TOM MADDISON, Whitefish

MARTIN MINING COMPANY

Polson, Montana

Form M-163

21. proposed to run 800 feet of drifts 247 feet
proposed to make a raise of 77 feet and to sink a shaft-
two compartments-below the 77 feet raise
proposed to diamond drill above justified approx. 300 feet

Estimated time to complete-18 months

22.

(A) Shaftman on contract $40.00 per ft.
Foreman & hoisting engineer $16.00 per day
timber framer " " "
compressor man and pump man " " "
(b)
Supervisor-one 500.00 per month
(c) None
(d) None
(e) Mucking machine- 2800.00
(f) & Rental for equipment 320.00 per month
(g) f None
(h) Timber 14.00 per foot
Other supplies 100.00 " "
(i) Included in (h)-other supplies

24.

40 hour week for 10 months

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

December 28, 1951

Memorandum

To: Operating Committee

From: Mr. N. E. Nelson

Subject: DMEA 2275, Martin Mining Company, Polson, Montana

This docket consists of MF-103 and one letterhead of Martin Mining Company on which are careless answers to questions 21, 22 and 23 of the MF-103.

On the MF-103 the following questions are answered, 9, 10, 15, and 20.

This is an application for exploration funds to prospect for silver and copper, replacing loan application DMA-679, wherein the same prospect was to be helped to provide silver-lead-zinc ore to a 50 ton mill.

Reference to Docket 679 shows that the field team (Region II) under date of July 3, 1951, concurred in the opinion of the examining team which "does not recommend a production loan on the property nor does it consider that an exploration contract is justified". The application was denied July 20, 1951. The production loan asked for in DMA 679, totalled $195,000.00. DMEA 2275 asks for one-half of $56,460.00.

Three samples were taken by the three-man examining team, and they support the expressed belief that the few - ± 10 - samples taken by company men are not representative.

Since only 16 tons of ore, reported as from the 200 level, seem to have been shipped and little is spoken of as on the dumps (Dingman sampled 10-14 tons) the visual evaluation of the examination team is accepted.

No new technical information is supplied with the new application. The amount of money asked for has been greatly reduced and

the applicant says it can carry its share - one-half of $56,460.00 - of an exploration loan.

Even so this silver-copper prospect has little more appeal than it had when as a lead-zinc-silver mine it asked for a production loan.

The field team believed an exploration contract was not justified in July nor is one warranted now.

Ned E. Nelson
Geologist

IN REPLY REFER TO:

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

December 28, 1951

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N. E. Nelson

Ned E. Nelson
Geologist

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

DEFENSE MINERALS ADMINISTRATION
WASHINGTON, D. C.
DEC 6 1 00 AM '51

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

679

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. D.M.E.A. 2275

Date received 12-6-51

Participation

MARTIN MINING COMPANY
POLSON MONTANA

Name and address of applicant

Date Nov. 30, 1951

FILL IN THIS BLOCK

Date of application November 30, 1951

Estimated cost $56,460.00

Mineral or metal Mineral

Percentage of Government participation 50%

Location of mine Hog Heaven Mining District

Date of filing MF-100 February 1951

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)? $28,230.00

*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. NW & SW¼ Sec.20 T.25N, R.23W

*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. Milled on the property
Trucked 34 mi. to NP railroad

*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? Silver and copper

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.

Martin Mining Co By Elmer W. Robinson
(Name of company) (Signature of authorized official)

12-2-51 President
(Date) (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

ELMER W. ROBINSON, Polson, President
HANS TUTVEDT, Kalispell, Vice President
WAINO LINDBOM, Niarada, Sec.-Treas.

Directors:
T. R. FLYNN, Kalispell
AL. KNUTSON, Ronan
A. R. JOHNSON, Kalispell
TOM MADDISON, Whitefish

MARTIN MINING COMPANY

Polson, Montana

Form MF-103

21. proposed to run 800 feet of drifts 5x7 feet
proposed to make a raise of 77 feet and to sink a shaft-two compartments-below the 77 feet raise
proposed to diamond drill where justified approx. 900 feet

Estimated time to complete-18 months

23.

(A)	Shaftmen on contract	$40.00	per ft.
	Topmen & hoisting engineer	$15.00	per day
	timber framer	"	" "
	compressor man and pump man	"	" "
(b)			
	Supervisor-one	500.00	per month
(c)	None		
(d)	None		
(e)	Mucking machine-	2800.00	
(f)	Rental for equipment	920.00	per month
(g)	None		
(h)	Timber	14.00	per foot
	Other supplies	100.00	" "
(i)	Included in (h)-other supplies		

24.

40 hour week for 18 months

Exploration

Subject: DMEA-2275
Re: Exploration Loan
Martin Mine

Mr. Elmer W. Robinson, President
Martin Mining Company
Polson, Montana

My dear Mr. Robinson:

This will acknowledge receipt of your application dated November 30, 1951 for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMEA-2275 and referred to the Base Metals Branch.

Kindly refer to DMEA-2275 in any future correspondence relating to your application.

Sincerely yours,

ROBERT E. ADAMS

Robert E. Adams,
Acting Administrative Officer

7862

ELMER W. ROBINSON, Polson, President
HANS TUTVEDT, Kalispell, Vice President
WAINO LINDBOM, Niarada, Sec.-Treas.

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TOM MADDISON, Whitefish

MARTIN MINING COMPANY

Polson, Montana

BALANCE SHEET

- - - - - -October 31, 1951- - - - - -

ASSETS		
Current Assets:		
Bank	940.57	
Accounts Receivable	111.60	
Fixed Assets:		
Machinery	20 876.59	
Assay Officer Building	4 629.68	
Mill & Building	13 569.80	
Machinery & Tools	150.00	
Office Equipment	11.86	
Other Assets:		
Exploration & Development	211 556.26	
Organization expense	298.50	
Commissions	9 577.04	
Disc. Sales Stock	900.00	
General Expense	9 148.82	
Total Assets		271 770.72
LIABILITIES:		
Current Liabilities:		
Loans Payable	10 600.00	
Accrued Payroll	4 311.00	
Accounts Payable	3 825.54	
Notes Payable	7 500.00	
Social Security	120.74	
Accrued Withholding	281.40	
Accrued tax	217.67	
Deferred Liabilities:		
Prem. on Stock Sales	147 636.16	
Capital Stock - Par	92 543.08	
Earned Surplus	(104.39)	
Contributed Surplus	4 000.00	
Misc. Income	812.36	
Cash Discounts earned	27.16	
Total Liabilities & Capital		271 770.72

COPY

TACOMA SMELTER
American smelting and refining company
Settlement statement

Tacoma, Washington, November 16, 1951

SHIPPER Martin Mining Company

Polson Montana MATERIAL Bulk cts.

SMELTER LOT 2894 MINE LOT DATE RECEIVED Nov.6-51

CAR OR VESSEL 52599

Silver quot.	Copper quot.		
Nov.5-10	Nov.5-10		
90	24.2 less	2.75	21.45

As.	SB.	S102
1.30	.69	22.2

Net wgt.	H20	Dry wgt.	ASSAYS AU	AG	CU	CONTENTS Gold oz	Silver oz	lbs Cop
61,540	11.93	54,198	.17	14.73	4.40	4.607	399	2,385
		Less 1 unit Cu				91p14%	195%	542
						4.199	379	1,843

Gold @ $34.9125	$ 146.60	
Silver @ 90¢	341.10	
Copper @21.45¢	395.32	$883.02

Base charge	$10.50		
As. less 1% @ 40¢	.12		
	$10.62	$ 287.79	
Excess moisture over 10% @ 10¢ unit		5.94	
Freight 80,000 (MIN.) $6.74		269.60	
" increase 6% (Aug.28)		16.18	
" tax 3%		8.57	588.08
			$294.94

To be paid upon receipt by us of properly executed affidavit which will qualify the Silver content of this shipment for sale to the U. S. Government

Ozs. 399-20 @ 90¢ less 88¢	2¢	7.58
		$287.36

10% of $287.36 Northern Pacific Railway Co.
St. Paul, Minnesota

90% of $287.36 Martin Mining Co.
Polson, Montana

HANS TUTVEDT, President, Kalispell
BEN SCHLEGEL, Vice-President, Kalispell
T. R. FLYNN, Sec.-Treas., Kalispell

WAINO LINDBOM, Supt. of Operations
TOM MADDISON, Whitefish, Montana
ELMER ROBINSON, Polson, Montana
JACK GASTON, Hot Springs, Montana

MARTIN MINING COMPANY

KALISPELL, MONTANA

A. V. TRENT,
OWNER-MANAGER

GOODALL BROTHERS

ASSAYERS AND METALLURGICAL CHEMISTS

46 SO. MAIN ST., HELENA, MONTANA

TEL. 628
P. O. BOX 537

Date APR 1 - 1950

UMPIRE ASSAY_____ CONTROL ASSAY_____ HAND SAMPLE_____

ASSAYED FOR: Martin Mining Co. | MARKS: Nirvana

SAMPLE NO.	DESCRIPTION	GOLD OZS. PER TON	SILVER OZS. PER TON	WET LEAD PER CENT	COPPER PER CENT	ZINC PER CENT	IRON PER CENT	INSOL. PER CENT	PER CENT	TOTAL VALUE PER TON
41	N. x cut	0.56	85.5	0.8	18.5	1.6				
42	101 x cut E.	0.01	1.4	1.4	0.3	0.3				

Gold not deducted:_____

Charges $ 12.00

GOODALL BROTHERS

By A. V. Trent

THURBER'S, HELENA

A. V. TRENT,
Owner-Manager

GOODALL BROTHERS

ASSAYERS AND METALLURGICAL CHEMISTS

46 SO. MAIN ST., HELENA, MONTANA

TEL. 628
P. O. BOX 537

Date JAN 30 1953

UMPIRE ASSAY..... CONTROL ASSAY..... HAND SAMPLE.....

ASSAYED FOR: W. W. Gudbon

MARKS: Nimada, Montana

Sample No.	DESCRIPTION	GOLD Ozs. Per Ton	SILVER Ozs. Per Ton	WET LEAD Per Cent	COPPER Per Cent	ZINC Per Cent	IRON Per Cent	INSOL. Per Cent	Per Cent	Total Value Per Ton
101	D.N.-R.S.	0.10	10.9		2.9	0.2				29.00
101	X.C.-A.	0.32	44.5		8.5					100.50
102	D.N.-B.	0.38	42.6		7.8					95.00
102	D.N.-C.	0.28	40.9		7.1					85.00
102	D.N.-E.	0.07	10.0		1.7					21.00
102	D.N.-R.S.	0.02	2.4		0.7					9.50
103	D.S.-D.	0.08	11.3		1.6					22.45
201	D.N.-B.	0.02	6.0	3.2		14.3				74.68

Gold not deducted:.....

Charges $ 25.50

GOODALL BROS.

By G. W. Grant

NPCo. B-6696—Form 1

JOHN S. ROACH

EDWARD ROACH

LEWIS & WALKER

ASSAYERS AND CHEMISTS

SHIPPERS' REPRESENTATIVES

Drawer 1980

Phone 3982

108 North Wyoming Street
BUTTE, MONTANA

Date Oct 2, 1951

Martin Mining Company

Your Sample Assayed as Follows:

	OZS. PER TON	OZS. PER TON	VALUE PER TON AT $35 PER OZ.	%	%	%	%	%	%	%
	SILVER	GOLD	GOLD $ CTS.	COPPER	LEAD	ZINC	SILICA	IRON	MANGANESE	
	11.90	0.16		3.72	1.60					

Charges $_____

Respectfully Submitted

Lewis & Walker

72
90
1080

372
744
2976
1488
372
18,228
10,80
5,60
34.62

16
35
80
48
560

HANS TUTVEDT, President, Kalispell
BEN SCHLEGEL, Vice-President, Kalispell
T. R. FLYNN, Sec.-Treas., Kalispell

WAINO LINDBOM, Supt. of Operations
TOM MADDISON, Whitefish, Montana
ELMER ROBINSON, Polson, Montana
JACK GASTON, Hot Springs, Montana

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C.
DEC 6 1 00 AM '51

MARTIN MINING COMPANY

KALISPELL, MONTANA

D.M.E.A.-2295

POLSON, MONTANA
December 1, 1951

Defense Minerals Administration
Washington, D. C.

Gentlemen:

We would like to apply for an exploration loan for the Martin Mine, operating as the Martin Mining Company. This mine is located in the Hog Heaven Mining District, fifty-two miles southwest of Kalispell, Montana.

Some time in February, 1951, we made an application for a production loan through your office and were turned down, hence the request for this loan. The reason for refusal being insufficient ore uncovered.

We lease 230 acres from the Northern Pacific Railway Company, offices at Billings, Montana. Mr. George Boulter of the Northern Pacific Railway Company, acting under Mr. W. A. Gilles, chief geologist, has spent some time with us in the last few months; he could give you maps of any part of the property, also any information you might need including assay returns.

We might also refer you to Mr. O. Dingman who has been with the Butte School of Mines for 28 years.

Enclosed you will find a copy of the lease, copy of smelter returns on a car of ore shipped to Tacoma, Washington, and assay findings. We included maps with our application for a production loan which was #DMA-679, the same reviewed and refused July 20, 1951.

We are in a position to furnish our part of the money.

Respectfully yours,

Martin Mining Company

By Elmer W. Robinson
President

P.S. It might be added Mr. O. Dingman referred to above, stated in the presence of Mr. A. E. Weisenborn, at a meeting in the Florence Hotel, Missoula, Montana, of which Mr. Weisenborn was the principal speaker, that, he, Mr. Dingman had examined our property many times and felt it was one of the finest prospects in the northwest.

Check with DMEA for MS 100's. More Fitzhugh speaks here. I.C.R., 12-6-51

COPY

NORTHERN PACIFIC RAILWAY COMPANY

Montana Division

T&M Contract No. 2365-C

CONTRACT made this 3rd day of May, 1949, between NORTHERN PACIFIC RAILWAY COMPANY, a corporation of Wisconsin, grantor, and MARTIN MINING CO., a corporation of Montana, grantee.

The parties for a valuable consideration from each to the other moving, the receipt whereof is acknowledged, hereby renew that certain contract dated May 24, 1943, between Northern Pacific Railway Company and O. F. Martin, to whose rights the grantee has duly succeeded, relating to prospecting for, mining and removing all valuable metalliferous minerals, except such as are recoveralbe by placer mining methods, from certain lands in Flathead County, Montana and extend the term thereof to November 1, 1949.

The grantee will diligently continue explorations upon the premises during the extended term (unless temporarily interrupted by causes beyond grantee's control) or until valuable minerals are earlier discovered in paying quantities.

All other terms and conditions of said contract shall remain unaffected.

IN WITNESS WHEREOF the parties have executed this instrument in duplicate.

Attest:

_____
Assistant Land Commissioner

NORTHERN PACIFIC RAILWAY COMPANY

By_____
Land Commissioner

MARTIN MINING COMPANY,
By_____
President

HANS TUTVEDT, President, Kalispell
BEN SCHLEGEL, Vice-President, Kalispell
T. R. FLYNN, Sec.-Treas., Kalispell

WAINO LINDBOM, Supt. of Operations
TOM MADDISON, Whitefish, Montana
ELMER ROBINSON, Polson, Montana
JACK GASTON, Hot Springs, Montana

MARTIN MINING COMPANY

KALISPELL, MONTANA

COPY

EXHIBIT "A"

NORTHERN PACIFIC RAILWAY COMPANY

Montana Division

T&M Contract No. 2365-C

CONTRACT made this _____ day of _____, 19 __, between NORTHERN PACIFIC RAILWAY COMPANY, a corporation of Wisconsin, lessor, and O. F. MARTIN of Kalispell, Montana, lessee.

The lessor in consideration of the sum of One Dollar ($1.00) to it paid by the lessee, the receipt whereof is acknowledged, and in further consideration of the covenants herein contained to be performed by the lessee, hereby grants unto the lessee for the term of ten (10) years commencing with the date of this contract, the right to mine and remove all valuable metalliferous minerals except such as are recoverable by placer mining methods, which may be contained in the following described land situate d in Flathead County, State of Montana, to-wit:

North half of Northeast quarter of Southwest quarter ($N\frac{1}{2}NE\frac{1}{4}SW\frac{1}{4}$), Southwest quarter of Northeast quarter of Southwest quarter ($SW\frac{1}{4}NE\frac{1}{4}SW\frac{1}{4}$) and Northwest quarter of Southwest quarter ($NW\frac{1}{4}SW\frac{1}{4}$) of Section Twenty (20), Township Twenty-five (25) North, Range Twenty-three (23) West of the Montana Principal Meridian, subject to right of way for ditches or canals constructed by authority of the United States, to an easement in the public for any public roads heretofore laid out or established or now existing over or across any part of the premised, and to the rights of a lessee of the surface for grazing purposes.

The lessor reserves the right to cut and remove or to allow others to cut and remove the timber upon the premises.

1. The lessee forthwith will enter upon the premises and mine and remove therefrom the valuable metalliferous minerals contained therein, except such as are recoverable by placer mining methods, and will diligently and continuously pursue such work during the term.

2. The lessee will pay to the lessor as rental a royalty upon all direct shipping ores produced from the premises based upon the net smelter returns, as follows:

Where the net smelter returns shall be Fifteen Dollars ($15.00) per ton, or less, the royalty shall be ten (10) per cent of such returns where the net smelter returns shall be in excess of Fifteen Dollars ($15.00) per ton, the royalty shall be increased one (1) per cent for each increase of Two Dollars ($2.00) per ton, or fraction thereof, of the net smelter returns of said ores, but in no event shall the royalty exceed thirty (30) per cent of such returns.

The lessee will pay a royalty of ten (10) per cent of the net smelter returns upom all concentrates, and a royalty of ten (10) per cent of the net bullion returns upom all gold and/or silver precipitates and gold and/or silver bullion produced from ores from the premises milled by him. The value of concentrates or bullion shall not be added to the value of smelter returns so as to in crease the royalty rate dependent upon the amount of such returns. (continued)

HANS TUTVEDT, President, Kalispell
BEN SCHLEGEL, Vice-President, Kalispell
T. R. FLYNN, Sec.-Treas., Kalispell

WAINO LINDBOM, Supt. of Operations
TOM MADDISON, Whitefish, Montana
ELMER ROBINSON, Polson, Montana
JACK GASTON, Hot Springs, Montana

MARTIN MINING COMPANY

KALISPELL, MONTANA

COPY

"Net smelter returns" means the amount paid by the smelter after deducting the charges for railway freight and treatment and also after deducting charges for trucking ores and concentrates from the mine or mill to the railway. "Net bullion returns" means the amount received by the lessee from the mint or other lawful purchaser of gold and for all gold and/or silver bullion and gold and/or wilver precipitates produced from milling ores from the premises milled by him. "Concentrates" means any other material resulting from treatment of ores from the premises which may be shipped.

Royalty payments shall be made to the lessor at St. Paul, Minnesota, on the 15th day of each month covering all operations of the preceding calendar month and shall be accompanied with a report of all such operations and duplicate copies of smelter, refinery, mint or other statements relating to the sale of valuable metalliferous minerals produced from the premises.

The lessee will pay to the lessor semi-annually in advance a minimum royalty of One Hundred Dollars($100.00) per annum during the first year of the term and One Thousand Dollars ($1,000.00) per annum thereafter, but such advance payments shall be credited on acount of royalties inuring to the lessor during the year for which such advance payment is made.

3. Commencing with those for the year of the date of this lease, the lessee agrees to pay all taxes of every kind levied or imposed upon the lands hereby leased, and upon the improvements placed by him upon the premises; for the calendar year that this lease expires or in the event of earlier termination thereof, the lessee will pay such proportion of the taxes and assessments for that year as the number of months of the year the lease is in effect bears to twelve. The lessee will also pay all taxes levied or imposed upon the mineral produced, including all net proceeds taxes, and will refund and repay to the lessor any taxes which the lessor may be required to pay to the State of Montana on royalty received; it being the intention that the lessor shall be relieved from the payment of any and all taxes upon the lands, improvements of the lessee, net proceeds, and all other State and local taxes on account of any mining operations by the lessee hereunder.

4. Promptly on demand from time to time the lessee will furnish to the lessor maps and plats based on actual survey showing his workings on the premises and adjoining lands.

5. The lessee will conduct all mining and other operations in such manner only as is usual and customary in skillful and proper operations of similar character to produce the largest possible recovery of the metals, and so as not to cause or permit any unnecessary or unusual permanent injury to the mines or inconvenience or hindrance to subsequent operation of same, and will deposit all earth, rocksand other useless material in such places and in such manner as will not conflict with or embarrass future mining operations.

6. The lessor shall have the right by its agents and servants to enter upon the premises at any time for the purpose of inspection and checking the operations of the lessee, not unnecessarily or unreasonably hindering or interrupting such operations, and shall have access at all times to all books and accounts of the lessee or other persons carrying on operation on the premises, or handling the ore removed therefrom, relating to the quantity and quality of ore mined or the value thereof.

HANS TUTVEDT, President, Kalispell
BEN SCHLEGEL, Vice-President, Kalispell
T. R. FLYNN, Sec.-Treas., Kalispell

WAINO LINDBOM, Supt. of Operations
TOM MADDISON, Whitefish, Montana
ELMER ROBINSON, Polson, Montana
JACK GASTON, Hot Springs, Montana

MARTIN MINING COMPANY

KALISPELL, MONTANA

COPY

7. The lessee shall not assign this lease or any interest therein, or sublet the right to work said mines or any part thereof, without the written consent of the lessor.

8. The uninterrupted right of the lessee to take, use and carry away the ore shall continue unsuspended notwithstanding any disagreement between the parties, provided payment, according to the terms hereof shall be duly made for all ore removed from the premises.

9. At the termination of this lease the lessee will quietly and peaceably surrender possession to the lessor.

10. At the expiration of the term or upon the earlier termination of this agreement the lessee shall have ninety (90) days in which to remove all engines, tolls, machinery a nd structures, but shall not remove or impair any supports placed in the mines or any timbers or frameworks necessary to the use and maintenance of the shafts or other approaches to the mines nor any tramways within the mines.

11. The lessee may at any time surrender this lease upon six(6) months' written notice to the lessor served by mail addressed to it at St. Paul, Minnesota.

12. If the rent hereby reserved (the royalty being treated as rent or any part thereof, shall remain unpaid after the time when same should be paid, or if the lessee shall fail to keep or perform any other covenant herein expressed to be performed on his part and such default shall continue for ten (10) days, then the lessor at its option after thirty(30) days' written notice, served by mail addressed to the lessee at Kalispell, Montana, may enter upon the premises and exclude therefrom the lessee and all pwesons claiming under him, and the lessor on like notice may terminate this lease if mining operations upon the premises shall at any time cease for the period of six (6) consecutive months, for any reason other than strikes or accidents.

13. When this lease shall for any cause terminate, the lessee will cause to be entered a certificate of that fact upon the proper books of record, provided this lease shall have been recorded.

14. The lessor shall at all times have a lien upon all ore mined and upon all improvements of the lessee, as security for any unpaid balances due under this contract, such balances being treated as purchase money, which lien may be enforced in like manner as liens conferred by chattel mortgage under the laws of Montana or in any other proper and lawful manner.

15. Should title to the premises fail the lessor shall not be liable for more than the amount received hereunder with interest at four (4) per cent per annum; should title to a portion of the premises fail such liability is limited to the amount received from or on account of the portion as to which title fails.

16. A material consideration moving to the lessor, without which this lease would not be made is the covenant by the lessee for himself, his successors and assigns, that all minerals and ores shipped from the premises shall be shipped over such railroad line as the lessor may designate, provided that the rates charged by such railroad, its available facilities and the service furnished by any other competing railroad line; and provided that the cost per ton of haulage and shipment from the premises to the smelter is not greater than that of any other route.

HANS TUTVEDT, President, Kalispell
BEN SCHLEGEL, Vice-President, Kalispell
T. R. FLYNN, Sec.-Treas., Kalispell

WAINO LINDBOM, Supt. of Operations
TOM MADDISON, Whitefish, Montana
ELMER ROBINSON, Polson, Montana
JACK GASTON, Hot Springs, Montana

MARTIN MINING COMPANY

KALISPELL, MONTANA

COPY

17. Each obligation hereof shall be binding upon and every benefit hereof shall inure to the respective heirs, representatives, successors and assigns of the parties.

IN WITNESS WHEREOF, the parties have executed this instrument in duplicate.

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

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

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D. C.
DEC 6 9 00 AM '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. D.M.E.A. 2275

Date received 12-6-51

Participation

MARTIN MINING COMPANY
POISON MONTANA

Name and address of applicant

Date Nov. 30, 1951

FILL IN THIS BLOCK

Date of application November 30, 1951

Estimated cost $56,460.00

Mineral or metal Mineral

Percentage of Government participation 50%

Location of mine Hog Heaven Mining District

Date of filing MF-100 February 1951

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)? $28,230.00

*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. NW & SW¼ Sec.20 T.25N. R.23W

*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. Milled on the property Trucked 34 mi. to NP railroad

*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? Silver and copper

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.

Martin Mining
(Name of company)

By Elmer W. Robinson
(Signature of authorized official)

Dec 2 - 1951
(Date)

President
(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

ELMER W. ROBINSON, Polson, President
HANS TUTVEDT, Kalispell, Vice President
WAINO LINDBOM, Niarada, Sec.-Treas.

Directors:
T. R. FLYNN, Kalispell
AL. KNUTSON, Ronan
A. R. JOHNSON, Kalispell
TOM MADDISON, Whitefish

MARTIN MINING COMPANY

Polson, Montana

Form MP-103

21. proposed to run 800 feet of drifts 5x7 feet
proposed to make a raise of 77 feet and to sink a shaft-
two compartments-below the 77 feet raise
proposed to diamond drill where justified approx. 900 feet

Estimated time to complete-18 months

23.

(A)	Shaftmen on contract	$40.00	per ft.
	Topmen & hoisting engineer	$15.00	per day
	timber framer	"	" "
	compressor man and pump man	"	" "
(b)			
	Supervisor-one	500.00	per month
(c)	None		
(d)	None		
(e)	Mucking machine-	2800.00	
(f)	Rental for equipment	920.00	per month
(g)	None		
(h)	Timber	14.00	per foot
	Other supplies	100.00	" "
(i)	Included in (h)-other supplies		

24.

40 hour week for 18 months

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION

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

DEFENSE MINERALS ADMINISTRATION
WASHINGTON, D. C.

DEC 6 1 00 AM '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. D.M.E.A. 2270

Date received 12-6-51

Participation

MARTIN MINING COMPANY
BOZEMAN MONTANA

Name and address of applicant

Date Nov. 30, 1951

FILL IN THIS BLOCK

Date of application November 30, 1951

Estimated cost $56,460.00

Mineral or metal Mineral

Percentage of Government participation 50%

Location of mine Hog Heaven Mining District

Date of filing MF-100 February 1951

DMA Docket Number, if available

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(*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.

Marlen Mining Co — (Name of company)

By Elmer W. Robinson — (Signature of authorized official)

12-2-51 — (Date)

President — (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

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MARTIN MINING COMPANY

Polson, Montana

Form MP-103

21. proposed to run 800 feet of drifts 5x7 feet
proposed to make a raise of 77 feet and to sink a shaft-
two compartments-below the 77 foot raise
proposed to diamond drill where justified approx. 900 foot

Estimated time to complete-18 months

23.

(A) Shaftmen on contract $40.00 per ft.
Topmen & hoisting engineer $15.00 per day
timber framer " " "
compressor man and pump man " " "

(b)
Supervisor-one 500.00 per month

(c) None
(d) None
(e) Mucking machine- 2800.00
(f) Rental for equipment 920.00 per month
(g) None
(h) Timber 14.00 per foot
Other supplies 100.00 " "
(i) Included in (h)-other supplies

24.

40 hour week for 18 months