DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMEA ~~DMA~~ Docket No. 2340

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
(ONE COPY TO USGS & ONE TO USBM)

To:	CODE 700 Rm. 4640	Date	1-23-52
To:	Opr. Com.	Date	8-18-52
To:	Mittendorf	Date	
To:	Mails + Files	Date	
To:	Docket (Ellis)	Date	
To:		Date	
To:		Date	
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DO NOT DETACH

CONTROLLED DOCUMENT

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

September 3, 1952

Memorandum

To: Operating Control & Statistics Division

From: Ernest Wm. Ellis, Chief
Rare and Miscellaneous Metals Division

Subject: Docket No. DMEA-2340 (Uranium)
Robert Ozias Miller
Lolo National Forest
Near Ovando, Montana

Due to the return of our letter of inquiry directed to the Applicant on July 31, 1952, as well as having had no response to our previous letter of March 5, 1952, we are removing this docket from our active files and recommend that it be considered closed. Mr. Weissenborn's memorandum dated August 22, 1952, to the Operating Committee, concurring in this action is filed in the docket.

Ernest Wm. Ellis

Ernest Wm. Ellis

Docket attached

9/3/52 gla

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.
So. 157 Howard Street
Spokane 4, Washington

August 22, 1952

Mr. George C. Selfridge
Acting Chairman, Operating Committee
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-2340 (Uranium)
Robert Ozias Miller
Uranium Prospect
Lolo National Forest
Near Ovando, Montana

Dear Mr. Selfridge:

This is in reply to your letter of August 18 on the subject docket. Inasmuch as Mr. Miller has never submitted the data which was requested of him by both this office and your office and inasmuch as your last letter was returned to him and marked address unknown it is recommended that the application be considered as denied.

Sincerely yours,

A. E. Weissenborn, T.H.K.
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

August 22, 1952

Mr. George C. Selfridge
Acting Chairman, Operating Committee
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-2340 (Uranium)
Robert Ozias Miller
Uranium Prospect
Lolo National Forest
Near Ovando, Montana

Dear Mr. Selfridge:

This is in reply to your letter of August 13 on the subject docket. Inasmuch as Mr. Miller has never submitted the data which was requested of him by both this office and your office and inasmuch as your last letter was returned to him and marked address unknown it is recommended that the application be considered as denied.

Sincerely yours,

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

cc: USBM (2)

FILE COPY
SURNAME:

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

AUG 18 1952

Mr. [illegible] [illegible]
Executive Officer, Region II
[illegible] Field Team
[illegible] 157 [illegible] [illegible]
[illegible], Washington

Re: Docket No. [illegible]-23[illegible] ([illegible])
Robert [illegible] [illegible]
[illegible]
[illegible] National Forest
[illegible], [illegible]

Dear [illegible]r. [illegible]:

[illegible] is made to our letter dated [illegible] 3, 1952, [illegible] to [illegible] the [illegible] [illegible], [illegible]. [illegible] letter [illegible] returned by the Post Office, [illegible] forwarded [illegible].

[illegible] letter [illegible]r. [illegible] dated [illegible] 17 [illegible] further letter to [illegible] under date of [illegible] 5, [illegible] which are required [illegible] application [illegible].

[illegible] r. [illegible] [illegible] [illegible] [illegible] office [illegible] [illegible] this application.

[illegible],

S. C. Selfridge (HB) 8/18/52

ACTING [illegible]hairman, [illegible] Committee

C. H. Johnson (HB)
[illegible]ber, [illegible]

D. M. Johnson (HB)
Member, Geological Survey

[illegible]eller/je[illegible] 8/18/52
cc to: [illegible]. Reading File
Docket
[illegible] [illegible].[illegible]eiser-[illegible]
[illegible].[illegible]-3206
[illegible] Schmidt
Opr. Com.
Field Team, Region II

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

OFFICIAL BUSINESS

No Forwarding Address

WASHINGTON, D.C. 2
JUL 31
1030PM
195292

PENALTY FOR PRIVATE USE TO AVOID
PAYMENT OF POSTAGE, $300
(PMGC)

Mr. Robert Ozias Miller
~~300 Evans Avenue~~
Missoula, Montana

RETURN TO SENDER
REASON CHECKED:
Unclaimed
Unknown
Refused
For better address
Moved, left no address
No such office in state

not at
no record
013

SOULA MONTANA
AUG 6 1952
3 PM
Remember - Only you can
PREVENT
FOREST FIRES

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

JUL 31 1952

Mr. Robert Ozias Miller
300 Evans Avenue
Missoula, Montana

Re: Docket No. DMEA-2340 (Uranium)
Uranium Prospect, Lolo National Forest
Near Ovando, Montana

Dear Mr. Miller:

Reference is made to your application dated December 27, 1951, for a $25,350.00 exploration contract, and our letter to you of March 5, 1952, which requested certain data which would enable this Agency to process your application.

Since no reply has been received from you, we assume that you no longer desire to proceed with the application. We wish to cooperate with you in the matter of allowing ample time, but if the needed data has not been received by August 30, 1952, we will then consider the docket closed.

Sincerely yours,

Ernest Wm. Ellis

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

FILE COPY
SURNAME:
700

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

Mr. Robert Dale Miller
300 Evans Avenue
Missoula, Montana

Re: Docket No. DMEA-2340 (Uranium)
Uranium Prospect, Lolo National Forest
Bear Ovando, Montana

Dear Mr. Miller:

Reference is made to your application dated December 27, 1951, for a $25,350.00 exploration contract, and our letter to you of March 5, 1952, which requested certain data which would enable this Agency to process your application.

Since no reply has been received from you, we assume that you no longer desire to proceed with the application. We wish to cooperate with you in the matter of allowing ample time, but if the needed data has not been received by August 30, 1952, we will then consider the docket closed.

Sincerely yours,

SIGNED

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

cc 7/31/52

HFKeller/jem
7/30/52
cc to: Adm. Reading File
Docket
Messrs. H.D.Keiser-1347
A.P.Butler-3206 GSA
Ellis Keller
Field Team, Region II (2)

FILE COPY
SURNAME:
700

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

AIR MAIL

MAR 5 1952

Mr. Robert Osias Miller
300 Evans Avenue
Missoula, Montana

Re: Docket No. DMEA-2340 (Uranium)
Uranium Prospect, Lolo National Forest
Near Ovando, Montana

Dear Mr. Miller:

The subject application has been carefully studied by the engineers of the Defense Minerals Exploration Administration who concur with the opinion of the Executive Officer, DMEA, Field Team, Region II as expressed in his letter of January 22, 1952, which was directed to you.

In addition to the information that we shall obtain from the samples that were requested in the above mentioned letter we would appreciate it if you could furnish us with the following information:

1. Ownership and name of mining claims covering the ore deposit to be explored.

2. A sketch, or map, showing the location, width and strike of the vein material in relation to the mining claims and topographical features, and on which should also be located the proposed trenches and diamond drill holes that would be the basis of the exploration project.

3. A description of the vein material and country rock. Samples of the country rock on each side of the vein material might also be sent with a sample of the vein material, to the Executive Officer of Region II.

4. Any additional information that you might have concerning the mineralization and geological features of the ore zone and district.

We realize that because of the heavy snow you will be unable to furnish us with this additional information until late spring. On receipt of this information we shall be pleased to continue processing your application.

HFKeller/jem 3/4/52
cc to: Adm. Reading File
Docket
Messrs. Kauffman, Aj. 1347
Butler, AP. 320608
Ellis
Keller
Field Team, Reg. II (2)

Sincerely yours,

SIGNED

E. L. 3/5/52

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

STANDARD FORM NO. 64

2/29/52 glm

Office Memorandum • UNITED STATES GOVERNMENT

TO : Ernest Wm. Ellis
DMEA Uranium Commodity Committee Member

DATE: February 28, 1952

FROM : Arthur P. Butler, Jr.
USGS Uranium Commodity Committee Member

SUBJECT: DMEA docket 2340, Robert Ozias Miller, T 15 N., R 11 W
Powell County, Montana

We have no record in the Survey uranium files on any find in the area where exploration is proposed by the applicant. He should be requested to submit a map or maps showing the specific location of the deposit and if possible its probable size and also samples that would give some idea of whether or not uranium or thorium minerals are present and in what amounts. No decision can be reached with respect to the application until such information is forthcoming. The application is returned herewith.

Arthur P. Butler, Jr.

Arthur P. Butler, Jr.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 29 1952

February 28, 1952

Ernest Wm. Ellis
DMEA Uranium Commodity Committee Member
Arthur P. Butler, Jr.
USGS Uranium Commodity Committee Member
DMEA docket 2349, Robert Onias Miller, T 15 N., R 11 W
Powell County, Montana

We have no record in the Survey uranium files on any find in the area where exploration is proposed by the applicant. He should be requested to submit a map or maps showing the specific location of the deposit and if possible its probable size and also samples that would give some idea of whether or not uranium or thorium minerals are present and in what amounts. No decision can be reached with respect to the application until such information is forthcoming. The application is returned herewith.

Arthur P. Butler, Jr.

DMEA-2340

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

So. 157 Howard Street
Spokane 4, Washington

RECEIVED
JAN 24 1952
T...
GPB

January 15, 1952

Mr. C. O. Mittendorf
Chairman, Operating Committee
Defense Minerals Exploration Administration
Washington 25, D. C.

Dear Mr. Mittendorf:

Enclosed herewith are three copies of an application for aid on an exploration project for thorium and uranium as submitted by Robert O. Miller, 300 Evans Avenue, Missoula, Montana.

The proposal as submitted is inadequate to be sure, and on this basis alone the application could be denied. We believe that insofar as this application is for uranium from a virgin area in regards to past reports of uranium, more information concerning this occurrence should be obtained.

We are requesting Mr. Miller to send us either a sample or assays of samples of his ore so that we will have some evidence as to its grade. One copy of the application is being retained in this office and, if the added information as requested from the applicant is promising, a field examination of the property by DMEA personnel will be made.

Yours very truly,

Willard F. Puffett
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Enclosures
cc: USBM, Spokane

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C.

MF-103 Should Be Filed With General Technical Data Form MF-100

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

JAN 27 8 12 PM '52

Not To Be Filled in by Applicant

Docket No. .....
Metal or Mineral .....
Date Received .....
Amount $.....
Participation (Government %) .....

Robert Ozias Miller,
300 Evans Avenue,
Missoula, Montana,
U. S. A.

Name and address of applicant

Date December 27, 1951

If you have already filed MF-100, give date filed None., type of assistance requested Myself to date.

DMA Docket Number (if available) None.

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four copies each, of the signed application form, General Technical Data Form MF-100, and answers to questions as specified, to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive office thereof, with your name and address on each sheet of the application and all accompanying papers. If you have previously filed MF-100, it is not necessary to file it again. However, you should indicate in space provided above the type of assistance previously applied for (loans, procurement contracts, etc.) and DMA Docket Number, if available. *When a question is inapplicable it should be so stated in the form.* Additional sheets should be attached in answering any questions or in supplying additional information. IF YOU CANNOT ANSWER A QUESTION, SO STATE.

1. (*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. Located in the LoLo National Forest, Seeley Lake Ranger District, Range #11W; Township # 15 North. Powell County

(*b*) If you are not the owner of the property, submit a copy of the lease, purchase option, or other agreements under which you are authorized to operate the property with each copy of your application.

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

Minerva Minerals, LoLo National Forest, Seeley Lake Ranger District.

NOTE: (1) 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 (*c*) 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.

Same.

(2) If applicant is not the owner of the property or if there are any liens or encumbrances against the property, copy of agreements of claimants, lienors, encumbrances, and lessors subordinating their interests in the property to the interest of the Government under the Exploration Project Contract will be required for attachment to the Contract.

2. (*a*) What metals or minerals do you expect to find? Thorium & Uranium already located with "GEIGER COUNTER".

(*b*) Furnish statement of the geologic features of your property, giving type of ore deposit and reasons for expecting to find commercial ore bodies. Illustrate with maps or sketches. If you have a geologic or engineering report, or assay maps showing width and grade, please send them with application, stating whether or not you wish to have them returned.

The information requested in questions 3, 4, 5, 6, 7, 8, and 9 below should be answered specifically and in detail, as this information will be attached to and incorporated as part of the Exploration Project Contract, if such contract is entered into with you by the Government.

ANSWER EACH QUESTION ON SEPARATE SHEETS OF PAPER AND SUBMIT A COPY OF EACH ANSWER FOR EACH COPY OF YOUR APPLICATION.

3. (*a*) Describe fully the proposed work and give the total cost of the project. See attached page #3 (a)

   (*b*) State the time required to start the project and to complete it. See attached page #3 (b)

4. Submit a map or sketch of the property involved showing a plan (and cross section, if needed) of the present mine workings and the *location of the proposed exploration work* as related to geologic features, such as contacts, veins, ore-bearing beds, etc.
   US National Forest Service Map, US Department of Agriculture attached.

5. Furnish an itemized list of existing facilities, buildings, installations, and fixtures with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition. Only primitave forest. Water, standing timber for lumber and fuel.

6. Furnish a detailed list of additional facilities, buildings, and fixtures to be purchased, installed, or erected by you, with the estimated cost of each item. Tents at first. Stoves, snowshoes, necessary small tools, cooking equiptment, food, gasoline lights and fuel for same. See attached list.

7. Furnish a detailed list of operating equipment, separated into items to be—

   (*a*) Rented As occasion requires, and then only needed items.

   (*b*) Purchased As occasion requires, and then only needed items.

   (*c*) Furnished by you Bull-dozer, Deisel air-compressor, diamond drills, air-hose with needed tools to maintain such equiptment & keep items in repair.

   with the rental, purchase price, or depreciation of each item, as the case may be, to be charged as a cost of the project.
   See attached list itemized.

8. Furnish an itemized schedule of labor, by numbers and classes (miners, muckers, etc.) and of supervisors by numbers and positions, with the maximum wages or salaries to be paid to each. See attached itemized list.

9. Furnish a detailed list with estimated cost of each item for materials, supplies, engineering, assaying, accounting, power, water, utilities, and any other items not provided for above. See attached itemized list.

10. (*a*) How much are you prepared to invest in the proposed project? Already invested cash and time. Expect to continue to full ability.

    (*b*) Is this amount sufficient to pay your part of the cost of the project, in accordance with the regulations on Government participation (Sec. 9 of MO–5)? More. A vital defense minerals program.

11. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.
    See attached statement.

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.

MINERVA MINERALS
(Name of company)

By Robert Ozias Miller
(Signature of authorized official)

December 27, 1951
(Date)

OWNER
(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.

U. S. GOVERNMENT PRINTING OFFICE 16—64067-2

This discovered body of thorium and uranium ore is located in the LoLo National Forest, Seeley Lake Ranger District at the end of a US Forest Service road connecting to a pack-trail leading to the North Fork US Forest Service Ranger's Station situate near the North Fork of the Blackfoot River.

The town of Ovando, Montana is some seventeen (17) miles Southwest of this discovery of thorium and uranium ore.

We purpose to strip, trench, drill to ascertain extent of ore. Erect the needed buildings to house the men working there, and such equiptment as needs shelter.

The last five (5) miles of Forest Service road needs work done to make it possible for such equiptment as is needed to be brought in to the site of discovery. There are three (3) irrigation ditches of about eleven (11) feet in width, and the depth varies according to water flow that must be bridged. There are three bridges spanning irrigation ditches that must be strengthened or re-built. Heavy and light timber must be cut to allow passage of equiptment. Gates that now exist must be replaced by "cattle-guards". There are seven (7) gates to be replaced by "cattle-guards".

Costs are ESTIMATED, not FINAL for no man can fortell the exact cost of projected work in these days of unsettled costs.

Repair of bridges is ESTIMATED at	$5500.00
New bridges are ESTIMATED at	$7750. 00
Timber removal is ESTIMATED AT	$3000.00
Road repair is ESTIMATED at	$$1500.00
Camp buildings and tents ESTIMATED	$1100.00
Actual work on ore body ESTIMATED	$7500.00
	$25350.00

Snows lie over six feet deep on the ground. Temperatures range to as low as -46o F on the South bank of the Blackfoot river. Drifting snows and "anchor-ice in the streams make transportation with even four-wheeled vehicles hazardorous.

The discovery pit and ore body of radio-active metals lie about seventeen miles from the little town of Ovando, Montana. Fuel,gasoline and kerosene and limited food supplies can be obtained at Ovando, Montana.

I would advise that work be started as soon as weather conditions warrant, about March 17th, 1952. This lies with the Defense Minerals Administration as to time of operations.

Estimated time to start project and CONTINUE operations rests with the weather conditions.

A level camp site is near the ore body. Plenty of pure water is near at hand.

Stripping and drilling and trenching to ascertain the extent of the ore body should be accomplished in six months.

COPY

	No buildings on or near property.
25.00	One ten (10) man FIRST AID KIT.
200.00	Three (3) tents.
75.00	Snowshoes, three (3) pair.
450.00	Power saw (gasoline).
250.00	Geiger Counter.
175.00	Stoves (cooking & heating).
300.00	Small tools (carpenter, pipe, machinist),
500.00	Buildings (Built from lumber cut on spot)
135.50	Typewriter.
95.50	Miscelanous small tools.
$2205.50	

The FIRST AID KIT is essential.

The three (3) tents are essential; one cook tent, one tent pyramid (sleeping), one tent "A" type.

The "GEIGER COUNTER" is essential.

Power saw (gasoline) is essential, to fell timber.

Small tools (carpenter, pipe, electrical, machinist, axes, sledges, wedges, and plumbing) that no one be compelled to drive some sixty (60) miles for repairs on vital items.

Snowshoes are essential, needed for reconnaisance work.

Fuel tank and fuel pump are essential.

Water supply adequate. Small dam and pipe line, gravity flow

Office building is essential, engineer & supervisor.

Shed to house bull-dozer, air-compressor and equiptment is essential.

Dynamite hut is essential.

Wood for fuel (cooking & heating) on property.

Timber removed from roadway and on property can be sawed to lumber for buildings.

$10,000.00	One D-6 Tractor with dozer complete.
$ 91.50	One Diamond drill complete with 600 feet AX rods.
$ 3,000.00	One Diesel powered air-compressor (Goodnow Denner) with 145 CFM "V"belt attached to Caterpillar D311 engine.
$13,091.50	

This "D-6" Tractor with dozer complete, the Diesel powered air-compressor (Goodnow Denner) with 145 "V"-belt attached to Caterpillar D3 engine, the Diamond drill complete with 600 feet AX rods, and such small tools as belong to the above named equiptment are to be obtained from Roy W. Key, M. D., 511 Evans Avenue (res), Missoula, Montana. This conserves very scarce and vital equiptment hard to obtain even were priority ordered. AFTER aforesaid equiptment is delivered by the aforesaid Roy.W. Key, M. D. he will become a part owner in this property.

Government allows one-sixtieth (1/60) of reasonable depreciation per month on aforesaid equiptment.

COPY

$675.00	per month	Mining engineer & geologist.
$455.00	per month	Supervisor.
$ 2.00	per hour	Miner, operator, two (2).
$ 1.47½	per hour	Miner's helper, two (2).
$250.00	per month	Accountant & time keeper.
$ 75.00	per week	Cook.

The same wages as are paid for similar work will prevail. Contract for mining and diamond drill work.

It must be distinctly understood that circumstances and conditions govern labor and its output but every thing will be expedited to PRODUCE results efficiently.

At first, the cook may not seem essential BUT good food properly prepared is ESSENTIAL for loyal labor and vital to maintain health and strength.

The accountant & timekeeper will come in only after need arises.

There will be no "featherbedding" nor "mink-coats" nor "micro-film in pumpkins" on this PRODUCTION.

Assaying by Government Assay Office, Grand Junction, Colorado.

$5000.00 Jack-hammer, rock-bits, dynamite, etc., will include wrenches needed.

Power to be obtained from Diesel tractor until conditions warrant further extension of operations.

$2000.00 Sampling.

The items listed in attached sheets provide a basic information of vital needs.

Should conditions arise later to warrant a change of schedule, that will be taken care of in due time.

This body of radio-active ore containing thorium and uranium was discovered by Robert Ozias Miller in August 1951, while working in the LoLo National Forest, Seeley Lake Ranger District. I, the aforesaid Robert Ozias Miller spent my spare time scouting with my "GEIGER COUNTER" on evenings and holidays and week-ends.

This "discovery" lies within the US LoLo Forest area some sixty-seven (67) miles Northeast of Missoula, Montana.

The nearest town is Ovando, Montana, some seventeen (17) miles Southwest. Ovando has two (2) general stores, two (2) gasoline pumps, two (2) saloons and lies on a gravelled road.

There is a logging railroad to "Blanchard Flats" where the Anaconda Copper Co., loads its logs to ship to Bonner or other destinations.

A ore-loading ramp could be built at this point to save trucking to Missoula, Montana.

Good water is available in quantity near the site of this "discovery".

The Blackfoot river lies Northwest some three quarters (¾) of a mile. When conditions warrant, a hydro-electric power plant can be built on this stream.

The nearest habitation is the "Marsden Ranch" on the South bank of the Blackfoot river, and this ranch is about five (5) miles away.

Food supplies and ALL items must come from the nearest market place, Missoula, Montana.

The roads as far as Ovando, Montana are excellent.

Irrigation ditches must be bridged and such bridge as exist must be rebuilt. Gates to pasture lands must be replaced by "cattle-guards" to save time and expedite work.

1/29/52 gla

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

So. 157 Howard Street
Spokane 4, Washington

January 22, 1952

DMEA-2340

Mr. Robert Ozias Miller
300 Evans Avenue
Missoula, Montana

Dear Mr. Miller:

This will acknowledge receipt of your letter of January 17 referring to an application which you have submitted for exploring a uranium deposit in the Seeley Lake Ranger district, LoLo National Forest, Montana.

Inasmuch as you state that you do not have available any more samples of ore from the discovery, I suggest that you defer further action until spring when you can conveniently visit the deposit and obtain other specimens. We would like to have you submit specimens as a preliminary step so that we can test them here, but approval of an exploration contract would undoubtedly require a field examination. Furthermore, obviously no work can be done on the deposit until the snow is gone. However, I feel that no time would be lost if action were deferred until the area again becomes readily accessible in the spring.

Sincerely yours,

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 28 1952

cc: USBM, Spokane
Operating Committee, DMEA, Washington

TPT

Reviewed by
DMEA OPERATING COMMITTEE

1-30-52
(date) RL

EXPLORATION

Subject: DMEA-2340
Re: Exploration Loan
Minerva Minerals
January 23, 1952

Mr. Robert Ozias Miller
300 Evans Avenue
Missoula, Montana

My dear Mr. Miller:

This will acknowledge receipt of your application dated December 27, 1951 for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMEA-2340 and referred to the Rare & Miscellaneous Metals Division.

Kindly refer to DMEA-2340 in any future correspondence relating to your application.

Sincerely yours,

ROBERT E. ADAMS

Robert E. Adams
Acting Administrative Officer

7862

DEFENSE MINERALS ADMINISTRATION
WASHINGTON, D. C.
JAN 21 8 32 PM '52

DMEA-2340

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

January 15, 1952

Mr. C. O. Mittendorf
Chairman, Operating Committee
Defense Minerals Exploration Administration
Washington 25, D. C.

Dear Mr. Mittendorf:

Enclosed herewith are three copies of an application for aid on an exploration project for thorium and uranium as submitted by Robert O. Miller, 300 Evans Avenue, Missoula, Montana.

The proposal as submitted is inadequate to be sure, and on this basis alone the application could be denied. We believe that insofar as this application is for uranium from a virgin area in regards to past reports of uranium, more information concerning this occurrence should be obtained.

We are requesting Mr. Miller to send us either a sample or assays of samples of his ore so that we will have some evidence as to its grade. One copy of the application is being retained in this office and, if the added information as requested from the applicant is promising, a field examination of the property by DMEA personnel will be made.

Yours very truly,

Willard P. Puffett

Willard P. Puffett
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Enclosures
cc: USBM, Spokane

DMEA-2340

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

So. 157 Howard Street
Spokane 4, Washington

January 15, 1952

Mr. C. O. Mittendorf
Chairman, Operating Committee
Defense Minerals Exploration Administration
Washington 25, D. C.

Dear Mr. Mittendorf:

Enclosed herewith are three copies of an application for aid on an exploration project for thorium and uranium as submitted by Robert O. Miller, 500 Evans Avenue, Missoula, Montana.

The proposal as submitted is inadequate to be sure, and on this basis alone the application could be denied. We believe that insofar as this application is for uranium from a virgin area in regards to past reports of uranium, more information concerning this occurrence should be obtained.

We are requesting Mr. Miller to send us either a sample or assays of samples of his ore so that we will have some evidence as to its grade. One copy of the application is being retained in this office and, if the added information as requested from the applicant is promising, a field examination of the property by DMEA personnel will be made.

Yours very truly,

Willard P. Puffett
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Enclosures
cc: USBM, Spokane

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

MF-103 Should Be Filed With General Technical Data Form MF-100

DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.
JAN 21 8 12 PM '52

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

Not To Be Filled in by Applicant

Docket No. DMEA-2340
Metal or Mineral
Date Received 1-21-52
Amount $
Participation (Government %)

Robert Ozias Miller,
300 Evans Avenue,
Missoula, Montana,
U. S. A.

Name and address of applicant

Date December 27, 1951

If you have already filed MF-100, give date filed None., type of assistance requested Myself to date.

DMA Docket Number (if available) None.

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four copies each, of the signed application form, General Technical Data Form MF-100, and answers to questions, as specified, to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive office thereof, with your name and address on each sheet of the application and all accompanying papers. If you have previously filed MF-100, it is not necessary to file it again. However, you should indicate in space provided above the type of assistance previously applied for (loans, procurement contracts, etc.) and DMA Docket Number, if available. *When a question is inapplicable it should be so stated in the form.* Additional sheets should be attached in answering any questions or in supplying additional information. IF YOU CANNOT ANSWER A QUESTION, SO STATE.

1. (*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. Located in the LoLo National Forest, Seeley Lake Ranger District, Range #11W; Township # 15 North.

   (*b*) If you are not the owner of the property, submit a copy of the lease, purchase option, or other agreements under which you are authorized to operate the property with each copy of your application.

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

   Minerva Minerals, LoLo National Forest, Seeley Lake Ranger District.

   NOTE: (1) 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 (*c*) 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. Same.

   (2) If applicant is not the owner of the property or if there are any liens or encumbrances against the property, copy of agreements of claimants, lienors, encumbrances, and lessors subordinating their interests in the property to the interest of the Government under the Exploration Project Contract will be required for attachment to the Contract.

2. (*a*) What metals or minerals do you expect to find? Thorium & Uranium already located with "GEIGER COUNTER"

   (*b*) Furnish statement of the geologic features of your property, giving type of ore deposit and reasons for expecting to find commercial ore bodies. Illustrate with maps or sketches. If you have a geologic or engineering report, or assay maps showing width and grade, please send them with application, stating whether or not you wish to have them returned.

The information requested in questions 3, 4, 5, 6, 7, 8, and 9 below should be answered specifically and in detail, as this information will be attached to and incorporated as part of the Exploration Project Contract, if such contract is entered into with you by the Government.

ANSWER EACH QUESTION ON SEPARATE SHEETS OF PAPER AND SUBMIT A COPY OF EACH ANSWER FOR EACH COPY OF YOUR APPLICATION.

3. (*a*) Describe fully the proposed work and give the total cost of the project. See attached page #3 (a)

   (*b*) State the time required to start the project and to complete it. See attached page #3 (b)

4. Submit a map or sketch of the property involved showing a plan (and cross section, if needed) of the present mine workings and the *location of the proposed exploration work* as related to geologic features, such as contacts, veins, ore-bearing beds, etc. US National Forest Service Map, US Department of Agriculture attached.

5. Furnish an itemized list of existing facilities, buildings, installations, and fixtures with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition. Only primitave forest. Water, standing timber for lumber and fuel.

6. Furnish a detailed list of additional facilities, buildings, and fixtures to be purchased, installed, or erected by you, with the estimated cost of each item. Tents at first. Stoves, snowshoes, necessary small tools, cooking equiptment, food, gasoline lights and fuel for same. See attached list.

7. Furnish a detailed list of operating equipment, separated into items to be—

   (*a*) Rented As occasion requires, and then only needed items.

   (*b*) Purchased As occasion requires, and then only needed items.

   (*c*) Furnished by you Bull-dozer, Deisel air-compressor, diamond drills, air-hose with needed tools to maintain such equiptment & keep items in repair.

   with the rental, purchase price, or depreciation of each item, as the case may be, to be charged as a cost of the project.

   See attached list itemized.

8. Furnish an itemized schedule of labor, by numbers and classes (miners, muckers, etc.) and of supervisors by numbers and positions, with the maximum wages or salaries to be paid to each. See attached itemized list.

9. Furnish a detailed list with estimated cost of each item for materials, supplies, engineering, assaying, accounting, power, water, utilities, and any other items not provided for above. See attached itemized list.

10. (*a*) How much are you prepared to invest in the proposed project? Already invested cash and time. Expect to continue to full ability.

    (*b*) Is this amount sufficient to pay your part of the cost of the project, in accordance with the regulations on Government participation (Sec. 9 of MO-5)? More. A vital defense minerals program.

11. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions. See attached statement.

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.

MINERVA MINERALS
(Name of company)

By Robert Ozias Miller
(Signature of authorized official)

December 27, 1951
(Date)

OWNER
(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.

U. S. GOVERNMENT PRINTING OFFICE 16—64067-2

MONTANA STATE UNIVERSITY
Missoula, Montana,
U. S. A.

5:15 AM

January 2nd, 1952

Wade V. Lewis, Esq.,
Boulder, Montana,
U. S. A.

Dear Sir: On Sunday, November 11, 1951, I drove over to your home in Boulder, Montana. I took with me, a fellow student and a friend, Taino K ------- as a witness.

On that day and date, I delivered to you a sample of several pieces of radio-active ore taken from my discovery of radio-active ore in a massive body in the LoLo National Forest, Seeley Lake Ranger District.

I asked you to test that ore for contents with your "GEIGER COUNTER". This you did. You promised to send that ore to the Chicago laboratories of the Atomic Energy Commission.

Enroute to the Veterans Administration hospital, at Fort Harrison, Montana: December 4th, 1951, I again called at your home. You were "BUSY" with other matters. Your wife strove in vain to find that radio-active ore I left with you.

NOW, please send Roy W. Key, M. D. such samples of my ore as remain in your posession.

It is my purpose to PRODUCE results, not PROMOTE a fictitous scheme of raising cash to SQUANDER.

This body of radio-active ore was discovered by me, and I for one, do not purpose to let PROMOTERS sneak in and grab.

Sincerely, just
Robert Ozias Miller
Robert Ozias Miller,
300 Evans Avenue,
Missoula, Montana,
U. S. A.

COPY

MONTANA STATE UNIVERSITY
Missoula, Montana,
U. S. A.

5:57 AM

January 3rd, 1952

United States Bureau Of Mines,
1201 North Division Street,
Spokane, Washington,
U. S. A.

Attention of

Messers. Reed, Reno, Erickson.

Gentlemen: The US Department of the Interior, Defense Minerals Administration FORMS MF - 103 are filled out and hereby submitted.

The US Department of the Interior, Defense Minerals Administration FORMS MF - 100 are filled out and hereby submitted.

There has been some delay in striving to obtain samples left with Wade V. Lewis for assay. A copy of my letter to aforesaid Wade V. Lewis is hereby attached.

The bull-dozer, Deisel air-compressor, diamond drills air-hose, and a part of NEEDED tools to maintain and keep in repair are to be obtained from Roy W. Key, M. D. , 511 Evans Avenue,(res.) Missoula, Montana. This will utilized VERY scarce equiptment and such equiptment even if priority were obtained is out of market.

AFTER aforesaid equiptment is delivered by the aforesaid Roy W. Key, M. D., he will become a part owner in this property.

Should further information be desired kindly let me hear from you via telephone (Missoula, Montana 6455) or by mail.

Sincerely, just
Robert Ozias Miller

Robert Ozias Miller,
300 Evans Avenue,
Missoula, Montana,
U. S. A.

This discovered body of thorium and uranium ore is located in the LoLo National Forest, Seeley Lake Ranger District at the end of a US Forest Service road connecting to a pack-trail leading to the North Fork US Forest Service Ranger's Station situate near the North Fork of the Blackfoot River.

The town of Ovando, Montana is some seventeen (17) miles Southwest of this discovery of thorium and uranium ore.

We purpose to strip, trench, drill to ascertain extent of ore. Erect the needed buildings to house the men working there, and such equiptment as needs shelter.

The last five (5) miles of Forest Service road needs work done to make it possible for such equiptment as is needed to be brought in to the site of discovery. There are three (3) irrigation ditches of about eleven (11) feet in width, and the depth varies according to water flow that must be bridged. There are three bridges spanning irrigation ditches that must be strengthened or re-built. Heavy and light timber must be cut to allow passage of equiptment. Gates that now exist must be replaced by "cattle-guards". There are seven (7) gates to be replaced by "cattle-guards".

Costs are ESTIMATED, not FINAL for no man can fortell the exact cost of projected work in thesedays of unsettled costs.

Repair of bridges is ESTIMATED at	$5500.00
New bridges are ESTIMATED at	$7750. 00
Timber removal is ESTIMATED AT	$3000.00
Road repair is ESTIMATED at	$1500.00
Camp buildings and tents ESTIMATED	$1100.00
Actual work on ore body ESTIMATED	$7500.00
	$25350.00

Snows lie over six feet deep on the ground. Temperatures range to as low as -46o F on the South bank of the Blackfoot river. Drifting snows and "anchor-ice in the streams make transportation with even four-wheeled vehicles hazardorous.

The discovery pit and ore body of radio-active metals lie about seventeen miles from the little town of Ovando, Montana. Fuel,gasoline and kerosene and limited food supplies can be obtained at Ovando, Montana.

I would advise that work be started as soon as weather conditions warrant, about March 17th, 1952. This lies with the Defense Minerals Administration as to time of operations.

Estimated time to start project and CONTINUE operations rests with the weather conditions.

A level camp site is near the ore body. Plenty of pure water is near at hand.

Stripping and drilling and trenching to ascrertain the extent of the ore body should be accomplished in six months.

	No buildings on or near property.
25.00	One ten (10) man FIRST AID KIT.
200.00	Three (3) tents.
75.00	Snowshoes, three (3) pair.
450.00	Power saw (gasoline).
250.00	Geiger Counter.
175.00	Stoves (cooking & heating).
300.00	Small tools (carpenter, pipe, machinist).
500.00	Buildings (Built from lumber cut on spot)
135.50	Typewriter.
95.50	Miscelanous small tools.
$2205.50	

The FIRST AID KIT is essential.

The three (3) tents are essential; one cook tent, one tent pyramid (sleeping), one tent "A" type.

The "GEIGER COUNTER" is essential.

Power saw (gasoline) is essential, to fell timber.

Small tools (carpenter, pipe, electrical, machinist, axes, sledges, wedges, and plumbing)that no one be compelled to drive some sixty (60) miles for repairs on vital items.

Snowshoes are essential, needed for reconnaisance work.

Fuel tank and fuel pump are essential.

Water supply adequate. Small dam and pipe line, gravity flow.

Office building is essential, engineer & supervisor.

Shed to house bull-dozer, air-compressor and equiptment is essential.

Dynamite hut is essential.

Wood for fuel (cooking & heating) on property.

Timber removed from roadway and on property can be sawed to lumber for buildings.

$10,000.00	One D-6 Tractor with dozer complete.
$ 91.50	One Diamond drill complete with 600 feet AX rods.
$ 3,000.00	One Diesel powered air-compressor (Goodnow Denner) with 145 CFM "V" belt attached to Caterpillar D311 engine.
$13,091.50	

This "D-6" Tractor with dozer complete, the Diesel powered air-compressor (Goodnow Denner) with 145 "V"-belt attached to Caterpillar D3 engine, the Diamond drill complete with 600 feet AX rods, and such small tools as belong to the above named equiptment are to be obtained from Roy W. Key, M. D., 511 Evans Avenue (res), Missoula, Montana. This conserves very scarce and vital equiptment hard to obtain even were priority ordered. AFTER aforesaid equiptment is delivered by the aforesaid Roy.W. Key, M. D., he will become a part owner in this property.

Government allows one-sixtieth (1/60) of reasonable depreciation per month on aforesaid equiptment.

$675.00	per month	Mining engineer & geologist.
$455.00	per month	Supervisor,
$ 2.00	per hour	Miner, operator, two (2).
$ 1.47½	per hour	Miner's helper, two (2).
$250.00	per month	Accountant & time keeper.
$ 75.00	per week	Cook.

The same wages as are paid for similar work will prevail. Contract for mining and diamond drill work.

It must be distinctly understood that circumstances and conditions govern labor and its output but every thing will be expedited to PRODUCE results efficiently.

At first, the cook may not seem essential BUT good food properly prepared is ESSENTIAL for loyal labor and vital to maintain health and strength.

The accountant & timekeeper will come in only after need arises.

There will be no "featherbedding" nor "mink-coats" nor "micro-film in pumpkins" on this PRODUCTION.

Assaying by Government Assay Office, Grand Junction, Colorado.

$5000.00 Jack-hammer, rock-bits, dynamite, etc., will include wrenches needed.

Power to be obtained from Diesel tractor until conditions warrant further extension of operations.

$2000.00 Sampling.

The items listed in attached sheets provide a basic information of vital needs.

Should conditions arise later to warrant a change of schedule, that will bectaken care of in due time.

This body of radio-active ore containing thorium and uranium was discovered by Robert Ozias Miller in August 1951, while working in the LoLo National Forest, Seeley Lake Ranger District. I, the aforesaid Robert Ozias Miller spent my spare time scouting with my "GEIGER COUNTER" on evenings and holidays and week-ends.

This "discovery" lies within the US LoLo Forest area some sixty-seven (67) miles Northeast of Missoula, Montana.

The nearest town is Ovando, Montana, some seventeen (17) miles Southwest. Ovando has two (2) general stores, two (2) gasoline pumps, two (2) saloons and lies on a gravelled road.

There is a logging railroad to "Blanchard Flats" where the Anaconda Copper Co., loads its logs to ship to Bonner or other destinations.

A ore-loading ramp could be built at this point to save trucking to Missoula, Montana.

Good water is available in quantity near the site of this "discovery".

The Blackfoot river lies Northwest some three quarters (¾) of a mile. When conditions warrant, a hydro-electric power plant can be built on this stream.

The nearest habitation is the "Marsden Ranch" on the South bank of the Blackfoot river, and this ranch is about five (5) miles away.

Food supplies and ALL items must come from the nearest market place, Missoula, Montana.

The roads as far as Ovando, Montana are excellent.

Irrigation ditches must be bridged and such bridges as exist must be rebuilt. Gates to pasture lands must be replaced by "cattle-guards" to save time and expedite work.

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

DEFENSE MINERALS ADMINISTRATION WASHINGTON

MF-103 Should Be Filed With General Technical Data Form MF-100

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

JAN 21 8 12 PM '52

Not To Be Filled in by Applicant

Docket No. ____
Metal or Mineral ____
Date Received ____
Amount $____
Participation (Government %) ____

Robert Ozias Miller,
300 Evans Avenue,
Missoula, Montana,
U. S. A.

Name and address of applicant

Date December 27, 1951

If you have already filed MF-100, give date filed None., type of assistance requested Myself to date.,

DMA Docket Number (if available) None.

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four copies each, of the signed application form, General Technical Data Form MF-100, and answers to questions, as specified, to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive office thereof, with your name and address on each sheet of the application and all accompanying papers. If you have previously filed MF-100, it is not necessary to file it again. However, you should indicate in space provided above the type of assistance previously applied for (loans, procurement contracts, etc.) and DMA Docket Number, if available. *When a question is inapplicable it should be so stated in the form.* Additional sheets should be attached in answering any questions or in supplying additional information. IF YOU CANNOT ANSWER A QUESTION, SO STATE.

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   NOTE: (1) 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 (*c*) 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. Same.

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2. (*a*) What metals or minerals do you expect to find? Thorium & Uranium already located with "GEIGER COUNTER".

   (*b*) Furnish statement of the geologic features of your property, giving type of ore deposit and reasons for expecting to find commercial ore bodies. Illustrate with maps or sketches. If you have a geologic or engineering report, or assay maps showing width and grade, please send them with application, stating whether or not you wish to have them returned.

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ANSWER EACH QUESTION ON SEPARATE SHEETS OF PAPER AND SUBMIT A COPY OF EACH ANSWER FOR EACH COPY OF YOUR APPLICATION.

3. (*a*) Describe fully the proposed work and give the total cost of the project. See attached page #3 (a)

   (*b*) State the time required to start the project and to complete it. See attached page #3 (b)

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5. Furnish an itemized list of existing facilities, buildings, installations, and fixtures with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition. Only primitave forest. Water, standing timber for lumber and fuel.

6. Furnish a detailed list of additional facilities, buildings, and fixtures to be purchased, installed, or erected by you, with the estimated cost of each item. Tents at first. Stoves, snowshoes, necessary small tools, cooking equiptment, food, gasoline lights and fuel for same. See attached list.

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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.

MINERVA MINERALS (Name of company) By Robert Ozias Miller (Signature of authorized official)

December 27, 1951 (Date) OWNER (Title)

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U. S. GOVERNMENT PRINTING OFFICE 16—64067-2

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$250.00	per month	Accountant & time keeper.
$ 75.00	per week	Cook.

The same wages as are paid for similar work will prevail. Contract for mining and diamond drill work.

It must be distinctly understood that circumstances and conditions govern labor and its output but every thing will be expedited to PRODUCE results efficiently.

At first, the cook may not seem essential BUT good food properly prepared is ESSENTIAL for loyal labor and vital to maintain health and strength.

The accountant & timekeeper will come in only after need arises.

There will be no "featherbedding" nor "mink-coats" nor "micro-film in pumpkins" on this PRODUCTION.

Assaying by Government Assay Office, Grand Junction, Colorado.

$5000.00 Jack-hammer, rock-bits, dynamite, etc., will include wrenches needed.

Power to be obtained from Diesel tractor until conditions warrant further extension of operations.

$2000.00 Sampling.

The items listed in attached sheets provide a basic information of vital needs.

Should conditions arise later to warrant a change of schedule, that will be taken care of in due time.

This body of radio-active ore containing thorium and uranium was discovered by Robert Ozias Miller in August 1951, while working in the LoLo National Forest, Seeley Lake Ranger District I, the aforesaid Robert Ozias Miller spent my spare time scouting with my "GEIGER COUNTER" on evenings and holidays and week-ends.

This "discovery" lies within the US LoLo Forest area some sixty-seven (67) miles Northeast of Missoula, Montana.

The nearest town is Ovando, Montana, some seventeen (17) miles Southwest. Ovando has two (2) general stores, two (2) gasoline pumps, two (2) saloons and lies on a gravelled road.

There is a logging railroad to "Blanchard Flats" where the Anaconda Copper Co., loads its logs to ship to Bonner or other destinations.

A ore-loading ramp could be built at this point to save trucking to Missoula, Montana.

Good water is available in quantity near the site of this "discovery".

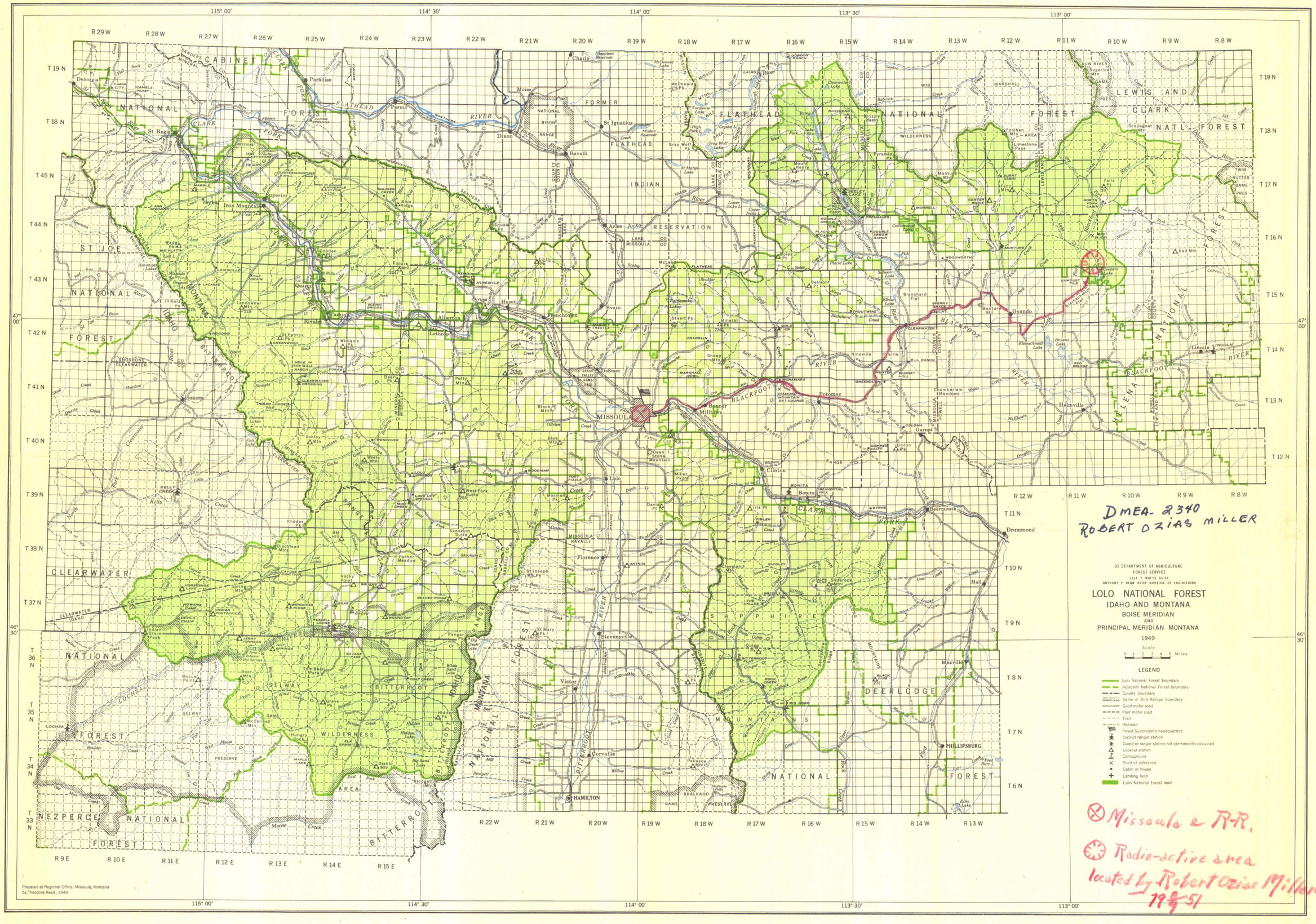
The Blackfoot river lies Northwest some three quarters (¾) of a mile. When conditions warrant, a hydro-electric power plant can be built on this stream.

The nearest habitation is the "Marsden Ranch" on the South bank of the Blackfoot river, and this ranch is about five (5) miles away.

Food supplies and ALL items must come from the nearest market place, Missoula, Montana.

The roads as far as Ovando, Montana are excellent.

Irrigation ditches must be bridged and such bridges as exist must be rebuilt. Gates to pasture lands must be replaced by "cattle-guards" to save time and expedite work.


US DEPARTMENT OF AGRICULTURE
FOREST SERVICE
LYLE F WATTS CHIEF
ANTHONY P DEAN CHIEF DIVISION OF ENGINEERING
LOLO NATIONAL FOREST
IDAHO AND MONTANA
BOISE MERIDIAN
AND
PRINCIPAL MERIDIAN MONTANA
1949
Scale
0 1 2 3 4 5 Miles
LEGEND
Lolo National Forest boundary
Adjacent National Forest boundary
County boundary
Game or Bird Refuge boundary
Good motor road
Poor motor road
Trail
Railroad
Forest Supervisor's headquarters
District ranger station
Guard or ranger station not permanently occupied
Lookout station
Campground
Point of reference
Cabin or house
Landing field
Lolo National Forest land
Prepared at Regional Office, Missoula, Montana
by Theodora Reed, 1949
DMEA- 2340
ROBERT OZIAS MILLER
Missoula & R-R.
Radio-active area
located by Robert Ozias Miller
1949-51