DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 1986

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EXPLORATION LOAN

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.

RECEIVED AUG 21 1951 Ansd

Routing Slip

CODE 320 3626

To: Light Metals Br. Date 8-20-51

To: Robt. Bryson Date AUG 21 1951

To: Light Metals Br. Date 8/29/51

To: Reports and Records Date OCT 16 1951

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INT.-DUP. SEC., WASH., D.C. 98868

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

Code 320
DMA 1986X
Exploration
Project

OCT 16 1951

Q.E.C.

Memorandum

To: Reports and Records Unit

From: Acting Chief, Light Metals Branch

Subject: Withdrawal of Application

This is to advise you that Dulin Bauxite Company, Inc., of Sweethome, Arkansas, has withdrawn its application for Government assistance in a bauxite exploration project, Docket DMA 1986X.

Please consider this docket closed. The application papers have been returned to Dulin Bauxite Company, Inc., at its specific request. The items returned are listed in a letter of October to Dulin Bauxite Company, Inc., attached hereto.

Glenn T. Allen

Approved:

Director, Supply Division

FILE COPY
SURNAME:

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

Code 320
DMA 1986X
~~Exploration~~
Project
Allen

not stripped in RTR.

A.E.C.

OCT 16 1951

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Glenn L. Allen

Approved:

Tom Lyon

Director, Supply Division

GLAllen:amb

Copy to: Mr. Lyon
Docket DMA 1986X
Mr. Heckmann, Room 3626

FILE COPY
SURNAME:

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

Code 320
DMA 1986X
Exploration
Project
Allen

OCT 1 8 1951

a. r. c.

Mr. Thomas B. Wilhite, Geologist
Dalin Bauxite Company, Inc.
Sweethome, Arkansas

My dear Mr. Wilhite:

This is in reply to your request of October 1, 1951 to withdraw your application dated August 17, 1951, for Government assistance in a bauxite exploration project Docket DMA 1986X.

In accord with the request I am returning herewith the following items:

1 map of Central Arkansas (AGS ICS Plate IX) showing proposed leases
2 Forms MF-103, Application for Exploration Project

I have ordered that Docket DMA 1986X be cancelled on our records.

Sincerely yours,

Tom Lyon

Director
Supply Division

cc 10/16

Enclosures

GLAllen:amb

Copy to: ~~Mr. Lyon~~ Reports & Records
Mr. Heckmann, Room 3626
DMA Docket 1986X

Rm 3626

P. A. DULIN, PRESIDENT

MARGARET PAYNTER, SEC'Y-TREAS.

DULIN BAUXITE CO., INC.

HIGH GRADE CRUDE, DRIED AND CALCINED BAUXITE ORES

OFFICE PHONE 4-4758

SWEET HOME, ARKANSAS

DMA - 1986
Bauxite
ans. by
H f Allen
10-15-51

October 1, 1951

Mr. H. L. Heckman, Chief
Light Metals Branch
Department of the Interior
Washington, D. C.

My dear Mr. Heckman:

Reference is made to your letter received today pertaining to the Dulin Bauxite Company's exploration contract.

In view of the numerous changes and alterations that you have outlined in your letter, my company feels that further work on the project is not necessary. We will continue with our present drilling program as set up by the company without government aid.

It would be greatly appreciated if you would return all the copies of the program drawn up by the Dulin Bauxite Company to our office.

Sincerely yours,

Thomas B. Wilhite

Thomas B. Wilhite, Geologist
Dulin Bauxite Company, Inc.

RECEIVED
OCT 5 - 1951
Ans'd

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

Code 320
DMA 1986X
Exploration
Project

OCT 1 6 1951

a, E. C.

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Dulin Bauxite Company, Inc.
Sweethome, Arkansas

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Tom Lyon

Director
Supply Division

Enclosures

GLAllen:amb

Copy to: Mr. Lyon
Mr. Heckmann, Room 3626
DMA Docket 1986X

FILE COPY
SURNAME:

Allen

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

320

September 27, 1951

AIR MAIL

Dulin Bauxite Company, Inc.
Attention: Mr. Thomas B. Wilhite
Sweet Home, Arkansas

My dear Mr. Wilhite:

Re: DMA-1986-X

Reference is made to your letter of September 24, 1951 regarding the status of Dulin Bauxite Company's exploration contract.

We are air mailing to you today a letter requesting further clarification of several details of the exploration works and the estimated costs.

I will 'phone you later today regarding necessary copies of leases and the corresponding landlord's subordination agreements.

You were advised when last in Washington that you would have to have signed leases and subordination agreements. We are air mailing the latter forms today.

Sincerely yours,

H. L. Heckmann
Chief, Light Metals Branch

Enclosure
Forms No. MF-201

GA:o'c
CC: Reports & Records
Mr. Lyon

FILE COPY
SURNAME:

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

320 Allen
Dulin Bauxite
Exploration Loan

September 27, 1951

Air Mail

Mr. Phil A. Dulin, President
Dulin Bauxite Company, Inc.
Sweet Home, Arkansas

My dear Mr. Dulin:

Your application for Government assistance (Docket Number DMA-1986X) for a bauxite exploration project has been examined. Further clarification of several items is necessary before the contract can be drafted, and some minor discrepancies need to be rectified. We are also obliged to request certain documents which were not supplied with the application.

1. Please correct the apparent discrepancies between the legal description of the properties listed under Item 7 of your application, and the properties as shown on the map accompanying the application. These are:

Property #1, line 2. NE¼NE¼, Sec. 18, is shown as NW¼NE¼, Sec. 18.

Property #4. T. 1 S. is shown as T. 1 N.

Property #6. W½SE¼NW¼, Sec. 8, is shown as W½SE¼NW¼, Sec. 8.

2. After the corrections have been made, please supply 6 copies of the map or such parts of the map, Plate IX IC-8, Arkansas Geological Survey, as necessary to show all of the proposed drilling areas.

3. We must have photostatic copies of each of the 7 leases you propose to drill. The leases must be signed.

4. Supply 6 signed copies of Subordination Agreement (Form MF-200) from each of the 7 owners of leased properties. We are supplying 42 blank copies of MF-200, which are being mailed under separate cover. If you find it more convenient to obtain one signed copy of MF-200 for each lease, you may supply us with

6 photostatic copies of each of the 7 Subordination Agreements.

5. Please advise the State in which Dulin Bauxite Company, Inc., is incorporated.

EXPLORATION

In general it should be pointed out that the exploration program for bauxite in Pulaski and Saline Counties by the Geological Survey in cooperation with the Bureau of Mines during World War 2 resulted in the compilation of much subsurface data from company files and from drilling carried on as part of the exploration program. However your company may have additional more recent data that would have bearing on these properties and on the subject application. If this is the case, these data should be submitted as supporting information.

The subject application covering properties listed in Item 7 has been reviewed carefully in the light of data already available on these and nearby properties, and the following comments and recommendations are made:

6. A hole drilled less than a minimum of 200 feet from a locality where bauxite already is known should not be regarded as an exploration drill hole.

7. In the parts of Sec. 18, T. 1 S., R. 12 W., covered by the application, the "bauxite-kaolin zone" lies at depths of from 100 to 200 feet, but it is quite unlikely that bauxite that can be recovered economically will be found by exploration drilling on these properties. To confirm this, or to disclose the possible presence of significant bauxite deposits, it is recommended that the Government participate with the applicant in the drilling of one or two holes in each of the three 40-acre tracts.

8. In the part of Sec. 7, T. 1 S., R. 12 W., covered by the application, the "bauxite-kaolin zone" lies at a depth of from 75 to 100 feet. It is unlikely that bauxite that can be recovered economically will be found by exploration drilling in this property. To confirm this, or to disclose the possible presence of significant bauxite deposits, it is recommended that the Government participate with the applicant in the drilling of one or two holes in this tract.

9. In the parts of Sec. 8, T. 1 S., R. 12 W., covered by the subject application, the "bauxite-kaolin zone" lies at a depth of about 50 to 100 feet. Bauxite in small deposits of a thickness and grade economical to mine are known in the eastern half of Section 8. The possibility exists that at least locally in the property covered by this application the bauxite zone contains deposits of bauxite that can be mined and used economically. It is recommended that,

as part of the exploration program in which the Government will participate, holes be drilled first at intervals of approximately 1,000 feet, after which additional locations may be selected at intervals of 200 or more feet, as indicated by the results of drilling.

10. In parts of Sec. 5, T. 1 S., R. 12 W., the possibility of finding small deposits of bauxite that can be mined and used under existing conditions remains, and it is recommended that exploration drilling be carried out—first at intervals of approximately 1,000 feet, after which additional locations may be selected at intervals of 200 feet or more on the basis of the 1,000-foot drilling completed on the properties if this drilling indicates the presence of an ore body.

11. In parts of Sec. 4, T. 1 S., R. 12 W., bauxite has been mined in the past in the central and western parts of the property, and syenite crops out in the eastern part. There remains the possibility that small amounts of bauxite may be found near the mined-out areas. It is recommended that exploration drilling be carried out, at intervals spaced not closer than 200 feet apart, extending from the margins of the mined-out areas, and of course omitting the area of syenite outcrop.

12. In the SW¼SW¼ Sec. 31, T. 1 N., R. 12 W., the possibility of discovering bauxite in significant amounts is regarded as exceedingly remote and no drilling is recommended.

13. In parts of the SE¼NE¼ Sec. 35, T. 1 N., R. 12 W., bedrock (Syenite and Paleozoic metamorphic rocks) lies at shallow depth beneath the surface of the ground on this property, and it is unlikely that more than a very small amount of bauxite, if any, exists any where in this property. Any holes drilled on this property would necessarily reach bedrock at a shallow depth. As the cost of exploration drilling of holes here would be small, it is suggested that no more than 2 or 3 holes, if any, be drilled at selected localities to confirm this.

14. Adequate exploration drilling on the properties listed should not require any where near the number (430) of the drill holes mentioned in Item 24, nor should the cost be nearly as large as estimated ($59,610). The total number of holes required should be less than 75 and the average depth less than 150 feet.

15. While we have not undertaken to review in detail the itemized costs for the project, we note that under Item 8 are rental costs for the year that amount to the purchase price or even more of the equipment. As the applicant presumably owns this equipment, the charge appears to be excessive.

16. Item 21 of your application indicates that extensive mapping of geologically unemployed areas in both Pulaski and Saline Counties is to be included in the project. The extensive cost of supervision ($10,300), your Item 23 (B), and car operation and maintenance ($1,625), Item 23 (I), relative to total project cost seems to substantiate this indication.

We believe that extensive mapping in these two counties is not justified and may account in considerable measure for the high estimated cost of the project. On the other hand, it seems improbable that 450 test-holes mostly ranging from 50—150-feet in depth could be completed with the $59,410 estimated cost of the project.

Please supply the items listed above, at your earliest convenience, so that we can complete this case. We should like to have your comments and clarification of the matters discussed above so that we may be better able to arrange the details of the contract.

Sincerely yours,

(Signed) CE 9-27

H. L. Hoehmann
Chief, Light Metals Branch

GHAllen:amb
Typed 9/27/51

Copies to: Mr. Lyon
Reports & Records (EMA 1986X) ✓

P. A. DULIN, PRESIDENT

MARGARET PAYNTER, SEC'Y-TREAS.

DULIN BAUXITE CO., INC.

HIGH GRADE CRUDE, DRIED AND CALCINED BAUXITE ORES

OFFICE PHONE 4-4758

SWEET HOME, ARKANSAS

September 24, 1951

Mr. Robert E. Adams, Chief
Reports and Records Unit
Defense Minerals Administration
Washington, D. C.

Subject: Dulin Bauxite Co., Inc.
Re: Exploration Loan

Dear Mr. Adams:

My company received a letter of acknowledgement to our application dated August 20, 1951 for an exploration loan. Our docket number is DMA-1986 which has been reffered to the Light Metals Branch.

We are holding up our drilling program at the present time pending upon your approval of the exploration project which was drawn up by the writer.

At your earliest convenience, I would like to know what decision has been reached on the purposed project mentioned previously.

Sincerely yours,

Thomas B. Wilhite

Thomas B. Wilhite, Geogolist
DULIN BAUXITE COMPANY, INC.

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C.
SEP 26 3 41 PM '51

OFFICAL FILE COPY

To	Init.	Date
320	cc	9-27
210		

RECEIVED
SEP 27 1951
Ans'd 237

August 20, 1951

Mr. P. A. Dulin, President
Dulin Bauxite Company, Inc.
Sweet Home, Arkansas

Subject:
Re: Dulin Bauxite Exploration Loan

My dear Mr. Dulin:

This will acknowledge receipt of your application dated August 20, 1951 for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMA-1986 and referred to the Light Metals Branch.

Kindly refer to DMA-1986 in any future correspondence relating to your application.

Sincerely yours,

Robert E. Adams

Robert E. Adams, Chief
Reports and Records Unit