DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 2943

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 ASSISTANCE

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

Cys to USGS, USBM and Reg. IV.

To:	Code 400 Rm 3538	Date	3/28/53
To:	Code 400	Date	7-28-53
To:	Code 400 Rm 3538	Date	8-21-53
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CONTROLLED DOCUMENT

OCT - 1 1953

2943

Hon. Otto Passman
House of Representatives
Washington 25, D. C.

My dear Mr. Passman:

Reference is made to our letter to you of April 10, 1953, regarding an application submitted by Mr. . F. May, President, Sedlawn Development Corporation, Monroe, Louisiana, for assistance in exploring for manganese on the Marion claims, Gunnison County, Colorado (DMA Docket No. 2943). With that letter we sent you a copy of a letter of the same date to Mr. May, outlining the information that would be required to substantiate the merits of his proposed exploration program, inasmuch as three examinations of the claims by Government representatives have indicated to us that the property warrants no further investigation.

The Sedlawn Development Corporation agreed at a conference on May 5, 1953, to obtain a report by a reliable mining engineer giving new engineering or geological data to support its proposed program. However, on August 13, 1953, we were informed that the examination and report have not been made because of the cost involved. On August 21 we informed Mr. May that the application would be held pending until September 24, 1953, to allow ample time for submission of the requested report.

The Sedlawn Development Corporation has not to date supplied the report and we are, therefore, closing our docket since all data available to us indicate that the probability of disclosing minable ore reserves by the applicant's proposed program is not sufficiently promising to justify Government participation.

Sincerely yours,

Scott 9/23/53

Frank E. Johnson

ACTING Administrator

cc: Docket DMA 2943
Field Team, Reg. 4
Adm. Read. File
Code 400
Martha Carr, USGS
G. Dehuff, USBM
Open Conn

Mr. Robert E. Adams, Chief
Operations Control & Statistics Division
Iron and Ferro-Alloys Division, DMEA

September 25, 1953

Removal of application from active file:
Docket No. DMEA 2943 - Manganese
Woodlawn Development Corporation
Barium claims
Gunnison County, Colorado

By letter of August 21, 1953, DMEA notified the subject applicant that certain data required to process the application must be furnished us not later than September 24, 1953, or the docket would be closed.

The deadline has now passed and the docket is transmitted herewith to be placed in the inactive files.

W. S. Martin, Chief
Iron and Ferro-Alloys Division

Attachment

LScott
9/25/53

cc: Docket
Code 400
Adm. Read. File

400

AUG 21 1953

Mr. J. R. Ray, President
Woodlawn Development Corporation
2220 Louisville Avenue
Monroe, Louisiana

Re: Docket No. [illegible] 2943 - Manganese
Woodlawn Development Corporation
Varium claims
Gunnison County, Colorado

Dear Mr. Ray:

This will acknowledge receipt of Mr. Mills' letter of August 13, 1953, regarding the subject docket and advising us that your anticipated operation is now at a standstill, and that the engineering report which you agreed to provide has not been obtained because you need to conserve your funds for the actual exploration.

As we informed you by letter of April 10, 1953, and repeated during the conference in Washington on May 6, 1953, when you and Messrs. Williams and Mills discussed that letter with our Iron and Ferro-Alloys Division, the subject property has been examined three times by the Government. Data available to the Government indicate to us that the probability of disclosing minable ore reserves by your proposed program is not sufficiently promising to justify Government participation.

You advised us, however, that you would provide additional information to substantiate the merits of your proposed exploration program, and therefore, instead of immediately denying the subject application, we agreed to hold it in abeyance until you had furnished a report on that program by a reliable mining engineer. We called your attention at that time to the proviso that no costs incurred before the date of a DMEA contract could be allowed as costs of any corresponding project in which the Government might participate. Our letter of May 26, 1953, confirmed the above agreement and added that although no specific time limit had been set, we understood that we could expect your engineer's report within the next few months.

The subject application has been held in abeyance since April 10, 1953, awaiting the submission of further data. We wish to cooperate fully in the matter of allowing ample time, but if the requested report, or a notification that an examination has been made to obtain such data, is not received by September 24, 1953, we will remove your application from our active file.

Sincerely yours,

C. O. Mittendorf
Administrator

cc: DOCKET
FIELD TEAM, REG. 4
ADM. ASST. FILE
CODE 400

cc: MARTHA CARR, USGS
GILBERT DEHUFF, USBM

FARutledge/WSMartin/ls
8/20/53

JUL 2 7 1953

Mr. [illegible] Ray, President
Woodlawn Development Corporation
2220 Louisville Avenue
Monroe, Louisiana

Re: Docket No. DMV [illegible] - Wenganeue
Woodlawn Development Corporation
Berium claims
Gunnison County, Colorado

Dear Mr. Ray:

Reference is made to the above-docketed application for exploration assistance at the subject property.

It would be appreciated if you would inform this administration of the present status of the examination and engineering report proposed during the conference on May 6, and discussed further in our letter to you of May 26, 1953.

Sincerely yours,

Administrator

FKutledge/jh
7/24/53
cc. to: Docket
Adm. Reading File
Oper. Comm.
Code 400 (2)
Edgar Gealy USBM
Martha Carr USGS
DMV: Field Team, Region IV, (2)

May 7, 1953

MEMORANDUM

To: Docket

From: F. A. Rutledge, Iron and Ferro-Alloys Division

Subject: Conference with applicants
Docket No. DMEA-2943 - Manganese
Woodlawn Development Corporation
Barium Claims
Gunnison County, Colorado

Messrs. Ray, Williams, and Wills of the Woodlawn Development Corporation met with Max Crittenden, Geological Survey, and L. S. Martin and F. A. Rutledge, DMEA, Wednesday, May 6, to discuss their application for exploration assistance.

The Corporation had been notified on April 10, 1953, that additional data were required to substantiate the merits of their program. Mr. Ray submitted copies of reports by A. T. Sweet, metallurgist, Bureau of Mines, and A. T. Sweet, Jr., consulting engineer, that inferred the deposits contained several hundred thousand tons of low grade manganese. There were no data accompanying these reports to substantiate their claims.

The final agreement was that we would hold the matter in abeyance while the company obtained, at its own expense, a report with recommendations based on personal field examination by a reliable mining engineer. No specific time limit was set, but Mr. Wills planned to visit the property with his engineer during the next few months.

FARutledge:foc
5-7-53
cc: Docket
Code 400

MAY 26 1953

WSM

Mr. [illegible] May, President
Woodlawn Development Corporation
2[illegible] Louisville Avenue
Monroe, Louisiana

Re: Docket No. DPA 2943 - Manganese
Woodlawn Development Corporation
Park County
[illegible], Colorado

Dear Mr. May:

Reference is made to the conference regarding the subject project held on Wednesday, May 6, 1953, between Woodlawn Development Corporation, represented by Messrs. Williams, Mills, and Somerell, and the Government, represented by Mr. H. [illegible] Crittenden, U. S. Geological Survey, together with Mr. [illegible] Morton and Mr. [illegible] Malvick, Defense Minerals Exploration Administration.

Your Corporation had been notified on April 20, 1953, that additional data were required to substantiate the merits of the proposed program before the Government could request a Field Team examination. The additional reports on the prospect, promised by you at the above meeting were unsupported by suitable engineering or geological data.

This letter will, therefore, confirm the agreement reached at the conference that the Government intends to hold the subject application for exploration assistance in abeyance until the Corporation has furnished a report on the proposed program by a reliable mining engineer. No specific time limit has been set, but we understand that we can expect your engineer's report within the next few months.

Sincerely yours,

C. O. Mittendorf

Administrator

[illegible]:[illegible]:fcc
5-7-53

cc: Docket
PT, Reg. 6
[illegible] Reading File
Oper. Comm.
H. B. Melcher, DMA
H. B. Crittenden, USGS

100

Mr. L. M. Ray, President
Woodlawn Development Corporation
2220 Louisville Avenue
Monroe, Louisiana

APR 15 1953

Re: Docket No. DMPA 2943 - Manganese
Woodlawn Development Corporation
Barium Claims
Gunnison County, Colorado

Dear Mr. Ray:

This will acknowledge Mr. Stewart's letter of April 11, 1953, inquiring about the status of the subject application.

As we informed you by our letter of April 10, which crossed Mr. Stewart's letter in the mail, the information submitted with your application is insufficient to warrant another examination by the Field Team of the subject property. When you have submitted the information requested in our April 10 letter, however, your application will be given prompt consideration.

Mr. Stewart's question regarding the expenditure of funds for exploration prior to the execution of a Government contract is answered by question No. 69 in the enclosed pamphlet on "The Defense Minerals Exploration Program." You will note that such expenditures could not be included as part of the allowable exploration costs in the event your application should result in a contract.

Sincerely yours,

C. O. Mittendorf

Administrator

Enclosure

FARutledge/ls 4/15/53

Copy to: Docket
Field Team, Reg. 4
Code 400
Adm. Reading File
M. D. Crittenden, USGS
N. R. Melcher, USBM

WOODLAWN DEVELOPMENT CORP.
2220 Louisville Ave.
Monroe, La.

400

April 11, 1953

Re: DMEA - 2943
Exploration assistance
C.L. Davis Mining Claims
Gunnison County, Colorado

Defense Minerals Exploration Administration
Iron and Ferro-Alloys Division
Washington 25, D.C.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 13 1953

Dear Sirs:

Application for Exploration on manganese mining claims in Gunnison County Colorado was dated from this office on March 16, and received in your office on March 24, 1953.

Exploration on this project should start within the next 30 days, or as soon as snow and weather permits. We are prepared to make such a start on the exploration proceedings. However, as yet we have heard no definate committments from your office. We have received a letter from you stating the docket number.

We would appreciate your expediting this application and giving us an answer as soon as is possible. In the meantime, should weather permit us to begin before the application is officially acted upon, and we proceed with the exploration, could the monies expended for this period of time be charged to the exploration loan?

Please, may I hear from you soon?

Very truly yours,

WOODLAWN DEVELOPMENT CORP.

by Paul F. Stewart

ps

COPY

Hon. Otto E. Passman
House of Representatives
Washington 25, D. C.

1 0 1953

Re: Docket No. DMSA 2943 - Manganese
Woodlawn Development Corporation

My dear Mr. Passman:

At the request of Mr. Langston of your office, we are sending you a copy of a letter which we have today written to Mr. L. M. Ray, President, Woodlawn Development Corporation, requesting additional information needed to process his application for exploration assistance on the Barium claims, Gunnison County, Colorado.

As you will note from our letter to Mr. Ray, your constituent's claims have been examined three times by representatives of the Government. The results of these examinations have not indicated to us that the property warrants further investigation by the Government, but if the applicant could furnish new information which would substantiate the merits of his proposed program, we should be glad to reconsider the application and request a field team examination.

Sincerely yours,

C. O. Mittenderf

Administrator

Enclosure

Copy to: Docket
Code 400
Field Team, Reg. 4
Admr. Read. File
M. D. Crittenden, USGS
M. E. Melcher, USBM

FARutledge/le
4/9/53

Mr. L. M. Ray, President
Woodlawn Development Corporation
2220 Louisville Avenue
Monroe, Louisiana

APR 1 0

Re: Docket No. DMTA 2943 - Manganese
Woodlawn Development Corporation
Barium Claims
Gunnison County, Colorado

Dear Mr. Ray:

Your application for exploration assistance under the referenced docket and other data concerning the subject property available to the Government have been reviewed by the Iron and Ferro-Alloys Division of the Defense Minerals Exploration Administration.

The information reported as a result of three previous examinations of the above-noted property confirms the occurrence of a small amount of manganese mineralization, but indicates to us that another field examination by the Government would not be warranted unless you could furnish new information to substantiate your exploration program.

In order to determine whether your property can qualify for further investigation, it would be necessary for you to submit a geologic map of the deposit showing present workings, proposed work, and the target of the proposed exploration. Samples should be taken from the open cut and from the trenches excavated by the Walk Metals Corporation. The location, length, and approximate weight of these samples should be shown on the map.

Your application will, therefore, be held in abeyance until the information requested above is received.

Sincerely yours,

H. O. Mittender

Administrator

FARatledge/ls
4/9/53
Copy to: Docket
Admr. Read. File
Code 400
Field Team, Reg. 4
M. D. Crittenden, USGS
N. B. Melcher, USBM

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 7 1953

April 6, 1953

Memorandum

To: Mr. W. L. Martin, Acting Chief, Iron and Ferro-Alloys Branch, D.M.A.

From: L. J. Healy, Industrial Specialist

Subject: A.M. No. 8913, Marian Lode Mining Claims, Gunnison County Colorado, Moolman Development Corp.

The application is made to explore the Marian claims for manganese and quartz crystals to determine the extent and grade of the mineralized area between cuts already on the property. Exploration would be by means of bulldozer trenches and subsequent drilling if justified.

Reports on this property are somewhat conflicting and indeterminate. A previous applicant proposed to operate the property but abandoned the site after preliminary surveys and without disclosing the results of the work.

Moolman Development Corp. submitted no data which should cause to believe that the mineralized zone is continuous over the area. Prior to any decision to proceed with exploration, some thorough representative sampling is necessary both in the old workings and in the trenches stated to have been started by the former applicant. This sampling should be done in advance and in support of the applicant's assumption that the mineralized zone is continuous and the sample analysis made a part of the original application.

The original applicant desired that a low grade stockpile be established nearby, however the present company makes mention of an amorphous sulfate leach to beneficiate the mined material to stockpile specification. Since this leach would be a necessary part of an integrated exploration-production program, it is suggested that the applicant be more specific in regard to plans for ore treatment methods, sources of leach material etc.

If the applicant can supply the above data, it will then be possible to reach a decision as to whether or not to make a referral to a field team. Further, should the referral be made, the field team will have some information and maps from which to check the property.

L. J. Healy

IN REPLY REFER TO:

G-MU-CF

400

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

March 26, 1953

Memorandum

To: W. S. Martin

From: M. D. Crittenden, Jr.

Subject: DMEA-2943, Manganese
Woodlawn Development Corporation
Barium Claims
Gunnison County, Colorado

The Property

The applicants are owners of 9 claims known as the Barium Group, located near Almont, Gunnison County, Colorado. The present holdings include 6 claims formerly known as the Barium Group, and others known as the Maggie Group.

Exploration Proposed

No specific program of exploration is mentioned. The only clues to the company's intentions are contained in the breakdowns of cost and equipment. From that it looks as if they might dig up the whole county. The present ore reserve would last the drag line only a few hours.

History, Production and Development

One car of hand-sorted ore shipped to Pueblo in 1942 is reported to have assayed 29 or 30 percent Mn. This ore came from a 175-foot adit (now caved) on the Barium Group. A new adit was started late in 1942 but apparently was abandoned without reaching production.

In 1951, the Falk Metals Corporation requested an access road (AR-84) and pressed for the establishment of a purchase depot for low-grade milling ore at Almont. They made extravagant claims of being able to ship 200 tons per day. The proposal was abandoned by the applicant after a small amount of trenching.

Copy retained 60

Geologic Reports

The property was examined for the Geological Survey by S. K. Neuschel in 1942, and by C. S. Robinson in 1951. It was also visited and sampled for the Bureau of Mines by C. M. Harrer in 1950.

Geology and Reserves

The deposits consist of manganese oxides replacing rather flat-lying limestone near its contact with a body of granite. The only development to date is on the west and northwest sides of a more-or-less isolated hill. The present proposal is based on the assumption that the mineralization extends all the way through the hill as a continuous blanket replacing two ore horisons. This concept was also held by Falk Metals Corporation before trenching was begun, and I suspect it is the principal selling point used by the promoters to attract unsuspecting lessees. C. S. Robinson, who examined the property in 1951, found that the mineralization on the west side of the hill is controlled by fault fissures, and consequently saw no reason to expect a continuous bedding replacement.

The ore consists of soft powdery pyrolusite and small amounts of hard psilomelane intimately mixed with calcite. The grade is estimated to range from 5 to 20 percent Mn, but the intimate mixture of oxides and calcite make it impossible to obtain a high-grade product by hand sorting.

In 1942, Neuschel of the Geological Survey inferred reserves of 2,000 to 3,000 tons averaging 15 to 20 percent Mn. In 1950, C. M. Harrer of the Bureau of Mines estimated 30,000 tons of indicated ore averaging 16 percent Mn, and 350,000 tons of inferred ore of lower but unspecified grade. This was done in the early stages of the Falk Metals operations, and is based on the assumption that the ore is a continuous replacement bed. C. S. Robinson reports, on the basis of his later examination, that these figures cannot be substantiated. The original estimates of 2,000 to 3,000 tons are believed to be about right.

Recommendations

In view of the vagueness of the applicants' proposals with regard to exploration and possible utilization of the ore, and in view of the recent field reports available, the applicants should be asked to demonstrate new and significant discoveries as well as a practicable exploration program before further consideration or another field referral is warranted.

M. D. Crittenden, Jr.

400 sheet
revised
2943

involving the operation of a large number of draglines, heavy duty tractors, etc., and has also had experience in gravel mining and production. Woodlawn is not particularly familiar with manganese mining, but proposes to hire the best and most reputable mining engineer available to supervise this work.

At this time, we are seriously considering hiring Mr. Tenney C. DeSollar, Mining Engineer of 1160 Lafayette St., Denver 18, Colorado to supervise this exploration. We have made tentative arrangements with this engineer to handle this operation but in the event he is not available when the actual operations take place, we propose to engage the services of another mining engineer.

6. (a) None.

(b) & (c) 2(d) on sheet no. 6.

(THIS SHEET NUMBER FIVE IS TO REPLACE THE SHEET NUMBER FIVE NOW IN BOOKLET ATTACHED TO "APPLICATION FOR AID TO AN EXPLORATION PROJECT PURSUANT TO DMEA ORDER 1, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED" -- FORM MF-103 AND DATED MY US OF MARCH 16, 1953.)

10018 MAR23'53

DEPARTMENT OF THE ARMY
Defense Research Administration
MAR 23 1953

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 23 1953

Form Approved.
Budget Bureau No. 42-R1035.2.

APPLICATION FOR AID IN AN EXPLORATION PROJECT, PURSUANT TO DMEA ORDER 1, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

Not to be filled in by applicant

Docket No. DMEA-2943
Metal or Mineral
Date Received 3-23-53
Estimated Cost
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: Woodlawn Development Corporation
2220 Louisville Avenue
Monroe, Louisiana
(see also attached sheets)

(*b*) If other than an individual, add to your name above whether a corporation, partnership, etc., and the name of the State in which incorporated or otherwise organized.

(*c*) If a corporation, add to above statement, titles, names and addresses of officers.

(*d*) If a partnership, add to the above statement the names and addresses of all partners.

2. *General.*—Read DMEA Order 1, "Government Aid in Defense Exploration Projects," before completing this application. Submit this application and all accompanying papers in quadruplicate (four copies), with your name and address on each sheet of the application and on all accompanying papers. Where sufficient space is not provided on the form for all required information, state it on an accompanying paper, with a reference in each case to the instruction to which it refers by number. Comply with all applicable instructions; or, if not applicable, so state. File the application with Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest field executive officer thereof.

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract Barium Lode Mining Claims Nos. 1, 2, 3, 4, 5, 6, 7, 8, and 9, all in the Spring Creek Mining District in Gunnison County, Colorado.

(*b*) State any mine name by which the property is known. C. L. Davis Mining Claims (See attached sheets)

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise Owner (See attached sheets)

(*d*) If you are not the owner, submit with this application a copy of the lease, contract, or other document under which you control the property.

(*e*) If you own the land, describe any liens or encumbrances on it See Attached sheets

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice. See attached sheets

4. *Physical description.*—(*a*) Describe in detail any mining or exploration operations which have been or now are being conducted upon the land, including existing mine workings and production facilities. State your interest, if any, in such operations. Also describe accessibility of mine workings for examination purposes. See attached sheets

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades. See attached sheets

(*c*) Describe the geologic features of the property, including mineralization, type of deposit (vein, bedded, etc.), and your reasons for wishing to explore. Illustrate with maps or sketches. Send with your application (but not necessarily as a part of it) any geologic or engineering report, assay maps, or other technologic information you may have, indicating on each whether you require its return to you. See attached sheets

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points. See attached sheets

(*e*) State the availability of manpower, materials, supplies, equipment, water, and power. See attached sheets

16—66551-1

5. *The exploration project.*—(*a*) State the mineral or minerals for which you will explore Manganese and Quartz Crystals

(*b*) Describe fully the proposed work, including a map or sketch of the property showing a plan (and cross sections if needed) of any present mine workings, and the location of the proposed exploration work as related to such features as contacts, veins, ore-bearing beds, etc. See attached sketch

(*c*) The work will start within 60 days and be completed within 8 months from the date of an exploration project contract. See attached sheets

(*d*) State the operating experience and background of the applicant with relation to the ability to carry out such exploration project, and also that of the person or persons who will supervise the operations. See attached sheets

6. *Estimate of costs.*—Furnish a detailed estimate of the costs of the proposed work (you will have to use a separate sheet), under the following headings. Add the totals under all headings to give the estimated total cost of the project:

(*a*) *Independent contracts.*—(Note.—If the applicant does not intend to let any of the work to contractors, write "none" after this item. To the extent that the work is to be contracted, do not repeat the cost of the contract-work in subsequent items.) State the cost of any proposed independent contracts for the performance of all or any part of the work, expressed in terms of units of work (such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, per cubic yard of material moved, etc.). None --- See attached sheets

(*b*) *Labor, supervision, consultants.*—Include an itemized schedule of numbers, classes and rates of wages, salaries or fees for necessary labor, supervision and engineering and geological consultants. See attached sheets

(*c*) *Operating materials and supplies.*—Furnish an itemized list, including items of equipment costing less than $50 each, and power, water and fuel. See attached sheets

(*d*) *Operating equipment.*—Furnish an itemized list of any operating equipment to be rented, purchased, or which is owned and will be furnished by the Operator, with the estimated rental, purchase price, or suggested use-allowance based on present value, as the case may be. See attached sheets

(*e*) *Rehabilitation and repairs.*—Furnish a detailed list showing the cost of any necessary initial rehabilitation or repairs of existing buildings, installations, fixtures, and movable operating equipment, now owned by the Operator and which will be devoted to the exploration project. See attached sheets

(*f*) *New buildings, improvements, installations.*—Furnish a detailed list showing the cost of any necessary buildings, fixed improvements, or installations to be purchased, installed or constructed for the benefit of the exploration project. See attached Sheets

(*g*) *Miscellaneous.*—Furnish a detailed list showing the cost of repairs to and maintenance of operating equipment (not including initial rehabilitation or repairs of the Operator's equipment), analytical work, accounting, workmen's compensation and employers' liability insurance, and payroll taxes. See attached sheets

(*h*) *Contingencies.*—Give an estimate of any necessary allowances for contingencies not included in the costs stated above.

NOTE.—No items of general overhead, corporate management, interest, taxes (other than payroll and sales taxes), or any other indirect costs, or work performed or costs incurred before the date of the contract, should be included in the estimate of costs. See attached sheets

7. (*a*) Are you prepared to furnish your share of the cost of the proposed project in accordance with the regulations on Government participation (Sec. 7, DMEA No. 1)? Yes

(*b*) How do you propose to furnish your share of the costs? See attached sheets

[X] Money [ ] Use of equipment owned by you [ ] Other

Explain in detail on acompanying paper.

CERTIFICATION

The undersigned, whether as an individual, corporate officer, partner, or otherwise, both in his own behalf and acting for the applicant, certifies that the information set forth in this form and accompanying papers is correct and complete, to the best of his knowledge and belief.

Dated March 16, 1953

WOODLAWN DEVELOPMENT CORPORATION
(Applicant)

By L. M. Ray
L. M. RAY, PRESIDENT

2220 Louisville Avenue, Monroe, La.

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—66551-1

Additional information and answers to questions on U. S. Dept. of Interior Form MF-103 entitled

APPLICATION FOR AID IN AN EXPLORATION PROJECT, PURSUANT TO DMEA ORDER 1, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED (MF-103----revised April, 1952)

1. (a) Name of Applicant:
Woodlawn Development Corporation
2220 Louisville Avenue
Monroe, Louisiana

(b) A corporation organized under the laws of the State of Louisiana.

(c) Officers are:
President - L. M. Ray, 2220 Louisville Ave., Monroe, La.
Vice Pres.- Joe Ray, 2220 Louisville Ave., Monroe, La.
Sec.-Treas- Byron Terrer, 2220 Louisville Ave., Monroe, La.

(d) Does not apply.

2. General: Woodlawn Development Corp. has purchased all rights and claims of the C. L. Davis Mining Claims on Manganese Peak in Spring Creek Mining District, Gunnison County, Colorado. Woodlawn intends to fully explore and set up necessary facilities for processing the ore or ores found.

Information from previous operators and local interested citizens indicate that the exploration will result in finding satisfactory ore requirements for commercial processing. This information is further intensified by the results of an ore analysis made for Mr. Davis (former owner) by Mr. A.T. Sweet of the Denver Office of the U. S. Department of Interior.

Mr. Sweet stated in his letter-report to Mr. Davis the following information:

"An ore sample which I took from your property for the tests, the assay was 51.4% manganese. This is well above the average for the many samples received by us for test of our western ores.....

"We feel that ore of 18% manganese or above is sufficient for mill feed and from observations on the ground, there appears to be more of this material than has been officially estimated."

On the attached sketch is approximate location of peak from nearest community and peak cut-section showing what is believed to be the formation. Some work on exploration has been done. Work that has been accomplished is shown on the sketch. A pit has been dug on the south side of the peak and its size is approximately 200' x 300' with a face of about 15'. From that pit a shaft extends back into a vein of ore. This shaft or tunnel extends back approximately 200 ft.

One test hole has been drilled at the bottom of this pit. It was extended to another vain of ore through a layer of limestone. The depth of this second vein or strata is unknown.

This exploration work that has been done within the past couple of years, although reasonable extensive, was not carried out in a very thorough or complete manner.

The exploration work proposes is to search for manganese bearing ore and possibly quartz crystals. A small sum of quartz crystals have been found on the site. The work will endeavor to determine if the formation extends the entire distance between the cuts now on the mountain. If the formation is continuous, cuts can be made by bulldozers to get exact widths and correct samples for careful analysis. If the results of this work are satisfactory, than a definite plan of drilling will be worked out so as to determine the extent of the formation of these claims.

Woodlawn Development Corp. realizes that manganese ore formations are very tricky and involve much dtail if accurate results are to be obtained. Only in that way can any reasonable estimate be made of possible tonnage.

Woodlawn has access to necessary earth moving equipment, and other materials, labor, and tools as may be required for such exploration operations. While these tools and equipment are not the property of Woodlawn, they can be quickly and easily secured. (See answer to question 50d later in this application).

When the samples from this exploration are analyzed and bear out that the early analysis was correct, further investigation will be made on ore processing.

From knowledge that Woodlawn Development Corporation has at hand, the nearest processing mill for manganese is at Deming, New Mexico, and that is a government mill. However, Woodlawn Development Corporation feels that unless the ore content is proved higher than the early analysis, a chemical leaching process would be more satisfactory for extracting the metal from the ore.

Woodlawn Development Corporation is acquainted with the "Ammonium Sulfate Process" for extracting the metal from the ore. After it is determined there is sufficient ore, a mill will be set up as soon as is possible. Woodlawn Development Corporation intends to set up a complete mill with a daily capacity of approximately 100 tons of ore per day.

3. Applicant's property rights:

(a) Legal Description: Barium Lode Mining Claims Nos. 1, 2, 3, 4, 5, 6, 7, 8, and 9, all in Spring Creek Mining District in Gunnison County, Colorado.

(b) Other names by which the mine is know: C. L. Davis Mining Claim, Manganese Peak, Spring Creek, Gunnison County, Colorado.

(c) Interest in land: Woodlawn Development Corp. is the owner of the claims, and all titles have been brought up to date.

(d) Does not apply

(e) Liens and encumbrances against claims: These mining claims are encumbered by a First Mortage in the amount of $199,820.00 payable $180.00 per year or $1.00 for each long dry ton of manganese ore concentrate as it is produced.

(f) These claims are unpatented and are recorded in Book 284, Page 537 in the Records of Gunnison County, Colorado.

4. Physical Description:

(a) A portion of these mining claims have been opened and a good grade of manganese obtained from these pits. Samples of this ore were furnished by the U. S. Deptartment of Interior, Bureau of Mines, Rocky Mountain Region IV, Denver, Colorado. The ore assayed 31.4% manganese. It was proven through preliminary tests that this ore would re readily leach and that nothing appears unusual in its metallurgical treatment, and that there is a sizeable deposit of this ore on these claims. This ore is located approximately 15 miles from a railhead and within approximately 6 miles from a good paved highway. The balance of the road to the pits is easily accessible by automobile or truck.

(b) Ore reserves and previous production: There has been a small amount of ore produced from these pits and some of the samples assayed 31.4% manganese. This ore is found in a vein and it is the desire of Woodlawn to explore it because it is more or less certain that there are 200 to 300 thousand tons of ore in this deposit, which has been previously assayed and proven of sufficient grade to warrant production.

(c) Geologic reports, maps, etc: We have no geologic reports or definite maps for submission with this report. However, we are enclosing a general location map for information purposes only. This is to show general area near peak. This map and notes and details thereon are not necessarily correct and the map is not necessarily to scale. This map shall in no way be construed to be an accurate map of mining claims. The sketch was made from one person's visit to locality and to mining claims. Information noted thereon was obtained from past operators, interested nearby residents, and notes and records.

(d) Accessibility of Project: These mining claims are readily accessible. They are approximately 15 miles from a railhead and approximately 6 miles from a good paved highway. The balance of the road is easily accessible to automobiles and trucks. It is within 15 miles of a small community and approximately 25 miles from Gunnison, Colorado.

(e) Availiability of manpower, materials, supplies, etc: From preliminary investigations, it is found that there is sufficient manpower available locally. Materials and supplies can be secured from Gunnison and Denver. Woodlawn has easy access to sufficient operating equipment to perform this work. There is ample water supply in Spring Creek which flows at the foot of Manganese Peak, where the claims are located. There is some electrical power available within about 6 miles of the pits.

5. Exploration Project:

(a) Manganese and quartz crystals are the minerals for which Woodlawn wishes to explore.

(b) Describe fully the proposed work, etc: Refer to information in section two titled "General" information. There has been some mine working for the past two seasons, but with no great degree of thoroughness. Woodlawn proposes to explore the peak to determine if the strata of ore is a continuous through vein. This will be done by the use of earth moving machinery and necessary drilling as mentioned in preceeding paragraphs. Sufficient samples will be taken for analysis to make a more exacting appraisal on the estimated tonnage of the ore present.

(c) Work will start within 60 days and be completed within eight months from the date of the exploration contract.

(d) The President of this corporation is also president and majority stockholder of Associated Contractors, Inc. who are at present actively engaged in highway, levee and drainage construction, moving and hauling large quantities of earth

involving the operation of a large number of draglines, heavy duty tractors, etc., and has also had experience in gravel mining and production. Woodlawn is not particularly familiar with manganese mining but propose to hire the best and most reputable mining engineer available to supervise this work. At this time we are seriously considering hiring Mr. Tenney C. DeSollar, Mining Engineer of 1160 Lafayette St., Denver 18, Colorado to supervise this exploration. We have made tentative arrangements with this engineer to handle this operation but in the event he is not available when the actual operations take place, we propose to engage the services of another mining engineer of Denver, Colorado.

6. (a) None

(b)

1 TD International Bulldozer, or equal, 10 hours per day fully operated, for 90 days @ $12.00 per hour	$10,800.00
1 Model 34 Lima Paymaster Dragline, or equal, 10 hours per day, fully operated, for 90 days @ $12.00 per hour	10,800.00
Freight on above two pieces of equipment $500.00 per machine, each way	2,000.00
2 Core Drilling Machines	--------
1 TD-9 International Tractor, fully operated (crawler type tractor) y months - 10 hours per day @ $6.00 per hour	10,800.00
1 Graduate engineer as superintendent of the work salary and expenses - 6 months @ $800.00	4,800.00
1 Mining Engineer - salary and expenses - 6 months @ $800.00	4,800.00
1 1½-ton Service Truck - 6 months @$400.00 per month, fully operated	2,400.00
1 1½-ton Pick-Up Truck - 6 months, fully operated @ $250.00 per mohth	1,500.00
1 4-wheel drive Jeep, fully operated 6 months @ $250.00 per month	1,500.00
1 Crew - 6 laborers 10 hours per day for 6 months @ $1.25 per hour	13,500.00

7. (a) Yes

(b) Use of equipment owned by us and cash

(b) & (d): Labor, supervision, operating equipment, etc: All below sums are based on a 10 hour working day and a 6 day working week, making a total of 60 hours. 40 of these hours are figured as straight time and 20 are figured as overtime.

One -- TC International Bulldozer, fully operated for $12.00 per hour. 90 working days (15 weeks) 40 hrs. @ $12.00 and 20 hrs. @ $18.00 for 90 working days (15 weeks)	$ 12,600.00
One Lima Paymaster Dragline, Model 34, fully operated for $12.00 per hour. 90 working days (15 weeks) 40 hrs. @ $12.00 & 20 hrs. @ $18.00 for 90 working days (15 weeks)	12,600.00
Freight on above two pieces of equipment, $500 per machine each way	2,000.00
Two Core drilling rigs, fully operated for approximately $10.00 per hour. 96 working days (16 weeks) 40 hours @ $10.00 and 20 hours @ $15.00 for 96 working days (16 weeks)	11,200.00
One TD-9 International Tractor (Crawler type), fully operated for $6.00 per hour. 150 working days (25 weeks) 40 hours @ $6.00 and 20 hours @ $9.00 for 150 working days (25 weeks)	10,500.00
One Pick-Up truck for supervisor at $250.00 per month for 8 months	2,000.00
One 1½-Ton Service Truck with driver and fully operated for seven months at $500.00 per month	3,500.00
One 4-Wheel Drive Jeep, fully operated for seven months at $250.00 per month	1,750.00
One 1½-Ton Pick-Up Truck, fully operated for six months at $250.00 per month	1,500.00
One Graduate Engineer as Superintendent of the work; salary and expenses for six months at $800.00 per month	4,800.00
One Mining Engineer; salary and expenses for eight months at $800.00 per month	6,400.00

One crew of six laborers for six months at $1.25 per hour. Total of 150 working days (25 weeks) $ 14,580.00

Total Estimated $ 83,430.00

(c) Operating materials and supplies: In addition to that listed above, the following and their estimated values:

Hand tools	$ 500.00
Small power plant	750.00
Water Pump (water from nearby stream)	500.00
Picks, Shovels, hose, etc.	1,000.00
(Fuel for all equipment is included in equipment costs)	0.00
Total Estimated	$ 2,750.00

(e) Repairs to existing buildings, improvements, etc: No apparent repairs on existing structures at or near the site are needed. The mountain lodge near the peak is owned by Woodlawn and can and will serve as office for the project as well as possible on site living quarters for engineers. No repair is contemplated for this structure. Other minor temporary structures are on or near the site and can be used in various capacities.

Total estimated $ 0.00

(f) No new buildings are contemplated to be constructed for this project, as existing facilities will suffice.

Total estimated $ 0.00

(g) Miscellaneous: Workmen's Compensation Insurance, Payroll Taxes, etc: The items previously listed as "fully operated" are not considered below. These estimates are for labor not thus far covered.

(Acct., Engineers, Laborers, total of $26,100.00)

Workmen's Compensation Ins. - 8%) Payroll Taxes -4½%)	$ 3,262.50
Accountant & Bookkeeper for 8 months Salary and expenses $400.00 per month	3,200.00
Misc. office expenses @ $100.00 per mo.	800.00
Total Estimated	$ 7,262.50

(h) Contingencies: Items not listed or classified or noted elsewhere:

Telephone	$ 500.00
Travel	2,000.00
Legal Fees	500.00
Misc. Items and Expenses	1,000.00
Total Estimated	$ 4,000.00

Total Estimated Cost of all items including those under the headings -- a, b, c, d, e, f, g, h, is $ 97,442.50

NOTE: All these above items are the maximum expected expenses. It is quite likely that many of these items may be reduced in cost when operation is set up; the reduction being the result of good workable weather, supervision, or when sufficient ore reserves are proven as far as the exploration is concerned. These estimated costs are the costs to be expended, and the loan is requested only on the amount necessary for the exploration.

7. Woodlawn is prepared to furnish its share of the costs in money. See also above information under various headings.

****

40

FILE COPY
SURNAME: B

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

Martin
Jewell
Vedeis
Gilfillan

OCT - 1 1953

Hon. Otto Passman
House of Representatives
Washington 25, D. C.

My dear Mr. Passman:

Reference is made to our letter to you of April 10, 1953, regarding an application submitted by Mr. [illegible] M. Ray, President, Woodlawn Development Corporation, Monroe, Louisiana, for assistance in exploring for manganese on the Barium claims, Gunnison County, Colorado (DMEA Docket No. 2943). With that letter we sent you a copy of a letter of the same date to Mr. Ray, outlining the information that would be required to substantiate the merits of his proposed exploration program, inasmuch as three examinations of the claims by Government representatives have indicated to us that the property warrants no further investigation.

The Woodlawn Development Corporation agreed at a conference on May 6, 1953, to obtain a report by a reliable mining engineer giving new engineering or geological data to support its proposed program. However, on August 13, 1953, we were informed that the examination and report have not been made because of the cost involved. On August 21 we informed Mr. Ray that the application would be held pending until September 24, 1953, to allow ample time for submission of the requested report.

The Woodlawn Development Corporation has not to date supplied the report and we are, therefore, closing our docket since all data available to us indicate that the probability of disclosing minable ore reserves by the applicant's proposed program is not sufficiently promising to justify Government participation.

Sincerely yours,

Frank E. Johnson

ACTING Administrator

LScott 9/28/53

cc: Docket DMEA 2943
Field Team, Reg. 4
Adm. Read. File
Code 400
Martha Carr, USGS
G. DeHuff, USBM
Oper Conn

657

R.C.G.
10-1-53

STANDARD FORM NO. 64

Office Memorandum • UNITED STATES GOVERNMENT

TO : Mr. Robert E. Adams, Chief
Operations Control & Statistics Division

DATE: September 25, 1953

FROM : Iron and Ferro-Alloys Division, DMEA

SUBJECT: Removal of application from active file:
Docket No. DMEA 2943 - Manganese
Woodlawn Development Corporation
Barium claims
Gunnison County, Colorado

By letter of August 21, 1953, DMEA notified the subject applicant that certain data required to process the application must be furnished us not later than September 24, 1953, or the docket would be closed.

The deadline has now passed and the docket is transmitted herewith to be placed in the inactive files.

W S Martin
W. S. Martin, Chief
Iron and Ferro-Alloys Division

Attachment

FILE COPY
SURNAME:

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

September 25, 1953

Martin
Selfridge

Mr. Robert E. Adams, Chief
Operations Control & Statistics Division
Iron and Ferro-Alloys Division, DMEA

Removal of application from active file:
Docket No. DMEA 2943 - Manganese
Woodlawn Development Corporation
Barium claims
Gunnison County, Colorado

By letter of August 21, 1953, DMEA notified the subject applicant that certain data required to process the application must be furnished us not later than September 24, 1953, or the docket would be closed.

The deadline has now passed and the docket is transmitted herewith to be placed in the inactive files.

W. S. Martin, Chief
Iron and Ferro-Alloys Division

Attachment

LScott
9/25/53

cc: Docket
Code 400
Adm. Read. File

P.C.J.
10-1-53

FILE COPY
SURNAME:

Rutledge
Martin

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

AUG 21 1953

Mr. L. M. Ray, President
Woodlawn Development Corporation
2220 Louisville Avenue
Monroe, Louisiana

Re: Docket No. DMEA 2943 - Manganese
Woodlawn Development Corporation
Barium claims
Gunnison County, Colorado

Dear Mr. Ray:

This will acknowledge receipt of Mr. Wills' letter of August 13, 1953, regarding the subject docket and advising us that your anticipated operation is now at a standstill, and that the engineering report which you agreed to provide has not been obtained because you need to conserve your funds for the actual exploration.

As we informed you by letter of April 10, 1953, and repeated during the conference in Washington on May 6, 1953, when you and Messrs. Williams and Wills discussed that letter with our Iron and Ferro-Alloys Division, the subject property has been examined three times by the Government. Data available to the Government indicate to us that the probability of disclosing minable ore reserves by your proposed program is not sufficiently promising to justify Government participation.

You advised us, however, that you would provide additional information to substantiate the merits of your proposed exploration program, and therefore, instead of immediately denying the subject application, we agreed to hold it in abeyance until you had furnished a report on that program by a reliable mining engineer. We called your attention at that time to the proviso that no costs incurred before the date of a DMEA contract could be allowed as costs of any corresponding project in which the Government might participate. Our letter of May 26, 1953, confirmed the above agreement and added that although no specific time limit had been set, we understood that we could expect your engineer's report within the next few months.

The subject application has been held in abeyance since April 10, 1953, awaiting the submission of further data. We wish to cooperate fully in the matter of allowing ample time, but if the requested report, or a notification that an examination has been made to obtain such data, is not received by September 24, 1953, we will remove your application from our active file.

Sincerely yours,

C. O. Mittendorf
Administrator

(fw)

8-21-53

cc: DOCKET
FIELD TEAM, REG. 4
ADM. READ. FILE
CODE 400

cc: MARTHA CARR, USGS
GILBERT DEHUFF, USBM

FARutledge/WSMartin/ls
8/20/53

OFFICE PHONE 3-6621

Docket

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 17 1953

WOODLAWN DEVELOPMENT
CORPORATION

Choice Residential & Commercial Property

2220 LOUISVILLE AVENUE
Monroe, Louisiana

August 13, 1953

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

RE: Docket No. DMEA 2943 - Manganese
Woodlawn Development Corporation
Barium Claims - Gunnison County, Colo.

Dear Mr. Mittendorf:

This will acknowledge yours of July 27 inquiring of the status of the above docketed application.

Please be advised that the examination and engineering report proposed during the conference of May 6 has not as yet been performed because of the excess cost involved.

We had anticipated that the exploration assistance received from D.M.E.A. would assist in defraying the cost of such an examination and report. Frankly, it would appear that D.M.E.A. is desirous of having the above captioned properties fully explored before making any grant of assistance. This appears rather ambiguous to our operation because of the fact that we need the funds for the actual exploration and engineering. If such work is done before any grant of assistance on the part of your agency, it would then appear that there would be no need for such assistance.

Being unable to go forward with the examination and engineering report proposed without assistance from your agency, our anticipated operation is presently at a standstill.

Yours very truly,

Earl J. Wills

E. J. Wills, Vice President

jt

FILE COPY
SURNAME:

Rutledge
Martin

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

JUL 2 7 1953

Mr. L. W. Ray, President
Woodlawn Development Corporation
2220 Louisville Avenue
Monroe, Louisiana

Re: Docket No. DMEA 2943 - Manganese
Woodlawn Development Corporation
Barium claims
Gunnison County, Colorado

Dear Mr. Ray:

Reference is made to the above-docketed application for exploration assistance at the subject property.

It would be appreciated if you would inform this Administration of the present status of the examination and engineering report proposed during the conference on May 6, and discussed further in our letter to you of May 26, 1953.

Sincerely yours,

SIGNED

Administrator

FXRutledge/jh
7/24/53
cc. to: Docket
Adm. Reading File
Oper. Comm.
Code 400 (2)
Edgar Gealy USBM
Martha Carr USGS
DMEA Field Team, Region IV, (2)

FILE COPY
SURNAME:

400

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

Rutledge
Martin
Hoffman

MAY 26 1953

Mr. L. M. Ray, President
Woodlawn Development Corporation
2220 Louisville Avenue
Monroe, Louisiana

Re: Docket No. DMEA 2943 - Manganese
Woodlawn Development Corporation
Barium Claims
Gunnison County, Colorado

Dear Mr. Ray:

Reference is made to the conference regarding the subject project held on Wednesday, May 6, 1953, between Woodlawn Development Corporation, represented by Messrs. Williams, Wills, and yourself, and the Government, represented by Dr. M. D. Crittenden, U. S. Geological Survey, together with W. S. Martin and F. A. Rutledge, Defense Minerals Exploration Administration.

Your Corporation had been notified on April 10, 1953, that additional data were required to substantiate the merits of the proposed program before the Government could request a Field Team examination. The additional reports on the prospect, presented by you at the above meeting were unsupported by suitable engineering or geological data.

This letter will, therefore, confirm the agreement reached at the conference that the Government intends to hold the subject application for exploration assistance in abeyance until the Corporation has furnished a report on the proposed program by a reliable mining engineer. No specific time limit has been set, but we understand that we can expect your engineer's report within the next few months.

Sincerely yours,

C. O. Mittendorf (for)

Administrator

MDD
5-26-53

FARutledge:foc
5-7-53
cc: Docket
FT, Reg. 6
Adm. Reading File
Oper. Comm.
N. B. Melcher, USBM
M. D. Crittenden, USGS

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

May 7, 1953

MEMORANDUM

To: Docket

From: F. A. Rutledge, Iron and Ferro-Alloys Division

Subject: Conference with applicants
Docket No. DMEA-2943 - Manganese
Woodlawn Development Corporation
Barium Claims
Gunnison County, Colorado

Messrs. Ray, Williams, and Wills of the Woodlawn Development Corporation met with Max Crittenden, Geological Survey, and W. S. Martin and F. A. Rutledge, DMEA, Wednesday, May 6, to discuss their application for exploration assistance.

The Corporation had been notified on April 10, 1953, that additional data were required to substantiate the merits of their program. Mr. Ray submitted copies of reports by A. T. Sweet, metallurgist, Bureau of Mines, and A. T. Sweet, Jr., consulting engineer, that inferred the deposits contained several hundred thousand tons of low grade manganese. There were no data accompanying these reports to substantiate their claims.

The final agreement was that we would hold the matter in abeyance while the company obtained, at its own expense, a report with recommendations based on personal field examination by a reliable mining engineer. No specific time limit was set, but Mr. Wills planned to visit the property with his engineer during the next few months.

FILE COPY
SURNAME:

Rutledge
Martin
Hoffman

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

400

May 7, 1953

MEMORANDUM

To: Docket

From: F. A. Rutledge, Iron and Ferro-Alloys Division

Subject: Conference with applicants
Docket No. DMEA-2943 - Manganese
Woodlawn Development Corporation
Barium Claims
Gunnison County, Colorado

Messrs. Ray, Williams, and Wills of the Woodlawn Development Corporation met with Max Crittenden, Geological Survey, and W. S. Martin and F. A. Rutledge, DMEA, Wednesday, May 6, to discuss their application for exploration assistance.

The Corporation had been notified on April 10, 1953, that additional data were required to substantiate the merits of their program. Mr. Ray submitted copies of reports by A. T. Sweet, metallurgist, Bureau of Mines, and A. T. Sweet, Jr., consulting engineer, that inferred the deposits contained several hundred thousand tons of low grade manganese. There were no data accompanying these reports to substantiate their claims.

The final agreement was that we would hold the matter in abeyance while the company obtained, at its own expense, a report with recommendations based on personal field examination by a reliable mining engineer. No specific time limit was set, but Mr. Wills planned to visit the property with his engineer during the next few months.

FARutledge:foc
5-7-53
cc: Docket
Code 400

La Salle Apt. Hotel May 6, 1953.
10:10

Mr. Martin

Please phone

Mr. Earl Wills

Me. 8-2161

Ext. 612

400

FILE COPY
SURNAME:

Rutledge
Martin

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

Mr. L. M. Ray, President
Woodlawn Development Corporation
2220 Louisville Avenue
Monroe, Louisiana

APR 15 1953

Re: Docket No. DMMA 2943 - Manganese
Woodlawn Development Corporation
Barium Claims
Gunnison County, Colorado

Dear Mr. Ray:

J.C. 4/15/53

This will acknowledge Mr. Stewart's letter of April 11, 1953, inquiring about the status of the subject application.

As we informed you by our letter of April 10, which crossed Mr. Stewart's letter in the mail, the information submitted with your application is insufficient to warrant another examination by the Field Team of the subject property. When you have submitted the information requested in our April 10 letter, however, your application will be given prompt consideration.

Mr. Stewart's question regarding the expenditure of funds for exploration prior to the execution of a Government contract is answered by question No. 69 in the enclosed pamphlet on "The Defense Minerals Exploration Program." You will note that such expenditures could not be included as part of the allowable exploration costs in the event your application should result in a contract.

Sincerely yours,

C. O. Mittendorf (fw)

Administrator

Enclosure

FARutledge/ls 4/15/53

Copy to: Docket
Field Team, Reg. 4
Code 400
Adm. Reading File
M. D. Crittenden, USGS
N. B. Melcher, USBM

OFFICE PHONE 3-6621

Docket

WOODLAWN DEVELOPMENT
CORPORATION

Choice Residential & Commercial Property

2220 LOUISVILLE AVENUE
Monroe, Louisiana

April 11, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 13 1953

Re: DMEA - 2943
Exploration assistance
C.L. Davis Mining Claims
Gunnison County, Colorado

Defense Minerals Exploration Administration
Iron and Ferro-Alloys Division
Washington 25, D.C.

Dear Sirs:

Application for Exploration on manganese mining claims in Gunnison County Colorado was dated from this office on March 16, and received in your office on March 24, 1953.

Exploration on this project should start within the next 30 days, or as soon as snow and weather permits. We are prepared to make such a start on the exploration proceedings. However, as yet we have heard no definate committments from your office. We have received a letter from you stating the docket number.

We would appreciate your expediting this application and giving us an answer as soon as is possible. In the meantime, should weather permit us to begin before the application is officially acted upon, and we proceed with the exploration, could the monies expended for this period of time be charged to the exploration loan?

Please, may I hear from you soon?

Very truly yours,

WOODLAWN DEVELOPMENT CORP.

Paul F. Stewart
~~by Paul F. Stewart~~

ps

(Copy retained)

400

FILE COPY
SURNAME:

Rutledge
Martin

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

Mr. L. M. Ray, President
Woodlawn Development Corporation
2220 Louisville Avenue
Monroe, Louisiana

APR 1 0 1953

Re: Docket No. DMRA 2943 - Manganese
Woodlawn Development Corporation
Barium Claims
Gunnison County, Colorado

Dear Mr. Ray:

Your application for exploration assistance under the referenced docket and other data concerning the subject property available to the Government have been reviewed by the Iron and Ferro-Alloys Division of the Defense Minerals Exploration Administration.

The information reported as a result of three previous examinations of the above-noted property confirms the occurrence of a small amount of manganese mineralization, but indicates to us that another field examination by the Government would not be warranted unless you could furnish new information to substantiate your exploration program.

In order to determine whether your property can qualify for further investigation, it would be necessary for you to submit a geologic map of the deposit showing present workings, proposed work, and the target of the proposed exploration. Samples should be taken from the open cut and from the trenches excavated by the Milk Metals Corporation. The location, length, and approximate weight of these samples should be shown on the map.

Your application will, therefore, be held in abeyance until the information requested above is received.

Sincerely yours,

C. O. Mittendorf (fw)

Administrator

J. C. 4/10/53

FARutledge/ls
4/9/53

Copy to: Docket
Admr. Read. File
Code 400
Field Team, Reg. 4
M. D. Crittenden, USGS
N. B. Melcher, USBM

FILE COPY
SURNAME:

Rutledge
Martin

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

APR 10 1953

Hon. Otto E. Passman
House of Representatives
Washington 25, D. C.

Re: Docket No. DMEA 2943 - Manganese
Woodlawn Development Corporation

My dear Mr. Passman:

At the request of Mr. Langston of your office, we are sending you a copy of a letter which we have today written to Mr. L. M. Ray, President, Woodlawn Development Corporation, requesting additional information needed to process his application for exploration assistance on the Barium claims, Gunnison County, Colorado.

As you will note from our letter to Mr. Ray, your constituent's claims have been examined three times by representatives of the Government. The results of these examinations have not indicated to us that the property warrants further investigation by the Government, but if the applicant could furnish new information which would substantiate the merits of his proposed program, we should be glad to reconsider the application and request a field team examination.

Sincerely yours,

R. D. Mittendorf (fw)

Administrator

Enclosure

Copy to: Docket
Code 400
Field Team, Reg. 4
Admr. Read. File
M. D. Crittenden, USGS
W. B. Melcher, USBM

J.C. 4/10/53

FARutledge/ls
4/9/53

dmea 2943

3/30/53

Mr. Martin:

Mr. Langston of office of Congressman Otto Passman of Louisiana telephoned to advise that he had received a request from the Woodlawn Development Corporation to hurry up action on their application for exploration aid which the Corp. had just sent to DMEA.

I advised the Congressman that the application only reached Washington on March 24 and had been assigned Docket No. DMEA 2943, and referred to the manganese commodity specialists for preliminary review. However, at the moment the record contained no indication of possible future action--whether the applicant might need to supply added information or whether we might ask our field representatives to make an examination, or whether other actions might be decided upon after the preliminary review.

Mr. Langston stated he understood full well some little time was required for routine processing of any correspondence, and he would appreciate our letting him know whenever we did take action on the application in order that the Woodlawn Development Co. could be advised accordingly.

LS

10-31-51
[illegible]

G— says @ [illegible]
Maybe Monday (Apr 6)
he can write a report
WSM
4/3/53

FAR

Gealy says something about the proposed leaching in his memo, but I see no need to change your drafts to mention that, do you?

WSM
4/8/53

Falk Metals Corp.

C.L. Davis Mining claims

Barnum Lode Mining Claim No. 1, 2, 3, 4, 5, 6, 7, 8, & 9
Spring Creek Mining District
Gunnison County, Colorado

6132
Miss Graham

Gealy says see old appl. from
Falk Metals Corp
DMA says

DMA says No
DMEA no [illegible]

J.H.R.

Letter application went to
Irving Crumble → DMA
Action held up pending trenching
Requirement circulated for FT
Harvey requesting [illegible]
[illegible] 18 [illegible]
Falk did

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

Reference Branch to Administration
APR 7 1953

Memorandum

April 6, 1953

To: Mr. W. S. Martin, Acting Chief, Iron and Ferro-Alloys Branch, DMEA

From: E. J. Gealy, Commodity Specialist

Subject: DMEA No. 2943, Barium Lode Mining Claims, Gunnison County Colorado, Woodlawn Development Corp.

WSM

The application is made to explore the Barium claims for manganese and quartz crystals to determine the extent and grade of the mineralized area between cuts already on the property. Exploration would be by means of bulldozer trenches and subsequent drilling if justified.

Reports on this property are somewhat conflicting and indeterminate. A previous applicant proposed to operate the property but abandoned the site after preliminary surveys and without disclosing the results of his work.

Woodlawn Development Corp. submitted no data which showed reason to believe that the mineralized zone is continuous over the area. Prior to any decision to proceed with exploration, some thorough representative sampling is necessary both in the old workings and in the trenches known to have been started by the former applicant. This sampling should be done in advance and in support of the applicant's assumption that the mineralized zone is continuous and the sample analysis made a part of the original application.

The original applicant desired that a low grade stockpile be established nearby, however the present company makes mention of an ammonium sulfate leach to beneficiate the mined material to stockpile specification. Since this leach would be a necessary part of an integrated exploration-production program, it is suggested that the applicant be more specific in regard to plans for ore treatment methods, sources of leach material etc.

If the applicant can supply the above data, it will then be possible to reach a decision as to whether or not to make a referral to a field team. Further, should the referral be made, the field team will have some information and maps from which to check the property.

E. J. Gealy

copy sent 7.1

Copy retained 400

Docket

IN REPLY REFER TO:

G-MD-CF

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

March 26, 1953

Memorandum

WSM

To: W. S. Martin

From: M. D. Crittenden, Jr.

Subject: DMEA-2943, Manganese
Woodlawn Development Corporation
Barium Claims
Gunnison County, Colorado

The Property

The applicants are owners of 9 claims known as the Barium Group, located near Almont, Gunnison County, Colorado. The present holdings include 6 claims formerly known as the Barium Group, and others known as the Maggie Group.

Exploration Proposed

No specific program of exploration is mentioned. The only clues to the company's intentions are contained in the breakdowns of cost and equipment. From that it looks as if they might dig up the whole county. The present ore reserve would last the drag line only a few hours.

History, Production and Development

One car of hand-sorted ore shipped to Pueblo in 1942 is reported to have assayed 29 or 30 percent Mn. This ore came from a 175-foot adit (now caved) on the Barium Group. A new adit was started late in 1942 but apparently was abandoned without reaching production.

In 1951, the Falk Metals Corporation requested an access road (AR-84) and pressed for the establishment of a purchase depot for low-grade milling ore at Almont. They made extravagant claims of being able to ship 200 tons per day. The proposal was abandoned by the applicant after a small amount of trenching.

Copy passed to F.T.

Copy retained 400

Geologic Reports

The property was examined for the Geological Survey by S. K. Neuschel in 1942, and by C. S. Robinson in 1951. It was also visited and sampled for the Bureau of Mines by C. M. Harrer in 1950.

Geology and Reserves

The deposits consist of manganese oxides replacing rather flat-lying limestone near its contact with a body of granite. The only development to date is on the west and northwest sides of a more-or-less isolated hill. The present proposal is based on the assumption that the mineralization extends all the way through the hill as a continuous blanket replacing two ore horizons. This concept was also held by Falk Metals Corporation before trenching was begun, and I suspect it is the principal selling point used by the promoters to attract unsuspecting lessees. C. S. Robinson, who examined the property in 1951, found that the mineralization on the west side of the hill is controlled by fault fissures, and consequently saw no reason to expect a continuous bedding replacement.

The ore consists of soft powdery pyrolusite and small amounts of hard psilomelane intimately mixed with calcite. The grade is estimated to range from 5 to 20 percent Mn, but the intimate mixture of oxides and calcite make it impossible to obtain a high-grade product by hand sorting.

In 1942, Neuschel of the Geological Survey inferred reserves of 2,000 to 3,000 tons averaging 15 to 20 percent Mn. In 1950, C. M. Harrer of the Bureau of Mines estimated 30,000 tons of indicated ore averaging 16 percent Mn, and 350,000 tons of inferred ore of lower but unspecified grade. This was done in the early stages of the Falk Metals operations, and is based on the assumption that the ore is a continuous replacement bed. C. S. Robinson reports, on the basis of his later examination, that these figures cannot be substantiated. The original estimates of 2,000 to 3,000 tons are believed to be about right.

Recommendations

In view of the vagueness of the applicants' proposals with regard to exploration and possible utilization of the ore, and in view of the recent field reports available, the applicants should be asked to demonstrate new and significant discoveries as well as a practicable exploration program before further consideration or another field referral is warranted.

M. D. Crittenden, Jr.

March 24, 1953

Mr. L. M. Ray, President
Woodlawn Development Corp.
2220 Louisville Avenue
Monroe, Louisiana

DMEA-2943
Subject: Exploration Assistance
Re: L. Davis Mining Claims

My dear Mr. Ray:

The receipt of your application dated March 16, 1953. for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-2943 and referred to the Iron and Ferro-Alloys Division.

Kindly refer to DMEA-2943 in any future correspondence relating to your application.

Sincerely yours,

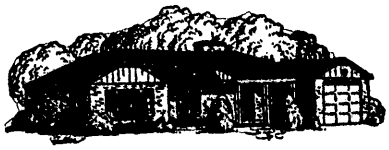
ROBERT E. ADAMS

Robert E. Adams, Chief
Operations Control and
Statistics Division

OFFICE PHONE 3-6621

WOODLAWN DEVELOPMENT
CORPORATION

Choice Residential & Commercial Property



2220 LOUISVILLE AVENUE
Monroe, Louisiana

March 16, 1953

DEPARTMENT OF THE INTERIOR
Defense Materials Administration
MAR 23 1953

Defense Materials Procurement Agency
G. S. A. Building
Washington 25, D. C.

Dear Sirs:

After considerable investigation of claims, and correspondence with the Denver Office of the Bureau of Mines, we have completed the application form MF-103 titled "Application for aid in an exploration project pursuant to DMEA Order-1, under the Defense Production Act of 1950, as amended."

These are submitted in quadruplicate to you for your approval.

Your immediate consideration of this application would be greatly appreciated, as we would like to start exploration in about 60 days or as soon as weather permits.

Yours truly,

WOODLAWN DEVELOPMENT CORPORATION

BY L. M. Ray
L. M. Ray, President

jt

CC: Mr. W. H. King, Executive Officer
224 New Customhouse
Denver, Colorado

Mr. J. H. East, Jr., Regional Director
224 New Customhouse
Denver 2, Colorado

Mr. A. T. Sweet, Metallurgist
224 New Customhouse
Denver, Colorado

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RECEIVED

1953 MAR 23 AM 9 16

OFFICE OF ADMINISTRATOR

ADM.
BR.
STATION 1

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OFFICE OF ADMINISTRATOR

OFFICE PHONE 3-6621

Yo-9

WOODLAWN DEVELOPMENT
CORPORATION

Choice Residential & Commercial Property

2220 LOUISVILLE AVENUE
Monroe, Louisiana

March 21, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
MAR 23 1953

Re: Manganese Mining Claims application
Spring Creek Mining District
Gunnison, Colorado.

Defense Materials Procurement Agency
GSA Building
Washington 25, D.C.

Dear Sirs:

Application form MF-103 and related information was mailed to you from this office and dated March 16,1953.

We are attaching a "new page 5" for the supplementary material. The present pages 5 & 6 of the booklet answering questions under No. 6 on MF-103 form are somewhat confusing as presented there. This new "sheet 5" will clarify that confusion.

Evidently some earlier calculations on the project got mixed up in the final compilation of the form and its attached information sheets.

It would be appreciated if you would include this sheet in the booklet and mark "void" across the face of the present page 5.

Thank you for your consideration.

Yours truly,

WOODLAWN DEVELOPMENT CORP.

by Paul F. Stewart
Paul F. Stewart

ps

CC: Mr. W.H. King, Denver,Colo.
Mr. A.T. Sweet,Denver,Colo.

involving the operation of a large number of draglines, heavy duty tractors, etc., and has also had experience in gravel mining and production. Woodlawn is not particularly familiar with manganese mining, but proposes to hire the best and most reputable mining engineer available to supervise this work.

At this time , we are seriously considering hiring Mr. Tenney C. DeSollar, Mining Engineer of 1160 Lafayette St., Denver 18, Colorado to supervise this exploration. We have made tentative arrangements with this engineer to handle this operation but in the event he is not available when the actual operations take place, we propose to engage the services of another mining engineer.

6. (a) None.

(b) & (c) &(d) on sheet no. 6.

(THIS SHEET NUMBER FIVE IS TO REPLACE THE SHEET NUMBER FIVE NOW IN BOOKLET ATTACHED TO "APPLICATION FOR AID TO AN EXPLORATION PROJECT PURSANT TO DMEA ORDER 1, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED" -- FORM MF-103 AND DATED BY US ON MARCH 16, 1953.)

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Form Approved.
Budget Bureau No. 42-R1035.2.

MAR 23 1953

APPLICATION FOR AID IN AN EXPLORATION PROJECT, PURSUANT TO DMEA ORDER 1, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

Not to be filled in by applicant

Docket No. DMEA-2943
Metal or Mineral
Date Received 3-23-53
Estimated Cost
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: Woodlawn Development Corporation
2220 Louisville Avenue
Monroe, Louisiana
(see also attached sheets)

(*b*) If other than an individual, add to your name above whether a corporation, partnership, etc., and the name of the State in which incorporated or otherwise organized.

(*c*) If a corporation, add to above statement, titles, names and addresses of officers.

(*d*) If a partnership, add to the above statement the names and addresses of all partners.

2. *General.*—Read DMEA Order 1, "Government Aid in Defense Exploration Projects," before completing this application. Submit this application and all accompanying papers in quadruplicate (four copies), with your name and address on each sheet of the application and on all accompanying papers. Where sufficient space is not provided on the form for all required information, state it on an accompanying paper, with a reference in each case to the instruction to which it refers by number. Comply with all applicable instructions; or, if not applicable, so state. File the application with Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest field executive officer thereof.

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract Barium Lode Mining Claims Nos. 1, 2, 3, 4, 5, 6, 7, 8, and 9, all in the Spring Creek Mining District in Gunnison County, Colorado.

(*b*) State any mine name by which the property is known. C. L. Davis Mining Claims (See attached sheets)

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise Owner (See attached sheets)

(*d*) If you are not the owner, submit with this application a copy of the lease, contract, or other document under which you control the property.

(*e*) If you own the land, describe any liens or encumbrances on it See Attached sheets

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice. See attached sheets

4. *Physical description.*—(*a*) Describe in detail any mining or exploration operations which have been or now are being conducted upon the land, including existing mine workings and production facilities. State your interest, if any, in such operations. Also describe accessibility of mine workings for examination purposes. See attached sheets

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades. See attached sheets

(*c*) Describe the geologic features of the property, including mineralization, type of deposit (vein, bedded, etc.), and your reasons for wishing to explore. Illustrate with maps or sketches. Send with your application (but not necessarily as a part of it) any geologic or engineering report, assay maps, or other technologic information you may have, indicating on each whether you require its return to you. See attached sheets

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points. See attached sheets

(*e*) State the availability of manpower, materials, supplies, equipment, water, and power.
See attached sheets

16—66551-1

5. *The exploration project.*—(*a*) State the mineral or minerals for which you wish to explore Manganese and Quartz Crystals

(*b*) Describe fully the proposed work, including a map or sketch of the property showing a plan (and cross sections if needed) of any present mine workings, and the location of the proposed exploration work as related to such features as contacts, veins, ore-bearing beds, etc. See attached sketch

(*c*) The work will start within 60 days and be completed within 8 months from the date of an exploration project contract. See attached sheets

(*d*) State the operating experience and background of the applicant with relation to the ability to carry out such exploration project, and also that of the person or persons who will supervise the operations. See attached sheets

6. *Estimate of costs.*—Furnish a detailed estimate of the costs of the proposed work (you will have to use a separate sheet), under the following headings. Add the totals under all headings to give the estimated total cost of the project:

(*a*) *Independent contracts.*—(Note.—If the applicant does not intend to let any of the work to contractors, write "none" after this item. To the extent that the work is to be contracted, do not repeat the cost of the contract-work in subsequent items.) State the cost of any proposed independent contracts for the performance of all or any part of the work, expressed in terms of units of work (such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, per cubic yard of material moved, etc.). None --- See attached sheets

(*b*) *Labor, supervision, consultants.*—Include an itemized schedule of numbers, classes and rates of wages, salaries or fees for necessary labor, supervision and engineering and geological consultants. See attached sheets

(*c*) *Operating materials and supplies.*—Furnish an itemized list, including items of equipment costing less than $50 each, and power, water and fuel. See attached sheets

(*d*) *Operating equipment.*—Furnish an itemized list of any operating equipment to be rented, purchased, or which is owned and will be furnished by the Operator, with the estimated rental, purchase price, or suggested use-allowance based on present value, as the case may be. See attached sheets

(*e*) *Rehabilitation and repairs.*—Furnish a detailed list showing the cost of any necessary initial rehabilitation or repairs of existing buildings, installations, fixtures, and movable operating equipment, now owned by the Operator and which will be devoted to the exploration project. See attached sheets

(*f*) *New buildings, improvements, installations.*—Furnish a detailed list showing the cost of any necessary buildings, fixed improvements, or installations to be purchased, installed or constructed for the benefit of the exploration project. See attached Sheets

(*g*) *Miscellaneous.*—Furnish a detailed list showing the cost of repairs to and maintenance of operating equipment (not including initial rehabilitation or repairs of the Operator's equipment), analytical work, accounting, workmen's compensation and employers' liability insurance, and payroll taxes. See attached sheets

(*h*) *Contingencies.*—Give an estimate of any necessary allowances for contingencies not included in the costs stated above.

NOTE.—No items of general overhead, corporate management, interest, taxes (other than payroll and sales taxes), or any other indirect costs, or work performed or costs incurred before the date of the contract, should be included in the estimate of costs. See attached sheets

7. (*a*) Are you prepared to furnish your share of the cost of the proposed project in accordance with the regulations on Government participation (Sec. 7, DMEA No. 1)? Yes

(*b*) How do you propose to furnish your share of the costs? See attached sheets

[X] Money [ ] Use of equipment owned by you [ ] Other

Explain in detail on acompanying paper.

CERTIFICATION

The undersigned, whether as an individual, corporate officer, partner, or otherwise, both in his own behalf and acting for the applicant, certifies that the information set forth in this form and accompanying papers is correct and complete, to the best of his knowledge and belief.

Dated March 16, 1953

WOODLAWN DEVELOPMENT CORPORATION
(Applicant)

By L. M. Ray
L. M. RAY, PRESIDENT

2220 Louisville Avenue, Monroe, La.

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—66551-1

Additional information and answers to questions on U. S. Dept. of Interior Form MF-103 entitled

APPLICATION FOR AID IN AN EXPLORATION PROJECT, PURSUANT TO DMEA ORDER 1, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED (MF-103----revised April, 1952)

1. (a) Name of Applicant:
Woodlawn Development Corporation
2220 Louisville Avenue
Monroe, Louisiana

(b) A corporation organized under the laws of the State of Louisiana.

(c) Officers are:
President - L. M. Ray, 2220 Louisville Ave., Monroe, La.
Vice Pres.- Joe Ray, 2220 Louisville Ave., Monroe, La.
Sec.-Treas- Byron Terror, 2220 Louisville Ave., Monroe, La.

(d) Does not apply.

2. General: Woodlawn Development Corp. has purchased all rights and claims of the C. L. Davis Mining Claims on Manganese Peak in Spring Creek Mining District, Gunnison County, Colorado. Woodlawn intends to fully explore and set up necessary facilities for processing the ore or ores found.

Information from previous operators and local interested citizens indicate that the exploration will result in finding satisfactory ore requirements for commercial processing. This information is further intensified by the results of an ore analysis made for Mr. Davis (former owner) by Mr. A.T. Sweet of the Denver Office of the U. S. Department of Interior.

Mr. Sweet stated in his letter-report to Mr. Davis the following information:

"An ore sample which I took from your property for the tests, the assay was 31.4% manganese. This is well above the average for the many samples received by us for test of our western ores.....

"We feel that ore of 18% manganese or above is sufficient for mill feed and from observations on the ground, there appears to be more of this material than has been officially estimated."

On the attached sketch is approximate location of peak from nearest community and peak cut-section showing what is believed to be the formation. Some work on exploration has been done. Work that has been accomplished is shown on the sketch. A pit has been dug on the south side of the peak and its size is approximately 200' x 300' with a face of about 15'. From that pit a shaft extends back into a vein of ore. This shaft or tunnel extends back approximately 200 ft.

One test hole has been drilled at the bottom of this pit. It was extended to another vein of ore through a layer of limestone. The depth of this second vein or strata is unknown.

This exploration work that has been done within the past couple of years, although reasonable extensive, was not carried out in a very thorough or complete manner.

The exploration work proposes is to search for manganese bearing ore and possibly quartz crystals. A small sum of quartz crystals have been found on the site. The work will endeavor to determine if the formation extends the entire distance between the cuts now on the mountain. If the formation is continuous, cuts can be made by bulldozers to get exact widths and correct samples for careful analysis. If the results of this work are satisfactory, then a definite plan of drilling will be worked out so as to determine the extent of the formation of these claims.

Woodlawn Development Corp. realizes that manganese ore formations are very tricky and involve much dtail if accurate results are to be obtained. Only in that way can any reasonable estimate be made of possible tonnage.

Woodlawn has access to necessary earth moving equipment, and other materials, labor, and tools as may be required for such exploration operations. While these tools and equipment are not the property of Woodlawn, they can be quickly and easily secured. (See answer to question 50d later in this application).

When the samples from this exploration are analyzed and bear out that the early analysis was correct, further investigation will be made on ore processing.

From knowledge that Woodlawn Development Corporation has at hand, the nearest processing mill for manganese is at Demming, New Mexico, and that is a government mill. However, Woodlawn Development Corporation feels that unless the ore content is proved higher than the early analysis, a chemical leaching process would be more satisfactory for extracting the metal from the ore.

Woodlawn Development Corporation is acquainted with the "Ammonium Sulfate Process" for extracting the metal from the ore. After it is determined there is sufficient ore, a mill will be set up as soon as is possible. Woodlawn Development Corporation intends to set up a complete mill with a daily capacity of approximately 100 tons of ore per day.

3. Applicant's property rights:

(a) Legal Description: Barium Lode Mining Claims Nos. 1, 2, 3, 4, 5, 6, 7, 8, and 9, all in Spring Creek Mining District in Gunnison County, Colorado.

(b) Other names by which the mine is know: C. L. Davis Mining Claim, Manganese Peak, Spring Creek, Gunnison County, Colorado.

(c) Interest in land: Woodlawn Development Corp. is the owner of the claims, and all titles have been brought up to date.

(d) Does not apply

(e) Liens and encumbrances against claims: These mining claims are encumbered by a First Mortage in the amount of $199,820.00 payable $180.00 per year or $1.00 for each long dry ton of manganese ore concentrate as it is produced.

(f) These claims are unpatented and are recorded in Book 284, Page 537 in the Records of Gunnison County, Colorado.

4. Physical Description:

(a) A portion of these mining claims have been opened and a good grade of manganese obtained from these pits. Samples of this ore were furnished by the U. S. Deptartment of Interior, Bureau of Mines, Rocky Mountain Region IV, Denver, Colorado. The ore assayed 31.4% manganese. It was proven through preliminary tests that this ore would re readily leach and that nothing appears unusual in its metallurgical treatment, and that there is a sizeable deposit of this ore on these claims. This ore is located approximately 15 miles from a railhead and within approximately 6 miles from a good paved highway. The balance of the road to the pits is easily accessible by automobile or truck.

(b) Ore reserves and previous production: There has been a small amount of ore produced from these pits and some of the samples assayed 31.4% manganese. This ore is found in a vein and it is the desire of Woodlawn to explore it because it is more or less certain that there are 200 to 300 thousand tons of ore in this deposit, which has been previously assayed and proven of sufficient grade to warrant production.

(c) Geologic reports, maps, etc: We have no geologic reports or definite maps for submission with this report. However, we are enclosing a general location map for information purposes only. This is to show general area near peak. This map and notes and details thereon are not necessarily correct and the map is not necessarily to scale. This map shall in no way be construed to be an accurate map of mining claims. The sketch was made from one person's visit to locality and to mining claims. Information noted thereon was obtained from past operators, interested nearby residents, and notes and records.

(d) Accessibility of Project: These mining claims are readily accessible. They are approximately 15 miles from a railhead and approximately 6 miles from a good paved highway. The balance of the road is easily accessible to automobiles and trucks. It is within 15 miles of a small community and approximately 25 miles from Gunnison, Colorado.

(e) Availiability of manpower, materials, supplies, etc: From preliminary investigations, it is found that there is sufficient manpower available locally. Materials and supplies can be secured from Gunnison and Denver. Woodlawn has easy access to sufficient operating equipment to perform this work. There is ample water supply in Spring Creek which flows at the foot of Manganese Peak, where the claims are located. There is some electrical power available within about 6 miles of the pits.

5. Exploration Project:

(a) Manganese and quartz crystals are the minerals for which Woodlawn wishes to explore.

(b) Describe fully the proposed work, etc: Refer to information in section two titled "General" information. There has been some mine working for the past two seasons, but with no great degree of thoroughness. Woodlawn proposes to explore the peak to determine if the strata of ore is a continuous through vein. This will be done by the use of earth moving machinery and necessary drilling as mentioned in preceeding paragraphs. Sufficient samples will be taken for analysis to make a more exacting appraisal on the estimated tonnage of the ore present.

(c) Work will start within 60 days and be completed within eight months from the date of the exploration contract.

(d) The President of this corporation is also president and majority stockholder of Associated Contractors, Inc. who are at present actively engaged in highway, levee and drainage construction, moving and hauling large quantities of earth

involving the operation of a large number of draglines, heavy duty tractors, etc., and has also had experience in gravel mining and production. Woodlawn is not particularly familiar with manganese mining but propose to hire the best and most reputable mining engineer available to supervise this work. At this time we are seriously considering hiring Mr. Tenney C. DeSollar, Mining Engineer of 1160 Lafayette St., Denver 18, Colorado to supervise this exploration. We have made tentative arrangements with this engineer to handle this operation but in the event he is not available when the actual operations take place, we propose to engage the services of another mining engineer of Denver, Colorado.

6. (a) None

(b)

1 TD International Bulldozer, or equal, 10 hours per day fully operated, for 90 days @ $12.00 per hour	$10,800.00
1 Model 34 Lima Paymaster Dragline, or equal, 10 hours per day, fully operated, for 90 days @ $12.00 per hour	10,800.00
Freight on above two pieces of equipment $500.00 per machine, each way	2,000.00
2 Core Drilling Machines	--------
1 TD-9 International Tractor, fully operated (crawler type tractor) y months - 10 hours per day @ $6.00 per hour	10,800.00
1 Graduate engineer as superintendent of the work salary and expenses - 6 months @ $800.00	4,800.00
1 Mining Engineer - salary and expenses - 6 months @ $800.00	4,800.00
1 1½-ton Service Truck - 6 months @$400.00 per month, fully operated	2,400.00
1 1½-ton Pick-Up Truck - 6 months, fully operated @ $250.00 per mohth	1,500.00
1 4-wheel drive Jeep, fully operated 6 months @ $250.00 per month	1,500.00
1 Crew - 6 laborers 10 hours per day for 6 months @ $1.25 per hour	13,500.00

7. (a) Yes

(b) Use of equipment owned by us and cash

(b) & (d): Labor, supervision, operating equipment, etc: All below sums are based on a 10 hour working day and a 6 day working week, making a total of 60 hours. 40 of these hours are figured as straight time and 20 are figured as overtime.

One -- TC International Bulldozer, fully operated for $12.00 per hour. 90 working days (15 weeks) 40 hrs. @ $12.00 and 20 hrs. @ $18.00 for 90 working days (15 weeks)	$ 12,600.00
One Lima Paymaster Dragline, Model 34, fully operated for $12.00 per hour. 90 working days (15 weeks) 40 hrs. @ $12.00 & 20 hrs. @ $18.00 for 90 working days (15 weeks)	12,600.00
Freight on above two pieces of equipment, $500 per machine each way	2,000.00
Two Core drilling rigs, fully operated for approximately $10.00 per hour. 96 working days (16 weeks) 40 hours @ $10.00 and 20 hours @ $15.00 for 96 working days (16 weeks)	11,200.00
One TD-9 International Tractor (Crawler type), fully operated for $6.00 per hour. 150 working days (25 weeks) 40 hours @ $6.00 and 20 hours @ $9.00 for 150 working days (25 weeks)	10,500.00
One Pick-Up truck for supervisor at $250.00 per month for 8 months	2,000.00
One 1½-Ton Service Truck with driver and fully operated for seven months at $500.00 per month	3,500.00
One 4-Wheel Drive Jeep, fully operated for seven months at $250.00 per month	1,750.00
One 1½-Ton Pick-Up Truck, fully operated for six months at $250.00 per month	1,500.00
One Graduate Engineer as Superintendent of the work; salary and expenses for six months at $800.00 per month	4,800.00
One Mining Engineer; salary and expenses for eight months at $800.00 per month	6,400.00

One crew of six laborers for six months at $1.25 per hour. Total of 150 working days (25 weeks) $ 14,580.00

Total Estimated $ 83,430.00

(c) Operating materials and supplies: In addition to that listed above, the following and their estimated values:

Hand tools	$ 500.00
Small power plant	750.00
Water Pump (water from nearby stream)	500.00
Picks, Shovels, hose, etc.	1,000.00
(Fuel for all equipment is included in equipment costs)	0.00
Total Estimated	$ 2,750.00

(e) Repairs to existing buildings, improvements, etc: No apparent repairs on existing structures at or near the site are needed. The mountain lodge near the peak is owned by Woodlawn and can and will serve as office for the project as well as possible on site living quarters for engineers. No repair is contemplated for this structure. Other minor temporary structures are on or near the site and can beused in various capacities.

Total estimated $ 0.00

(f) No new buildings are contemplated to be constructed for this project, as existing facilities will suffice.

Total estimated $ 0.00

(g) Miscellaneous: Workmen's Compensation Insurance, Payroll Taxes, etc: The items previously listed as "fully operated" are not considered below. These estimates are for labor not thus far covered.

(Acct., Engineers, Laborers, total of $26,100.00)	
Workmen's Compensation Ins. - 8%)	
Payroll Taxes -4½%)	$ 3,262.50
Accountant & Bookkeeper for 8 months	
Salary and expenses $400.00 per month	3,200.00
Misc. office expenses @ $100.00 per mo.	800.00
Total Estimated	$ 7,262.50

(h) Contingencies: Items not listed or classified or noted elsewhere:

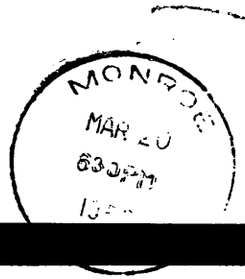
Telephone	$ 500.00
Travel	2,000.00
Legal Fees	500.00
Misc. Items and Expenses	1,000.00
Total Estimated	$ 4,000.00

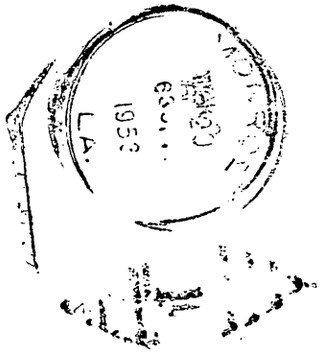
Total Estimated Cost of all items including those under the headings -- a, b, c, d, e, f, g, h, is $ 97,442.50

NOTE: All these above items are the maximum expected expenses. It is quite likely that many of these items may be reduced in cost when operation is set up; the reduction being the result of good workable weather, supervision, or when sufficient ore reserves are proven as far as the exploration is concerned. These estimated costs are the costs to be expended, and the loan is requested only on the amount necessary for the exploration.

7. Woodlawn is prepared to furnish its share of the costs in money. See also above information under various headings.

CLASS





FROM

WOODLAWN DEVELOP.
CORPORATION
2220 LOUISVILLE
MONROE, LOUISIANA

TO

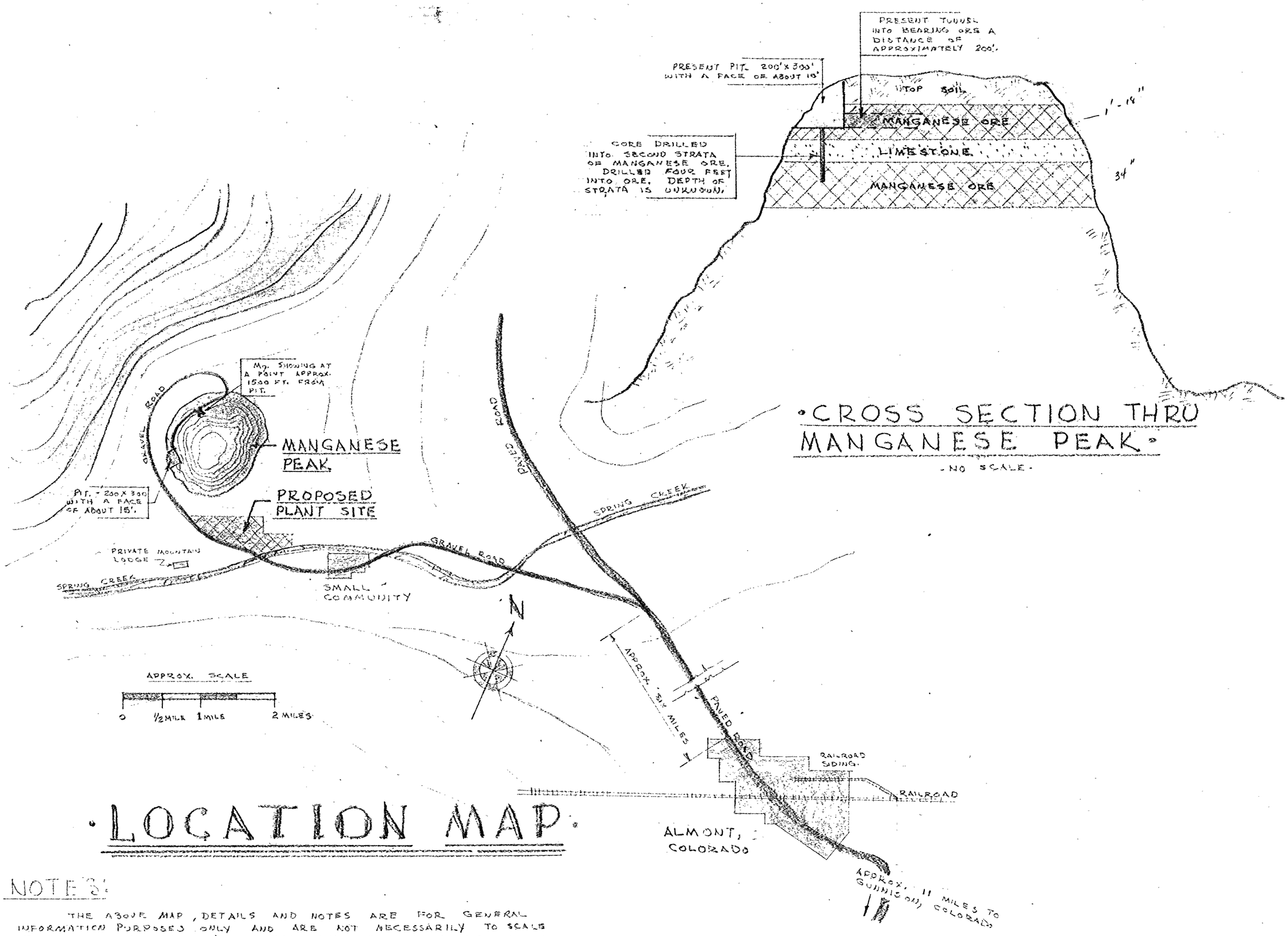
DMEA

DEFENSE MATERIALS
PROCUREMENT AGENCY

G. S. A. BUILDING
WASHINGTON 25, D. C.

1 cy of map enclosed
2-24-53

WILSON JONES
ANCHOR CLASP
H 110 12 x 15½
MADE IN U. S. A.



CROSS SECTION THRU MANGANESE PEAK

- NO SCALE -

LOCATION MAP

NOTES:

THE ABOVE MAP, DETAILS AND NOTES ARE FOR GENERAL INFORMATION PURPOSES ONLY AND ARE NOT NECESSARILY TO SCALE OR COMPLETELY CORRECT. THESE SHALL NOT BE CONSTRUED TO BE IN ANY SENSE AN ACCURATE MAP OF MINING CLAIMS.

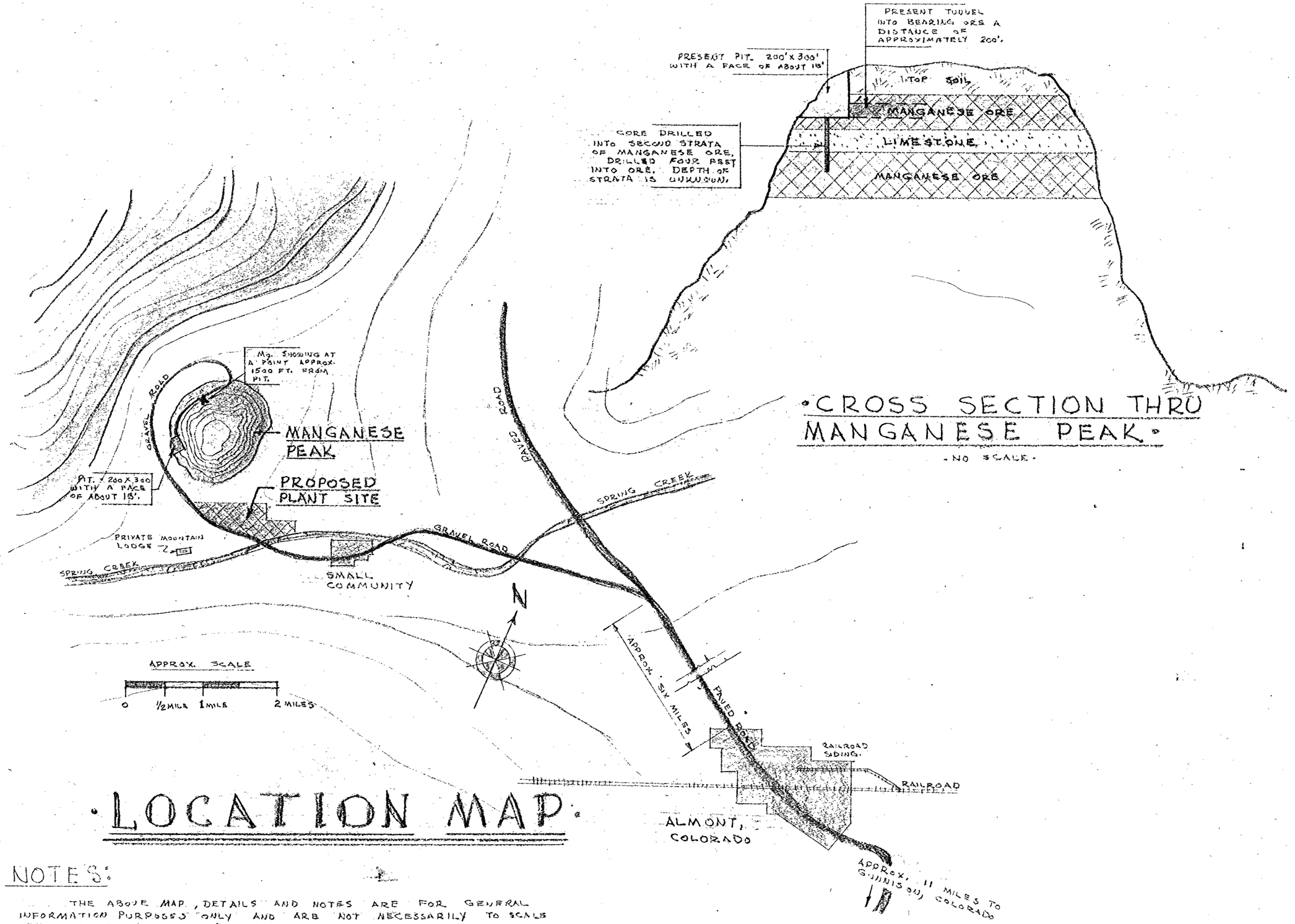
THIS SKETCH IS MADE FROM MEMORY OF ONE PERSON'S VISIT TO LOCALITY AND MINING CLAIMS. INFORMATION NOTED HERE WAS OBTAINED FROM PAST OPERATORS, INTERESTED NEARBY RESIDENTS, AND NOTES AND RECORDS.

SITE MAP OF BARIUM LODE MINING CLAIMS 1 THRU 9

SPRING CREEK MINING DISTRICT

GUNNISON COUNTY, COLORADO

DRAWN BY: P.F.S.	WOODLAWN DEVELOPMENT CORP.	DATE: MARCH, 1953
APPROVED BY: L.M.R.	MONROE, LOUISIANA	



·LOCATION MAP·

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