cw

400

Docket
Martin
Hoff
Selfridge
Ferguson

1956

Mr. Paul J. Bertelsen
Garth Road
Charlottesville, Virginia

Re: Docket No. DMEA-3998, Manganese
Ramsey Mountain prospect
Augusta County, Virginia

Dear Mr. Bertelsen:

By letter of December 5, 1955, the Executive Officer, DMEA Field Team, Region V., advised you of the additional information required in order to process your application for exploration assistance. The Field Team's letter of July 11, 1956, again requested this same information.

Inasmuch as no reply has been received to either of the above-mentioned letters, we presume that you are no longer interested in the proposed exploration project. We are, therefore, considering your application as having been withdrawn and are closing our docket in the matter.

Sincerely yours,

C. O. Mittendorf

Administrator

cc: Docket
Code 400
Oper. Comm.
Adm. Read. File
T. Kiilsgaard, USGS
H. T. Reno, USBM
FT, Region 5

LScott/ls
8/15/56

Docket
Martin
Holt

August 15, 1956

MEMORANDUM

To: Chief, Operations Control and Statistics Division

From: Chief, Iron and Ferro-Alloys Division

Subject: Withdrawal of Docket No. DMEA-3998, Manganese
Paul J. Bertelsen
Ramsey Mountain prospect
Augusta County, Virginia

On December 5, 1955, the subject applicant was requested to furnish additional data to enable further processing of his application. To date these date have not been received, although the Field Team's letter of July 11, 1956, informed the applicant that unless same were received within 30 days, we would presume that he no longer was interested in the proposed exploration.

Accordingly, it is recommended that the application be withdrawn from the active files and the docket closed.

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

cc: Docket
Code 400
Adm. Read. File

LScott/ls

Docket

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 18 POST OFFICE BLDG.
WASHINGTON 25, D.C.
KNOXVILLE 2, TENN.

RECEIVED
AUG 15 1956

August 13, 1956

Memorandum

To: Operating Committee - DMEA - Washington, D. C.

From: Field Team - DMEA - Region V - Knoxville, Tennessee

Subject: Docket No. DMEA-3998 (Manganese
Paul J. Bertelsen, Charlottesville, Virginia
Ramsey Mountain prospect, Augusta County, Virginia

On July 11, 1956 we wrote to the Applicant, again requesting additional information previously requested on December 5, 1955.

No reply to that letter has been received. As more than 30 days have passed, we suggest that the Applicant be notified that the docket is closed.

Robert A. Laurence
Robert A. Laurence
Executive Officer

V. J. Lynch
V. J. Lynch
Member, Bureau of Mines

Docket

July 11, 1956

Mr. Paul J. Bertelsen
Garth Road
Charlottesville, Virginia

Re: DMEA-3998 (Manganese)
Ramsey Mountain Prospect
Augusta County, Virginia

Dear Mr. Bertelsen:

On December 5, 1955, I wrote to you requesting additional data which were required for further consideration of your application. To date, I have received no reply.

We wish to cooperate with you in the matter of allowing ample time for the submission of the information required to process your application, but if the needed data have not been received within 30 days from the date of this letter, we will presume that you are no longer interested in the proposed exploration contract and will then consider the docket closed.

Very truly yours,

Robert A. Laurence
Executive Officer, DMEA
Region V

RAL/zm
cc:
Opr. Com.-2
Millar
Lynch
Files

RECEIVED
JUL 13 1956

Copy Retained 400

400

Docket

Chapman
Hoff
Selfridge
Kipman
Whitehead

Mr. Robert A. Laurence, Executive Officer
DMEA Field Team, Region V
Room 13, Post Office Building
Knoxville 2, Tennessee

Re: Docket No. DMEA-3998, Manganese
Paul J. Bertelsen
Ramsey Mountain Prospect
Augusta County, Virginia

Dear Mr. Laurence:

Reference is made to your letter of December 5, 1955, to Mr. Paul J. Bertelsen, requesting further information on the subject property. To date we have not received any further information on the subject matter.

We believe it would be advisable for you to write a follow-up letter to Mr. Bertelsen advising him that unless a reply is received from him within 30 days we will presume he is no longer interested in the proposed exploration project. Accordingly, we will consider his application as having been withdrawn and will close our docket in the matter.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (GCS)

APPROVED:

/s/ Robert W. Geehan (GCS)
Member, Bureau of Mines

Thor H. Kiilsgaard (GCS)
Member, Geological Survey

cc: Docket
Code 400
Oper. Comm.
Adm. Read. File
T. Kiilsgaard, USGS
G. DeHuff, USBM
FT, Region V

TLChapman/ls
7/6/56

3998 - Mn

~~1/15/56~~

Paul Bertelson

11/30/55--We tell FT to tell Bertelson to submit amended appl'n with data on trenches, boundaries, maps, cost estimates, etc.

2/28 tcwsm 3/26-Mr. Martin says to bring this docket back in a month for f-up.

4/26 - Returned to WSZ
3/14 - " " " "
6/2 - " " " - wait till July

3/26/56

7 up 4/30 ~~5/4~~ ~~5/10~~ ~~5/31~~ 5/31

Mr. Martin:

April 1 is just around the corner - so if Bertelsen expects to work this summer, he had best get going on collecting maps, etc. so he can get them to us by May 1, so we can examine the property and come to a decision maybe by August 1.

ls

This is another one not to push. Please bring it back in a month

4/26 Mr M says bring back 2 weeks.
5/10/56 Wait till after the hearings—

1956 Feb. 23

Mr. Martin:

How long shall we hold the Bertelson case open?

On 12/2/55 we told FT to write Bertelson he must submit amended application with data on trenches, boundaries, maps, cost estimates, etc., or no consideration of his request. The FT wrote Bertelson on 12/5/55.

If we jog Bertelson's memory now that he has had about 3 months to collect the data, we could give him 30 or 60 days to write us and say what his intentions may be.

ls

Give this another month - Otherwise we'll hear about snow and long winter etc

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 1 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

Docket

December 5, 1955

RECEIVED
DEC - 7 1955

Mr. Paul J. Bertelson
Garth Road
Charlottesville, Virginia

Re: DMEA-3998 (Manganese)
Ramsey Mountain Prospect
Augusta County, Va.

Dear Mr. Bertelson:

About a month ago, our field examiners visited the Ramsey Mountain Prospect with you, for the purpose of evaluating your proposal for DMEA assistance.

Their report indicates that they discussed with you what was needed to properly evaluate the proposal, and that you agreed to do the following work:

1. Establish property boundaries on the ground.

2. Establish and map approximate geologic contacts (especially the Shady-Erwin contact).

3. Complete enough prospecting work to indicate the possibility of a manganese deposit on the property.

4. Spot on the map and also on the ground the positions of proposed holes, trenches, or test pits.

5. Furnish estimates of yardage to be moved in trenches and footage and kind of drilling to be done.

6. Obtain bids for drilling and rental rates for bulldozer and other equipment.

When this additional information is available, we will be glad to consider your amended application.

Very truly yours,

Robert A. Laurence, Executive Officer
DMEA Field Team, Region V

RAL/sm.
cc: Lynch
Millar, Pavlides
Files
Opr. Com.-2

DOCKET
Surname:
Chapman
Martin
Selfridge
J. Brown
Mittendorf

400

DEC - 2 1955

Mr. Robert A. Laurence, Executive Officer
DMEA Field Team, Region V
Room 13, Post Office Building
Knoxville 2, Tennessee

Re: Docket No. DMEA-3998, Manganese
Paul J. Bertelson
Ramsey Mountain Prospect
Augusta County, Virginia

Dear Mr. Laurence:

Reference is made to your memorandum of November 14, 1955, and memorandum of November 9, 1955, by Louis Pavlides, and William P. Williams, Geological Survey, and Harry L. Burmeister, Bureau of Mines, concerning the subject property.

According to the memorandum of the Field Team, Mr. Bertelson has agreed to submit an amended application after performing the following work:

1. Establish property boundaries on the ground.
2. Establish and map approximate geologic contacts.
3. Complete enough prospecting work to indicate the possibility of a manganese deposit on the property.
4. Spot on the map and also on the ground positions of proposed trenches, holes, or test pits.
5. Furnish estimates of yardage to be moved in trenches, and footage and kind of drilling.
6. Obtain bids for drilling and rental rates for bulldozer and other equipment.

If you have not already done so, we believe you should confirm the above items in writing to the applicant.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee

Approved:

/s/ Robert W. Geehan
Member, Bureau of Mines

Thor H. Kiilsgaard
Member, Geological Survey

cc: Docket
Code 400 ~~(2 cc)~~
Oper. Comm.
Adm. Read. File
T. Kiilsgaard, USGS
G. DeHuff, USBM
FT, Reg. 5

TLChapman/ls 11/30/55

Docket

RECEIVED
NOV 28 1955

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

November 25, 1955

Memorandum

Copy retained 400

To: W. S. Martin, DMEA

WSM

From: G. L. DeHuff, Jr., Commodity Specialist, Branch of Ferrous Metals and Ferroalloys GLD

Subject: DMEA 3998. Manganese. Paul J. Bertelson

The Field examiners by report of November 9, 1955, have recommended that the applicant provide certain information and do certain work, including prospecting, preparatory to submission of a revised application.

The present application is in the amount of a total estimated cost of $10,950, to explore for manganese applicant's leased property in Augusta County, Virginia. The property is known as the Ramsey Mountain prospect and is located approximately one and one-half miles northeast of Waynesboro.

Because the additional information and work requested is necessary before consideration can properly be given to an application for exploration aid, I concur with the recommendation.

G. L. DeHuff, Jr.

G. L. DeHuff, Jr.

IN REPLY REFER TO:

Docket

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

RECEIVED
NOV 21 1955

November 18, 1955

Re: DMEA 3998
Paul J. Bertelson
Ramsey Mountain
Augusta County, Va.
$10,950.00 - Manganese

Memorandum

WSM

To: W. S. Martin, Defense Minerals Exploration Administration

From: N. E. Nelson, U. S. Geological Survey

Subject: Review of Field Team report.

The applicant requested assistance in doing trenching, test pitting, and drilling.

On inspection the examiners found that the applicant had insufficient knowledge of the property to be explored to show the boundaries of the tract and the test pits. It was therefore not possible to appraise the application in more than a very general way.

The examiners concluded that the structural setting probably is roughly similar to that at the Crimora mine, and have asked for more definitive data in support of that opinion. If supplementary information is furnished a revised application will receive consideration.

I agree with the proposal of the Field Team.

N. E. Nelson

N. E. Nelson

Copy retained 400

Docket

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~KNOXVILLE, TENNESSEE~~
KNOXVILLE, TENNESSEE

RECEIVED
NOV 16 1955

November 14, 1955

Memorandum

WSay

To: Operating Committee - DMEA - Washington

From: DMEA Field Team, Region V

Subject: Examination Report - DMEA-3998, Paul J. Bertelson, Ramsey Mountain Prospect, Augusta County, Virginia - Mn.

In-Site Rpt

Enclosed are copies of the field examination of subject property.

We agree with the field examiners that a revised application should be submitted after additional prospecting has been done.

Robert A. Laurence

Robert A. Laurence
EXECUTIVE OFFICER
DMEA REGION V

V. J. Lynch

V. J. Lynch, Member
Bureau of Mines

Reviewed by
DMEA OPERATING COMMITTEE
11/18/55
(Date)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
U. S. Geological Survey Bldg.
Agricultural Research Center
Beltsville, Maryland

RECEIVED
NOV 16 1955

November 9, 1955

Reviewed by
DMEA OPERATING COMMITTEE
11/18/55
(date)

Memorandum

To: R. A. Laurence
Executive Officer
D.M.E.A. Field Team, Region V

From: Louis Pavlides, U. S. Geological Survey L. P.
William P. Williams, U. S. Geological Survey W.P.W.
Harry L. Burmeister, U. S. Bureau of Mines H.L.B.

Subject: D.M.E.A. 3998
Paul J. Bertelsen
Ramsey Mountain Prospect
Augusta Co., Virginia

The subject property was visited on Nov. 7 by H. L. Burmeister, U. S. Bureau of Mines and Louis Pavlides and W. P. Williams, U. S. Geological Survey. The Field Team was guided by the applicant, Mr. Paul J. Bertelsen.

Mr. Bertelsen was unable to locate either his property boundaries or the prospect pits he claims to have dug, and had no idea as to the location on the ground of the trenches and drill sites he has plotted on his sketch map. Furthermore, although geologic reconnaissance has been carried on by the applicant's geologist, the sketch map of the proposed exploration program does not show even the approximate contact between the Erwin quartzite and the Shady residuum; information which is essential in planning the layout of the trenching or drilling program. Cost estimates could not be appraised lacking knowledge as to the approximate location of trenches and drill sites on the ground and their relationship to the terraine.

Upon questioning, the applicant freely admitted that the results of his test pits were discouraging and "negative" since only sparse limonite-type nodules had been encountered rather than manganese lumps. Although the structural setting of the subject property is roughly comparable to that of the Crimora mine, namely, a syncline, the applicant has agreed that prospecting is necessary to evaluate the possibility of manganese being present to justify exploration. He has agreed to perform the following work:

1. Establish property boundaries on the ground.

2. Establish approximate geologic contacts and mark them on the map.

3. Do prospecting work indicating there is a possibility of a manganese deposit on the property.

4. Spot on the map and also on the ground where the trenches, holes, or test pits are to be dug.

5. Furnish estimates of yardage to be moved in trenches, and footage and kind of drilling.

6. Furnish bids for drilling and rental rates for bulldozer and other equipment.

The applicant has stated that he will forward this additional information to Mr. Laurence, which will result in a revised application. The applicant is still without the owners consent to lien and as yet has not offered a suitable substitute such as a third party guarantee or a performance bond. He was advised to try to clear this matter up by the time he submitted his revised program.

400

DOCKET
Surname:
Martin
Geker
Selfridge

OCT 17 1955

Mr. Paul J. Bertelsen
Garth Road
Charlottesville, Virginia

Re: Docket No. DMEA 3998, Manganese
Ramsey Mountain Prospect
Augusta County, Virginia

Dear Mr. Bertelsen:

The above-docketed application for exploration assistance has been reviewed by the Iron and Ferro-Alloys Division of the Defense Minerals Exploration Administration and referred to Mr. Robert A. Laurence, Executive Officer, DMEA Field Team, Region V, Room 13, Post Office Building, Knoxville 2, Tennessee, for a field examination of the property.

Any assistance that you can give the members of the Field Team will be appreciated.

In the event that the examination and our review results in a recommendation for a contract, it will be necessary to obtain an Owner's Consent to Lien, or, in lieu thereof, an acceptable third party guaranty or a performance bond.

Sincerely yours,

Frank E. Johnson

Acting Administrator

Copy to: FT, Reg. V
Docket
Code 400
Adm. Read. File
Oper. Comm.
T. Kiilsgaard, USGS
G. DeHuff, USBM

TLChapman/WSMartin/ls
10/14/55

P.C.S.

400

DOCKET
Surname:
Chapman
Martin
DeHuff

Mr. Paul J. Bertelsen
Garth Road
Charlottesville, Virginia

Re: Docket No. DMEA 3998, Manganese
Yount, Felter, & Swann properties
Ramsey Mountain Prospect
Augusta County, Virginia

Dear Mr. Bertelsen:

The above-docketed application for exploration assistance for manganese ores has been reviewed by the Iron and Ferro-Alloys Division of the Defense Minerals Exploration Administration and referred to Mr. Robert A. Laurence, Executive Officer, DMEA Field Team, Region V, Room 13, Post Office Building, Knoxville 2, Tennessee, for a field examination of the property.

Any assistance that you can give the members of the Field Team will be appreciated.

Sincerely yours,

Acting Administrator

CC: FT, Region V

Docket
Code 400
Adm. Read. File
Oper. Comm.
T. Kiilsgaard, USGS
G. DeHuff, USBM

TLChapman/ls 10/7/55

400

DOCKET
Surname:
Martin
Selfridge
Johnson

OCT 17 1955

Mr. Robert A. Laurence, Executive Officer
DMEA Field Team, Region V
Room 13, Post Office Building
Knoxville, Tennessee

Re: Docket No. DMEA 3998 - Manganese
Paul J. Bertelsen
Ramsey Mountain Prospect
Augusta County, Virginia

Dear Mr. Laurence:

The above-docketed application for exploration assistance is being referred to your office for a field examination of the property.

Copies of memoranda dated October 4 and October 10, 1955, by N. E. Nelson, Geological Survey, and G. L. DeHuff, Jr., Bureau of Mines, respectively, relating to the project, are enclosed for your information.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (WB)

Enclosures

APPROVED:

/s/ Robert W. Geehan (WB)
Member, Bureau of Mines

Thor H. Kiilsgaard (WB)
Member, Geological Survey

cc: Docket
Oper. Comm.
Code 400
Adm. Read. File
T. Kiilsgaard, USGS
G. DeHuff, USBM
Field Team, Reg. V

TLChapman/WSMartin/ls
10/14/55

RCB.

DOCKET
Surname:
Chapman
Martin
DeHuff

Mr. Robert A. Laurence, Executive Officer
DMEA Field Team, Region V
Room 13, Post Office Building
Knoxville, Tennessee

Re: Docket No. DMEA 3998 - Manganese
Paul J. Bertelsen
Yount, Pelter & Esmann properties
Ramsey Mountain Prospect
Augusta County, Virginia

Dear Mr. Laurence:

The above-docketed application for exploration assistance is being referred to your office for a field examination of the property.

Two copies of a relevant memorandum dated October 4, 1955, by N. E. Nelson, Geological Survey, are enclosed for your information.

Sincerely yours,

Chairman, Operating Committee

Enclosures

APPROVED:

Member, Bureau of Mines

Member, Geological Survey

cc: Docket
Oper. Comm.
Code 400
Adm. Read. File
T. Kiilsgaard, USGS
G. DeHuff, USBM
Field Team, Reg. V

TLChapman/ls
10/7/55

P.S. - Also enclosed are two copies of a memorandum dated October 10, 1955, by G. L. DeHuff, Jr., U. S. Bureau of Mines.

Docket

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

October 10, 1955

Memorandum

Copy retained 400

To: W. S. Martin, DMEA

From: G. L. DeHuff, Jr., Commodity Specialist, Branch of Ferrous Metals and Ferroalloys

WSM

Subject: DMEA-3998. Manganese. Paul J. Bertelsen

Application is made for aid to explore for manganese applicant's leased property, located in Augusta County, Virginia, approximately one and one-half miles northeast of Waynesboro. Total estimated cost is $10,950.

There apparently has been no production from the property. Applicant is cleaning out several old test pits and is digging three new ones. The exploration program for which aid is requested consists of digging 24 bulldozer or backhoe trenches, sinking test pits, and drilling 15 churn or bucket drill holes.

Within the last three years, applicant has been associated with manganese mining operations at the Mineral Ridge Mine, Shenandoah and Frederick Counties, Va. (Old Dominion Manganese Co.), and more recently with the reclamation of old manganese tailings at the Crimora mine (Va. Ore Corporation).

It is to be noted that lessors are not willing to provide owner's consent to lien.

The location of the property with respect to the old Crimora mine, its geology and showings of manganese nodules as described by applicant's geologist, suggest that a field examination should be made provided ownership difficulties do not present an insurmountable barrier.

G. L. DeHuff, Jr.

G. L. DeHuff, Jr.

Docket

IN REPLY REFER TO:

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

RECEIVED

October 4, 1955

Re: DMEA 3998
Paul J. Bertelsen
Ramsey Mountain Prospect
Augusta Co., Virginia
$10,950.00 - Manganese

Copy retained 400

WSM

Memorandum

To: W. S. Martin, Defense Minerals Exploration Administration

From: N. E. Nelson, U. S. Geological Survey

Subject: Review of application.

I have no other information than that quoted from Bulletin No. XVII of the Virginia Geological Survey.

The inferences of the geologist of the applicant appear reasonable, but an independent appraisal should be made.

Referral to the Field Team is recommended.

N. E. Nelson

N. E. Nelson

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

RECEIVED OCT 10 1955

Not to be filled in by applicant

Docket No. DMEA-3998
Metal or Mineral Manganese
Date Received 9/30/55
Estimated Cost $10,950.00
Participation (Government %)

INSTRUCTIONS

Ch'ville 3-0264

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:

Paul J. Bertelsen
Garth Road
Charlottesville, Virginia.

(*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

See leases attached

(*b*) State any mine name by which the property is known. None

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise Lessee

(*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. Copies of leases attached

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

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

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.

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

(*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.

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

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

16—66551-1

Power is available close at hand from REA (See geologist's report.)

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

(*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.

(*c*) The work will start within 10 days and be completed within 6 months from the date of an exploration project contract.

(*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.

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.).

(*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.

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

(*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.

(*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.

(*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.

(*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.

(*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.

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)?

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

[*] 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 September 20, 1955.

Tarry T. Fertelsen
(Applicant)

By

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

4. Physical description. -

a. Some old test pits or hand mining pits are being cleaned out for observation and three new test pits are being dug to assist in determining the location of proposed trenches.

b. No past or present production, ore reserves unkown.

c. See geologists report attached. The reason for wishing to explore is that in my opinion and in that of my geologist the property appears to be a location having favorable indications of the presence of a major manganese ore body.

d. See geologist's report.

5. The exploration project. -

b. It is proposed to dig 24 bulldozer or backhoe trenches along the flanks of the synclines and where desirable to sink test pits in the bottoms of the trenches.
It is also proposed to drill 15 churn or bucket drill holes along and across the strike of the synclines in order to determine the cross section, to locate the Shady dolomite and Erwin quartzite and to aid in estimating the ore reserves.
It is proposed to sample thoroughly all ore uncovered and to assay all samples for manganese and some for iron, silica plus alumina and phosphorous.
See attached map.

d. I am a graduate of the Massachusetts Institute of Technpology, have had several years experience in mining and ore dressing including 5yrs. experience in manganese mining & processing. Until recently, I was General Manager of the Virginia Ore Corporation, operators of the well known Crimora mine. I am a member of the Industry Advisory Committee to the Office of Minerals Mobilization. I will supervise the exploration project and have an able geologist as a consultant.

6. Estimate of costs. -

a.	24 Bulldozer or backhoe trenches	@ $150	$3,600
	24 Test Pits	@ 50	1,200
	15 Churn or bucket drill holes 1000'	@ 3	3,000
b.	Supervision		1,500
	Geologist-Consultant		300
	Assays 150 determinations	@ 4	600
c.	None		
d.	Gasoline driven pump (for dewatering)		450
e.	None		
f.	Field Office		300
g.	None		
h.	None		
			$10,950

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RAMSEY MOUNTAIN MANGANESE PROPERTY

Augusta County, Virginia.

William Phillips
Geologist

September 1955

REPORT ON RAMSEY MOUNTAIN MANGANESE PROPERTY

LOCATION:
The Ramsey Mountain manganese property which consists of Lease "A", the Yount property containing 345 acres and Lease "B", the Swann property containing 58 acres is located about one and one-half miles northeast of Waynesboro, Virginia, about two miles southeast of the town of Dooms and about four miles south of the Crimora mine. The property can be reached by motor car from either the Jarmans Gap Road, the Calf Mountain Road or the Blue Ridge Chapel Road.

GEOLOGY: The following is quoted from VIRGINIA GEOLOGICAL SURVEY Bulletin No. XVII - Manganese Deposits of the West Foot of the Blue Ridge, Virginia:

" AREA BETWEEN CRIMORA MINE AND BASIS CITY"

"Although the mountain front in this area is fairly straight and continuous, the structure is complicated by minor folding, especially in the portion west of the front. South of the Crimora mine the mountain front trends southwest to a small offset opposite Turk Mountain, beyond which the trend is due south to the latitude of Basis City except for a small reentrant valley along Saw Mills Run, which makes a local break in the continuous front. The westernmost foothills of the Blue Ridge are composed of the white Erwin quartzite. Saw Mill Ridge and Ramsey Mountain form the main ridge of this white quartzite, and outcrops of the rock on their west slopes dip 50°W. toward the valley, under the Shady dolomite and other limestone and shales which underlie the Shenandoah Valley. These calcareous beds are not exposed near the foot of the mountains because of the thick covering of quartzite wash and gravel, sand and clay from the mountain slope.

West of Saw Mill Ridge there is a low, narrow hill whose anticlinal character is well shown on the road up Saw Mill Run from Dooms, where the dips of the uppermost quartzite beds of the Erwin show that the anticline plunges south. The narrow valley between this hill and Saw Mill Ridge is therefore synclinal and incloses Shady dolomite above the quartzite. Manganese ore was mined on the Watt property in this syncline many years ago. The workings consisted of several shafts, mostly south of the run. The mine was operated in 1886 or 1887, and has since been abandoned although some drilling has recently been done on the property. The ore was not seen in place, but on the dump are found chiefly psilomelane with some mahganite in concentric layers. Yellow sandy clay is associated with the ore and is enclosed in some pockets in the ore.

[1] This bulletin was published in 1919.

A low ben[illegible] that extends westward 1 mile from the west side of Ramsey Mountain is made up of several narrow north-south hills with shallow saddles between them. Although no outcrops from which the dip of the rocks could be determined were seen on these hills, they are covered with angular quartzite fragments approximately in place, and the hills are believed to be small anticlines in which only the uppermost layers of the Erwin quartzite are exposed and which plunge steeply to the north, toward Sawmill Run and less steeply to the south. Between the south ends of these hills are small embayments which are structurally synclinal troughs, and two of them are sufficiently deep to inclose the overlying Shady dolomite or its residual clay, as fragments of chert derived from the dolomite were found in the alluvial fill of the valleys.

Southwest of Ramsey Mountain, across an alluvium-filled valley three-fourths of 1 mile wide, is a group of low hills including a higher one called Bear Mountain. These are also quartzite hills, and although they are covered with angular fragments of quartzite and cemented breccia, no rock ledges from which the structure could be determined were seen. These hills also are believed to be anticlinal in structure and to be made up of several low anticlines in which only the uppermost quartzite beds of the Erwin are exposed at the surface. Between the individual hills are several small valleys or hollows, presumably occupying synclines, some of which may contain Shady dolomite. Those on the north and east sides merge with the embayments on the south side of the quartzite hills to the north, which are known to contain chert residual from the dolomite. These structural troughs, which are large and deep enough to contain a considerable body of the Shady dolomite or its residual clay, are favorable places for the accumulation of manganese ore bodies. A prospect pit northeast of Bear Mountain, which may be called the Bear Mountain prospect, found some manganese nodules, and two other prospect pits on the west flank of Ramsey Mountain, which are here called the Ramsey Mountain prospects, also show some nodules. In fact, the whole lowland southwest of Ramsey Mountain and southeast of Bear Mountain is believed to be underlain by residual clay from limestone and therefore to have favorable structural conditions for the accumulation of ore. The surface of much of this area, especially the portions close to the quartzite hills, is strewn with small pieces of flinty siliceous iron ore, and the soil is markedly red in places. Both of these features indicate the probable presence of the basal beds of the Shady dolomite in which some ore has been deposited, accompany many of the deposits of manganese. The limestone lowland and the white quartzite of Ramsey Mountain are abruptly terminated at the south by the older Cambrian shales and arkosic sandstones, which have been thrust westward about 2 miles along an east-west fault, the trace of which lies close to the main road from the gap, south of Ramsey Mountain to Basic City.

Because of the structure and conditions just described it is believed that the triangulat valley of about 1 aquare mile lying north of the fault and extending from Ramsey Mountain to Bear Mountain (shown in fig.11 as Tract No. 4)[2] with its two northward synclinal prongs, the small synclinal valleys northwest and southwest of Bear Mountain, and the small syncline on Sawmill Run are areas which are favorable for the accumulation of manganese deposits, and in Bulletin 660, U. S. Geological Survey, were recommended for thorough prospecting by drilling or test pits to determine the presence of manganese.[3]

[2] The subject property includes most of the area of Tract No. 4

[3] The underliniations above were inserted by the writer.

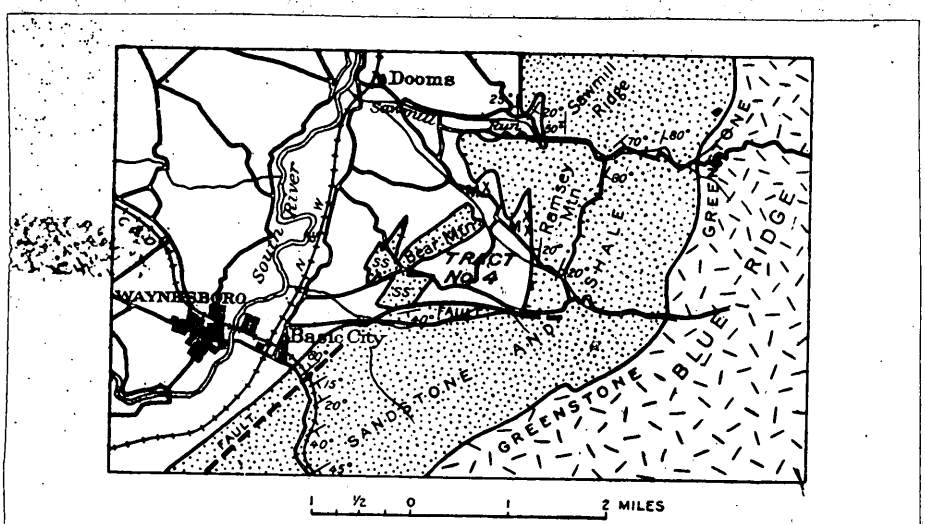

Fig. 11.—Sketch geologic map of region near Waynesboro, Augusta County, showing location of undeveloped tract (No. 4) recommended for prospecting.

The writer concurs, in general, with the information quoted above. However, possibly because he has been able to spend more time on the subject property than was available to the authors of Bulletin XVII, he has found even stronger indications of the presence of a major ore body. These indications were obtained by a careful observation and study of the outcrops along the rims of the synclines and the finding of many small nodules of manganese almost all over the area which, from the structural conditions, the presence of an ore body are inferred.

A water well drilled on a property very close to the subject property is reported to have encountered 22 ft. of manganese ore.

The writer agrees with the authors of this bulletin in their stress on the importance of a synclinal structure for favorable conditions for the deposition of manganese.

At Crimora, the ore body was recently believed to have been nearly mined out. However, recent exploration work there has developed extensions of the ore body both north and south of the area of previous operations that indicate the presence of far more ore than was mined in all the previous years that this property was operated.

The writer, from his experience as geologist to the Virginia Ore Corporation, the present operators of the Crimora Mine could not fail to note the distinct similarity between the structural conditions and surface

showing at Crimora and those of the subject property. At Crimora the synclinal trough was folded much more intensely than the Ramsey Mountain trough. The result is that at Crimora the south east flank of the syncline is overturned but the Ramsey Mountain syncline is more gently folded. From an economic viewpoint, this is important as strip mining, should be less costly than at Crimora due to the probably more shallow depth of the ore body involving, consequently much less yardage of overburden to be stripped in order to mine the ore. Furthermore, in the Ramsey Mountain area stripping should be sufficient to reclaim the ore, whereas, at Crimora in the opinion of the writer, a more costly underground mining operation will be necessary to win the ore from the southeastern flank, which is overturned.

HISTORY OF THE REGION:

The nearby Crimora mine has been operated intermittently from the early 1880's to the present. This mine has long attracted unusual interest because it had the distinction up to 1919 of having yielded more manganese ore than any other mine in the United States, and for several years it contributed a large part of the ore required by the domestic steel industry. The Anaconda mine in Montana has since become the largest producer but the Crimora mine may well again regain this distinction.

The subject leases contain about 400 acres or about 75% of the area of the Crimora mine. When it is considered that over the years over 300,000 tons of manganese concentrates have been produced from an area of probably less than 20 acres at Crimora, it is within the realm of possibilities that the subject property might become a major producer.

Several prospect holes on the subject property look from their size to have been hand mine operations, possibly the operations, of many years ago, referred to in Bulletin XVII. As these holes have filled in it is impossible, without cleaning them out, to observe the extent of the ore penetrated. However, the amount of ore that crops out nearby indicates strongly the presence of a substantial ore body.

MILLSITE, WATER SUPPLY AND WASTE DISPOSAL:

On both lease "A" and lease "B" are hillside locations suitable for washing plant and mill sites with adjoining ample space for the necessary settling ponds and waste dumps. At present a location on lease "B" looks more favorable due to the proximity of an excellent year around water supply from Sawmill Run. It would, however, also be possible to locate the mill

on lease "A" where water could be taken from a smaller unnamed creek with additional water supplied by shallow wells to meet the needs of the operation.

FUEL SUPPLY:

The natural gas line of the Virginia Gas Distributing Company traverses the subject property. This would be a convenient, dependable and economical source of heat for buildings to permit winter operation. In the event that the application of heat to the ore should prove to be desirable for upgrading or nodulizing purposes, the availability of natural gas would be advantageous.

SHIPPING FACILITIES:

The subject property lies less than two miles from the main line of the Norfolk and Western Railroad to which the ore could be trucked at low cost.

LABOR SUPPLY:

Ample supply of both skilled and unskilled labor is available from Waynesboro and the surrounding country.

SERVICE FACILITIES:

Excellent machine, plate and structural fabricating, electric and welding shops are available in the district, as well as lumber and mill supplies and service facilities and parts for motorized equipment.

CONCLUSION AND RECOMMENDATIONS:

It is the writer's considered conclusion that the structure and showing of ore on the subject property makes it a favorable location for the occurence of a major manganese ore body.

It is recommended that following the cleaning out of the old prospect (or mining) pits which is now being carried out that, if favorable, new pits should be dug along the strike and assays be made of samples from all pits to determine the extent and quality of the ore.

This program should be followed by a number of bulldozer or backhoe trenches in the bottoms of which test pits be dug when considered desirable. In order to determine the cross section of the syncline and in order to estimate the tonnage of ore churndrill or bucketdrill holes ~~to~~ be put down at intervals across and along the strike of the syncline.

William Phillips, Geologist.

September 6th, 1955.

THIS LEASE, OPTION AND AGREEMENT, made this the 30th. day of June, 1955, by and between J. B. Yount, Jr., and Courtney P. Yount, his wife, George A. Pelter and Mazie M. Pelter, his wife, their heirs or assigns, parties of the first part, hereinafter called the Lessors, and Paul J. Bertelsen, his heirs or assigns, party of the second part, hereinafter called the Lessee:

WITNESSETH

That for and in concideration of the sum of Ten ($10.00) Dollars, cash in hand paid by the Lessee to Lessors, the receipt whereof is hereby acknowledged, and for the covenants and agreements hereinafter contained in this instrument on the part of the Less e, to be kept and performed, Lessors has granted, leased, demised and let, and by these presents do grant, lease, demise and let unto Lessee, for the purpose of exploring, mining, removing or beneficiating, or concentrating aflall metallic and non-metallic minerals, of any and every kind or nature, including manganese, gold, silver, copper, tin, uranium or any other radio-active material, lying on, in or thereunder the following described tract of land traversed by or supposed to be traversed by an ore bearing area characterized by its contents in greater or less quantity of manganese or manganiferous ores and is associate minerals. The land hereby leased is more particularly described as all that certain tract or parced of land, lying and being South River District of Augusta County, Virginia, a short distance southeast of Dooms, adjoining, Swan, Austin, and otheres, containing 345 acres of mountain land, be the same more or less, locally known as the "hanger Land"; it being the same real estate as that conveyed to J. B. Yount, Jr., and G. A. Pelter, by deed dated October 4th. 1951, from Rudolph Bumgardner, Special Commissioner, which deed is duly of record in the Clerk's Office of the Circuit Court of Augusta County, Virginia, in D. B. 385, at page 252, to which said deed reference is here made for a more particular description as well as derivation of title.

It is mutually agreed between the Lessors and the Lessee that this agreement shall remain in full force and effect for a period of Ten (10) Years from date hereof, and shall upon written notice to the Lessors from the Lessee of his desire to do so One (1) Year in advance or before the expiration of the period then in effect, be renewed automatically for a period of Twenty (20) Years from June 30th. 1965, without further contract or agreement, so long as the terms and conditions set forth herein shall be co plied with by the Lessee, his heirs or assigns.

Lessee or his assigns shall have the right to explore, prospect, dig, mine, wash or otherwise treat, haul or ship from the property all manganese or mmanganiferous ores and associate minerals, including uranium, and to dispose of the same in his discretion; to pursue mining operations in any way that he may deem advisable and for the conduct of mining and ore treating operations in any way he may desire in so long as he complies with the mining laws of the State of Virginia and the mining laws of the Unites States of America, where applicable.

Lessee or his assigns, shall have the right to make use of any and all timber on said tract, needed for the purpose of timbering tunnels, shafts, laying tracts or tramways or for buildings, as may be needed in the prosecution of mining or ore treating operations on the said property.

Lessee or his assigns shall have the right to erect any and all buildings, washers, mills tanks, bins, etc., on the said property as he may deem necessary in the conducting of mining and milling operations.

Lessee or his assigns agree that during the term of this lease or any renewal or extension thereof, to pay to Lessors the sum of Ten (10%) Per Cent of gross sale price for each and every ton of 2240 pounds of marketable manganese or manganiferous ores or its associate minerals having a selling price as

great as manganese or its associate minerals or less, and Twenty (20%) Per Cent on gross sales of all ores, minerals or uranium with selling price greater than the price of manganese ores or its associated minerals mined and shipped or hauled from the premises, such royalties, if any, accruing in each and every month, shall be paid to the Lessors or their assigns on or before the 20th day of the month following the month of shipment or disposition.

It is further mutually agreed between Lessors and Lessee that Lessee or his assigns shal pay to Lessors or their assigns a minimum royalty of Two Hundred and Fifty ($250.00) Dollars, a month, beginning Nine (9) Months from the date of this agreement; that Lessee will begin prospecting and exploiting operations within Ninety (90) Days, from the date of this agreement, and Lessors agree with Lessee that there will be no royalties due or payable during the Nine (9) Months prospecting and exploiting operations period, unless that actual mining operations have commenced during that period and manganese or its associate minerals including uranium, are mined and shipped and sold; in that event the royalties shall apply and be paid by Lessee to Lessors on the gross sales and all monies so paid as minimum royalties are to apply as royalties on ores mined and shipped or trucked at anytime during that particular month; that is to say, if the monthly royalties amount to less than $250.00 a month for the period then in effect, then Lessee or his assigns shall pay to Lessors or their assigns the difference therein for each calendar month period. In event no ore is mined during any calendar month during the term of this agreement, then Lessee or his assigns shall pay the minimum royalty of $250.00 a month, and in event the monthly royalty paid during such calendar month exceeds the minimum of $250.00 a month, then, such excess royalties accrued or to accrue during that particular month shall be paid by Lessee or ssigns to Lessors and assigns.

It is further mutually agreed between Lessors and Lessee that Lessee or his assigns shall have Nine (9) Months, from the date hereof within which to prospect for minerals upon the said premises during which said Nine (9) Months the provisions herein made for minimum royalties shall not apply, and Lessee or his assigns, covenant that they will begin prospecting operations within Ninety (90) Days, from the date of this lease and faithfully pursue such operations during the Ninety (90) Day period or until sufficient mineral is found to justify curtailing prospecting operations, or if no mineral is found in sufficient quantities to justify commercial mining, then Lessee or his assigns shall restore the surface of the land where prospecting operations were made to comply with mining operation regulations and laws both State and Federal where applicable, and this lease shall become null and void and of no effect whatsoever, between the Lessors and the Lessee. If however, mineral is found in sufficient quantity to justify mining, then Lessee shal immediately begin mining operations and if any ore is mined and shipped during the Nine (9) Month period, then the royalties provided for herein shall apply and be paid by Lessee.

Lessors and Lessee mutually agree that the amounts of the royalties shall be calculated according to Railroad, Truck or Truck line shipping weights or ore, less moisture deductions not to exceed Ten (10) Per Cent of the shipping weights of ores.

Lessee or assigns extends to Lessors or assigns access at any time to the shipping, paying records or any other records of the Lessee or his assigns including the railroad, truck or truck line records of shipment in order to verift such reports of shipments, as to moisture deductions or to ascertain or verify the amount of royalties paid or to be paid.

In event of the non-payment of royalties when and as the same is due and payable, then upon demand in writing to the Lessee or his assigns by the Lessors or their assigns and in failure for Thirty (30) Days thereafter to pay the royalties, then due and payable, the Lessors shall have the right and option to terminate this lease and have immediate and peaceful possession of the said

property hereby leased and any equipment on said premises owned by the Lessee or his assigns shall be held by the Lessors or their assigns until all royalties in default shall have been paid by the Lessee or his assigns, or the property and mining equipment may be sold by the Lessors or their assigns in order to collect the royalties in default.

Lessee or his assigns shall have the right to terminate this lease and surrender said property to the Lessors on Thirty (30) Days notice to the Lessors of Lessee's intentions to do so, and the payment of all royalties to date of such surrender shall release said Lessee or his assigns from any and all payments of further royalties.

Lessors extend to Lessee the right to assign and transfer this lease to any responsible party, parties or corporation, and upon such assignment and transfer and the assumption by the said party, parties or corporation, of the obligations hereunder, the said Lessee shall be released of all further liability under and by virtue of this lease.

Lessors and Lessee agree that in event of the termination of this lease at anytime for the non-payment of royalties, all buildings, equipment, machinery, tools on or put upon the property and used thereon by the Lessee orhis assigns, in his or their operations of the property or treating the ores, shall be left upon the property and surrendered to the Lessors, free from all claims or demands of the Lessee or his assigns. But in event of the termination of this lease and if all royalties have been paid the said buildings, equipment and so forth as mentioned above, shall remain theproperty of the operating Lessee or his assigns and they shall have the right to remove same from the premises provided such removal is done within sixty (60) days after the expiration of this lease.

Lessors reserve the right to remove building or flag stone from the premises hereby leased, which stone is located on the northeast boundry of the property adjoining Freed, and on the western side of Ramsey Mountain.

WITNESS the following signatures and seals this the day and year first above written.

EXECUTED IN TRIPLICATE

J. B. Yount, Jr. (SEAL)
Cumrtney P. Yount (SEAL)
George A. Pelter (SEAL)
Mazie M. Pelter (SEAL)
Paul J. Bertelsen (SEAL)

(Notarial acknowledgements omitted from this copy)

THIS LEASE, OPTION AND AGREEMENT, made this the 11th. day of June, 1955, by and between Joe Swan, unmarried, party of the first part, hereinafter called the Lessor, and Paul J. Bertelsen, party of the second part, hereinafter called the Lessee.

WITNESSETH

That for and in consideration of the sum of Ten ($10.00) Dollars, cash in hand paid by the Lessee to Lessor, the receipt whereof is hereby acknowledged, and for the covenents and agreements hereinafter contained in this instrument on the part of the Lessee, to be kept and performed, Lessors has granted, leased, demised and let, and by these presents does grant, lease, demise and let unto Lessee, for the purpose of exploring, mining, removing or beneficiating, or concentrating of all metallic and non-metallic minerals, of any and every kind or nature, including manganese, gold, silver, copper, tin, uranium or any other radio active material, lying on, in or thereunder the following described tract of land traversed by or supposed to be traversed by an ore bearing area characterized by its contents in greater or less quantity of manganese or manganiferous ores and its associate minerals. The land hereby leased is more particularly described as all that certain tract or parcel of land, lying and being in South River District of Augusta County, Virginia, a short distance southeast of Dooms, adjoining Yount, Pelter, Henderson, Eppard, Humphreys, Scragg, and others, containing 58 acres and 5 rods, more or less, subject to the reservation hereinafter set forth, which real estate was conveyed to the Lessor in four separate deeds, all of record in the Clerk's Office of the Circuit Court of Augusta County, Virginia, to which said deeds reference is here made for a more particular description as well as derivation of title.

Lessor hereby expressly reserves a Two (2) acre tract of land located on the Jarman Gap Road at the northwest corner adjoining Humphreys, and also a tract of land where his present dwelling house and buildings are located, said tract to be 325 feet wide and 525 feet long with the center of his house being the center or middle of the 325 feet and the 525 feet of land reserved. Lessor further reserves a good and sufficient roadway to his present dwelling house which right of way shall be wide enough for vehicles to pass and shall remain open and unobstructed during the term of this lease with full right and liberty of egress and ingress, in common with all persons who shall use said right of way.

Lessor further reserves water rights for the benefit of Lessor's stock and for domestic use for both tracts of land hereby reserved.

It is mutually agreed between the Lessor and the Lessee that this agreement shall remain in full force and effect for a period of Ten (10) Years from date hereof, and shall upon written notice to the Lessor from the Lessee of his desire to do so One (1) Year in advance or before the expiration of the period then in effect, be renewed automatically for a period of Twenty (20) Years from July 11, 1965, without further contract or agreement, so long as the terms and conditions set forth herein shall be complied with by the Lessee, his heirs or assigns.

Lessee or his assigns shall have the right to explore, prospect, dig, mine, wash or otherwise treat, haul or ship from the property all manganese or manganiferous ores and associate minerals, including uranium, and to dispose of the same in his discretion; to persue mining operations in any way that he may deem advisable and for the conduct of mining and ore treating operations in any

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way he may desire in so long as he complies with the mining laws of the State of Virginia and the mining laws of the United States of America, where applicable.

Lessee or his assigns shall have the right to make use of ay and all timber on said tract, needed for the purpose of timbering tunnels, shafts, laying tracts or tramways or for building, as may be needed in the prosecution of mining or ore treating operations on the said property.

Lessee or his assigns shall have the right to erect any and all buildings, washers, mills, tanks, bins, etc., on the said property as he may deem necessary in the conducting of mining and milling operations.

Lessee or his assigns agree that during the term of this lease or any renewal or extension thereof, to pay to Lessors the sum of Ten (10%) Per Cent of gross sale price for each and every ton of 2240 pounds of marketable manganese or manganiferous ores or its associate minerals having a selling price as great as manganese or its associate minerals or less, and Twenty (20%) on gross sales of all ores, minerals or uranium with selling price greater than the price of manganese ores or its associate minerals mined and shipped or hauled from the premises, such royalties, if any, accruing in each and every month, shall be paid to the Lessor or his assigns on or before the 20th day of the month following the month of shipping or disposition.

It is further mutually agreed between Lessors and Lessess that Lessee or his assigns shall pay to Lessor or his assigns a minimum royalty of One Hundred ($100.) Dollars a month, beginning Nine (9) Months from the date of this agreement; that Lessee will begin prospecting and exploiting operations within Ninety (90) Days, from the date of this agreement, and Lessor agrees with Lessee that there will be no royalties due or payable during the Nine (9) Months prospecting and exploiting operations, unless that actual mining operations have commenced during that period and manganese or its associate minerals including uranium, are mined and shipped and sold; in that event the royalties shall apply and be paid by Lessee to Lessor on the gross sales and all monies so paid as minimum royalties are to apply as royalties on ores mined and shipped or trucked at anytime during that particular month; that is to say, if the monthly royalties amount to less than $100.00 a month for the period then in effect, then Lessee or his assigns shall pay to Lessor or his assigns the difference therein for each calendar month period. In event no ore is mined during any calendar month during the term of this agreement, then Lessee or his assigns shall pay the minimum royalty of $100.00 a month, and in event the monthly royalty paid during such calendar month exceeds that minimum of $100.00 a month, then, such excess royalties accrued or to accru during that particular month shall be paid by Lessee or assigns to Lessor and assigns.

It is further mutually agreed between Lessors and Lessee that Lessee or his assigns shall have Nine (9) Months, from the date hereof within which to prospect for minerals upon the said premises during which said Nine (9) Months the provisions herein made for minimum royalties shall not apply, and Lessee or his assigns, covenant that they will begin prospecting operations within Ninety (90) Days, from the date of this lease and faithfully pursue such operation during the Ninety (90) Day period or until sufficient mineral is found in sufficient quantities to justify curtailing prospecting operations, or if no mineral is found in sufficient quantities to justify commercial mining, then Lessee or his assigns shall restore the surface of

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the land where prospecting operations were made to comply with mining operation regulations and laws both State and Federal where applicable, and this lease shall become null and void and of no effect whatsoever, between the Lessor and the Lessee. If however, mineral is found in sufficient quantities to justify mining, then Lessee shall immediately begin mining operations and if any ore is mined and shipped furing the Nine (9) Month period, then the royalties provided for herein shall apply and be paid by Lessee.

Lessor and Lessee mutually agree that the amounts of the royalties shall be calculated according to Railroad, Truck or Truck Line shipping weights of ore, less moisture deductions not to exceed Ten (10) Per cent of the shipping weights of ores.

Lessee or assigns extends to Lessors or assigns access at any time to the shipping, paying records or any other records of the Lessee or his assigns including the railroad, truck or truck line records of shipment in order to verify such reports of shipment, as to moisture deductions or to ascertain or verify the amount of royalties paid or to be paid.

In the event of non-payment of royalties when and as the same is due and payable, then upon demand in writing to the Lessee or his assigns by the Lessors or their assigns and failure for Thirty (30) Days thereafter to pay the royalties, then due and payable, the Lessors shall have the right and option to terminate this lease and have immediate and peaceful possession of the said property hereby leased and any equipment on said premises owned by the Lessee or his assigns shall be held by the Lessor or his assigns until all royalties in default shall have been paid by the Lessee or his assigns, or the property and mining equipment may be sold by the Lessor or his assigns in order to collect the royalties in default.

Lessor and Lessee mutually agree that in event that no ores or minerals are found in sufficient quantities to justify commercial mining on the land hereby leased, and Lessee desired to use Lessor's boundry or a part thereof for the purpose of erecting buildings, washers, mills, tanks, bins, etc., for treating ores or minerals on adjacent properties where mining operations are in progress, then Lessee shall pay to Lessor the minimum monthly royalty of One Hundred ($100.00) Dollars in advance for each and every month for the use of said land and water.

Lessor hereby reserves the right to cut and remove any timber on said boundry hereby leased or pulp wood so long as it does not interfere with the prospecting or mining operations of Lessee or assigns.
Lessee or his assigns shall have the right to terminate this lease and surrender said property to the Lessor on Thirty (30) Days notice to the Lessor of Lessee's intentions to do so, and the payment of all royalties to date of such surrender shall release Lessee or his assigns from any and all payments of further royalties.

Lessors extend to Lessee the right to assign and transfer this lease to any responsible party, parties, or corporation and upon such assignment and transfer and the assumption by the said party, parties or corporation, of the obligations hereunder, the said Lessee shall be released of all further liability under and by virtue of this lease.

Lessors and Lessee agree that in event of the termination of this lease at anytime for the non-payment of royalties, all buildings, equipment, machinery, tools on or put upon the property and used thereon by the Lessee or his assigns, in his or their operations of the property or treating the ores, shall be left upon the property and surrendered to the Lessor, free from all claims or demands of the Lessee or his assigns. But in event

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of the termination of this lease and if all royalties have been paid, the said buildings, equipment, and so forth as mentioned above, shall remain the property of the operating Lessee or his assigns and they shall have the right to remove same from the premises provided such removal is done within sixty (60) days after the expiration of this lease.

Lessor further reserves any and all pulp wood or trees that Lessee destroys in strip mining methods or otherwise that Lessee or his assigns do not wish to use, and Lessor agrees to remove said wood, trees or logs upon notice by Lessee or assigns that such wood, trees or logs are available and ready to be removed. Should Lessor not remove said wood, trees, or logs after reasonable notice, then Lessee or assigns shall dispose of said wood, trees or logs as Lessee or assigns may deem fit and proper.

WITNESS the following signatures and seals this the day and year first written above.

EXECUTED IN TRIPLICATE.

Joe Swan _____ (SEAL)

Paul J. Bertelsen _____ (SEAL)

(Notarial acknowledgements omitted on this copy)

COPY

JOS. B. YOUNT, JR.
ATTORNEY AT LAW
WAYNESBORO, VA.

September 19th. 1955.

RECEIVED
SEP 20 1955

Mr. Paul J. Bertelsen,
Garth Road,
Charlottesville, Virginia.

Dear Mr. Bertelsen:

With reference to our conversation concerning the signing of land owners consent to secure funds for the exploring of mineral on the 350 Acres tract of land that you hold under lease from the undersigned and G. A. Pelter, located near Grimora, I wish to say that it was our understanding when we entered into this lease with you that we would not be required to sign this right.

If you will recall we were on terms with Mr. Prichard's Company and had the lease written and you agreed to meet the terms of his lease which specifically st ated we would not be required to execute the land owner's consent to secure money for exploring for manganese or other minerals.

Trusting that you will be able to deal with the Defense Minerals Exploration Administration on the terms of our present lease, I am

Yours very truly,

Joseph B. Yount, Jr.,

JBY/c

Route 1,
Waynesboro, Virginia.
September 19th. 1955.

Mr. Paul J. Bertelsen,
Garth Road,
Charlottesville, Virginia.

RECEIVED
SEP 30 1955

Dear Mr. Bertelsen:

My reason for not signing the land owner's consent in order that you can secure money for exploring for manganese on my land held under lease by you is that I had bargained to lease my land south of Grimora, to Mr. Prichard, for the Dean Coal Company, and his lease stated that I would not be required to execute any land owner's consent. Then you agreed to meet his terms. In view of this I expect to live up to my part of the lease with you and therefore, will not sign the agreement for the Defense Minerals Exploration Administration.

Yours very truly,

JS/y

Joe Swann

Joe Swann

September 30, 1955
Subject: DMEA-3998
Re: Exploration Assistance

Mr. Paul J. Bertelsen
Carth Road
Charlottesville, Virginia

My dear Mr. Bertelsen:

The receipt of your application dated September 20, 1955, for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

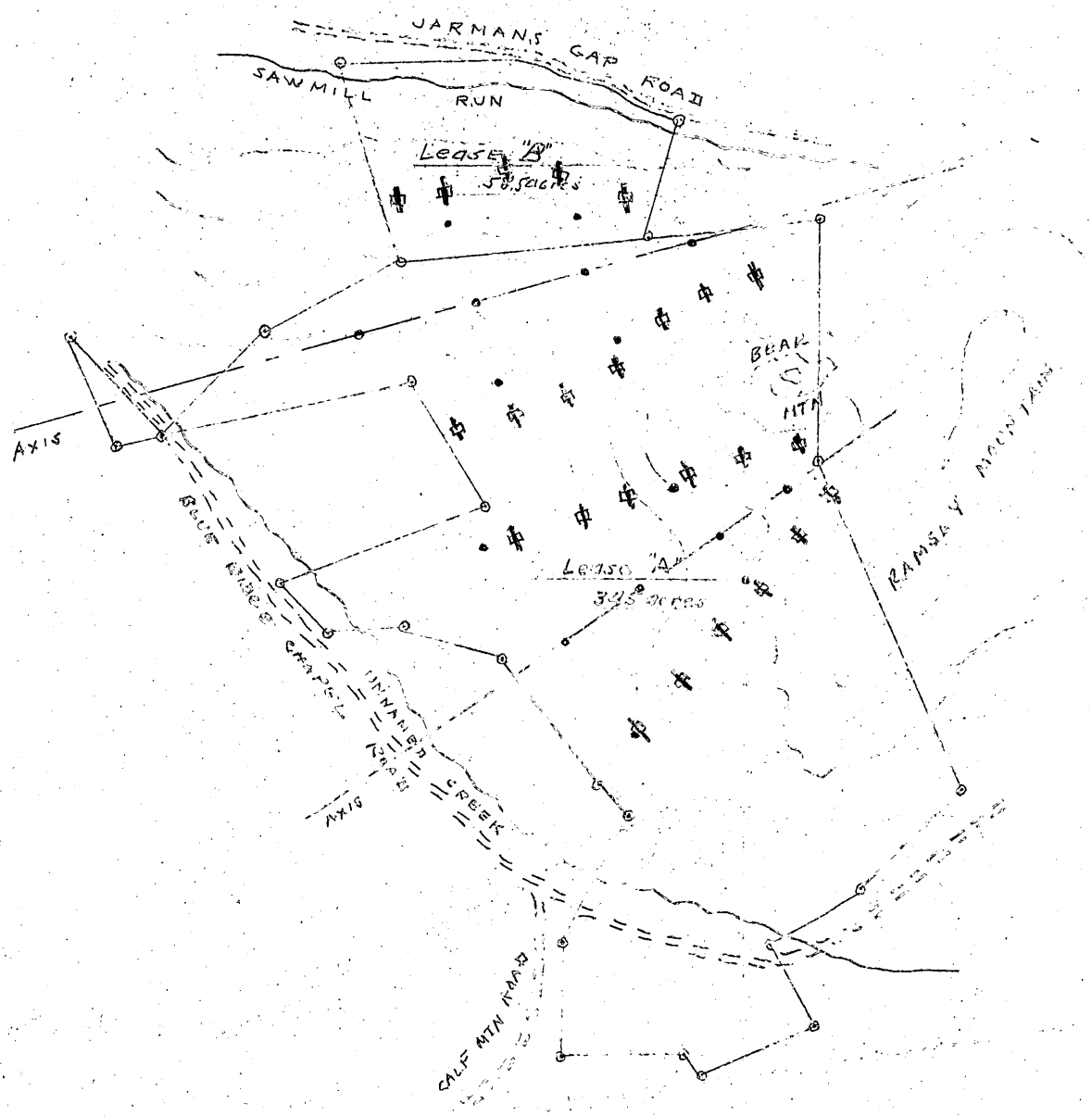
Your application has been assigned Docket Number DMEA-3998 and referred to the Iron & Ferro-Alloys Division.

Kindly identify all future correspondence relating to your application by this docket number.

Sincerely yours,

Robert E. Adams, Chief
Operations Control and
Statistics Division

60932



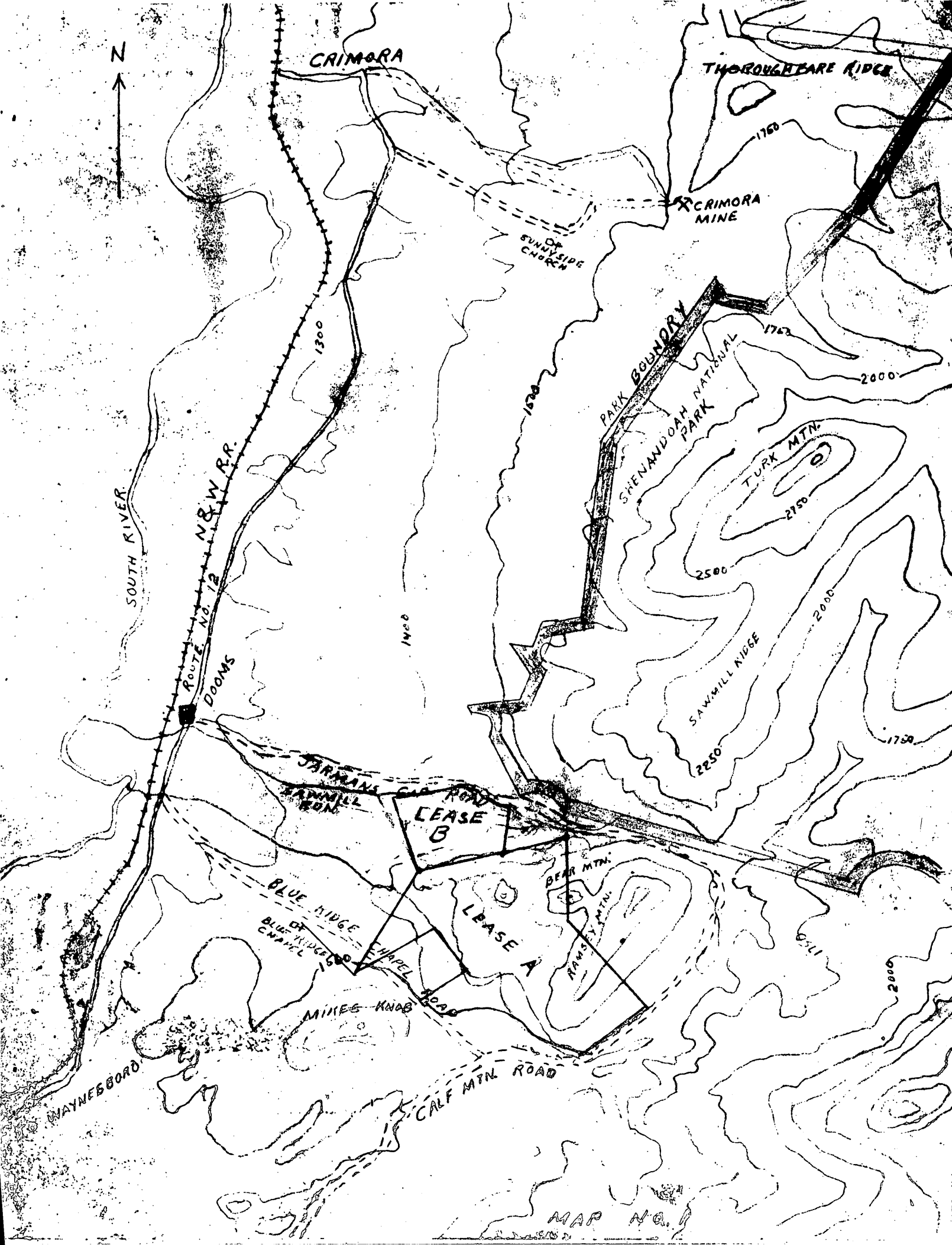
• Proposed Churn or Bucket Drill Holes

Proposed Bulldozer or Backhoe Trenches.

Proposed Test Pits

RAMSEY MOUNTAIN PROSPECT.

near Waynesboro, Virginia.


N
CRIMORA
THOROUGHBARE RIDGE
1760
CRIMORA MINE
SUNNYSIDE CHURCH
1300
1500
PARK BOUNDARY
SHENANDOAH NATIONAL PARK
1763
2000
TURK MTN.
2750
2500
2000
SAWMILL RIDGE
2250
1750
SOUTH RIVER
N&W R.R.
ROUTE NO. 12
DOOMS
FARMANS GAP ROAD
SAWMILL RUN
LEASE B
BEAR MTN.
BLUE RIDGE
BLUE RIDGE CHAPEL
1500
CHAPEL ROAD
LEASE A
RAMSEY MTN.
MINES KNOB
WAYNESBORO
CALF MTN. ROAD
MAP No. 1