FILE COPY
SURNAME:

Barr

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

July 3, 1951

Memorandum

To: Executive Secretary, DMA

From: Chief, Industrial Minerals Branch, DMA

Subject: DMA-1313A; Kyanite;
Aluminum Silicates Co.
11616 Sherman St.
Los Angeles 49, Calif.

Central recommendations:

1. No geologic basis furnished to justify project.

2. Deposit well known to DMA. No evidence known to show that strategic grade material might be found.

We are enclosing the entire docket which includes:

1. Review of Application
2. Form NF-103 and attachments

James Barr
James A. Barr, Jr.

Approved:

Tom Lyon

RW:mas

cc: Mr. Lyon
Mr. Barr
DMA Files

Tom Lyon, Director
Supply Division

a. E. C.

July 5, 1951

Aluminum Silicates Co.
11616 Chehault St.
Los Angeles 49, Calif.

Subject: DMA-1313X
Kyanite

Gentlemen:

Your application for aid for an exploration project on Kyanite deposit located near Ogilby, California and docketed as DMA-1313, has been reviewed by this office.

Projects approved by the Defense Minerals Administration must, in its judgment, show definite promise of yielding material of acceptable grade, physical character and specifications, in quantities that will significantly improve the mineral supply position for national defense.

A very careful study of your proposal revealed the following:

1) A geologic basis for expecting to encounter Strategic grade Kyanite has not been supplied.

2) While the deposit is known to have produced substantial quantities of Kyanite concentrates, there is no record of presence of Strategic grade Kyanite.

3) A review of U. S. Geological Survey data on the deposit has failed to produce evidence that Strategic grade Kyanite might be found in the deposit.

Under these circumstances, your application for exploration aid to the extent of 90% of $10,000 is denied. Should additional information become available, we would be glad to have you resubmit your proposal for consideration.

Sincerely yours,

Tom Lyon

Tom Lyon, Director
Supply Division

RW:Mas Field Team Region III (2)

cc: Mr. Strobel DMA Files
Mr. Lyon
Mr. Barr

FILE COPY
SURNAME:

Barr

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

G. E. C. -

July 5, 1951

Alumina Pilipatos Co.
11615 Sherault St.
Los Angeles 49, Calif.

Subject: DMA-1313X
Kyanite

Gentlemen:

Your application for aid for an exploration project on kyanite deposit located near Ogilby, California and designated as DMA-1313, has been reviewed by this office.

Projects approved by the Defense Minerals Administration must, in its judgment, show definite promise of yielding material of acceptable grade, physical character and specifications, in quantities that will significantly improve the mineral supply position for national defense.

A very careful study of your proposal revealed the following:

1) A geologic basis for expecting to encounter strategic grade kyanite has not been supplied.

2) While the deposit is known to have produced substantial quantities of kyanite concentrates, there is no record of presence of strategic grade kyanite.

3) A review of U. S. Geological Survey data on the deposit has failed to produce evidence that strategic grade kyanite might be found in the deposit.

Under these circumstances, your application for exploration aid to the extent of five of eight holes is denied. Should additional funds become available, we would be glad to have you resubmit your proposal for exploration.

Sincerely yours,

Copies: Field Team Region III (2) Tom Lyon

Copy: Mr. Strobel DMA Files Tom Lyon, Director
Mr. Lyon Geol. Division
Mr. Barr

July 5, 1951

Aluminum Silicates Co.
11616 Chenault St.
Los Angeles 49, Calif.

Subject: DMA-1313X
Kyanite

Gentlemen:

Your application for aid for an exploration project on Kyanite deposit located near Ogilby, California and docketed as DMA-1313, has been reviewed by this office.

Projects approved by the Defense Minerals Administration must, in its judgment, show definite promise of yielding material of acceptable grade, physical character and specifications, in quantities that will significantly improve the mineral supply position for national defense.

A very careful study of your proposal revealed the following:

1) A geologic basis for expecting to encounter Strategic grade Kyanite has not been supplied.

2) While the deposit is known to have produced substantial quantities of Kyanite concentrates, there is no record of presence of strategic grade Kyanite.

3) A review of U. S. Geological Survey data on the deposit has failed to produce evidence that strategic grade Kyanite might be found in the deposit.

Under these circumstances, your application for exploration aid to the extent of 90% of $16,000 is denied. Should additional information become available, we would be glad to have you resubmit your proposal for consideration.

Sincerely yours,

Tom Lyon, Director
Supply Division

RW:Mas Field Team Region III (2)

cc: Mr. Strobel DMA Files
Mr. Lyon
Mr. Barr

Name of Company Aluminum Silicates, Inc.
Street Address 11616 Santa Monica Blvd.
City and State Los Angeles, Calif.

Subject: DMA-1413-X

Gentlemen:

Your application for aid for an exploration project on Kyanite deposit located ~~in~~ near Ogilby, California and docketed as DMA-_____, has been reviewed by this office.

~~Exploration projects as defined in MM-5, Regulations Governing Government Aid in Defense Exploration Projects, must be confined to work necessary to search for unknown or undeveloped sources of strategic minerals; the work must be confined to a reasonable delineation and sampling of the ore and may not include work procured primarily for mining or preparation for mining.~~

A very careful study of your proposal revealed the following:

Projects approved by the Defense Minerals Administration must in its judgment show definite promise of yielding material of acceptable quality, physical character and specifications, in quantities that will significantly impact the mineral supply position for National Defense.

~~Under these circumstances,~~ your application for exploration aid to the extent of ____% of $_____ is denied. Should additional information become available, we would be glad to have you resubmit your proposal for consideration.

Sincerely yours,

Tom Lyon, Director
Supply Division

Enclosures
~~(5 copies each of MF-100, 101, and 102)~~

Name of Company
Street Address
City and State

Subject: DMA-_____

Gentlemen:

Your application for aid for an exploration project on _____ deposit located in _____ and docketed as DMA-_____, has been reviewed by this office.

Exploration projects as defined in MO-5, Regulations Governing Government Aid in Defense Exploration Projects, must be confined to work necessary to search for unknown or undeveloped sources of strategic minerals; the work must be confined to a reasonable delineation and sampling of the ore and may not include work prosecuted primarily for mining or preparation for mining.

A very careful study of your proposal revealed the following:

1) a geologic basis for expecting to encounter strategic grade Kyanite has not been supplied.
2) Which the deposit is known to have produced substantial quantities of Kyanite concentrates, [illegible] in a record of reserves of strategic grade Kyanite.
3) a review of U.S. Geological Survey data on the deposit has failed to produce evidence that strategic grade Kyanite might be found in the deposit.

Under these circumstances, your application for exploration aid to the extent of 66 % of $ 11 000 is denied. Should additional information become available, we would be glad to have you resubmit your proposal for consideration.

Sincerely yours,

Tom Lyon, Director
Supply Division

~~Enclosures~~
~~(5 copies each of MF-100, 101, and 102)~~

To - Lyon

From - Bon

Subject - 1313-K

Denial Recommended for -

1) No geologic basis furnished to justify project.

2) Deposit well known to U.S.G.S. No consistent known to what extent strategic grade material might be found.

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

July 3, 1951

G. E. C.

Memorandum

To: Executive Secretary, DMA

From: Chief, Industrial Minerals Branch, DMA

Subject: DMA-1313X; Kyanite;
Aluminum Silicates Co.
11616 Chenault St.
Los Angeles 49, Calf.

Denial recommended because:

1) No geologic basis furnished to justify project.

2) Deposit well known to USGS. No evidence known to show that strategic grade material might be found.

We are enclosing the entire docket which includes:

1. Review of Application
2. Form MF-103 and attachments

James C. Dan

James A

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 9 - 1951

Approved:

Tom Lyon

Tom Lyon, Director
Supply Division

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

DMA

Docket No. DMA 1313 X

Commodity Kyanite (strategic)

Total Amount $10,000

Govt. Participation $9,000

1. Name and Address of Applicant Aluminum Silicates Co.
11618 Chenault St., Los Angeles 49, Calif.

2. Location of Property Ogilby, Calif.

3. Mineral or metal Kyanite Is it listed in Section 9 of MO-5? YES

If not, application will be rejected.

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good

b) Poor for Kyanite of strategic quality

c) None

d) Don't know—needs field examination see memo attached

e) Is there an alternative and favorable project?
(If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? Yes, owner
(question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached? —

Does the lease have sufficient time to run to cover a future productive period? —

*question numbers are those of MF-103

DMA-1313X

Attachment to answer DMA question 16

16. Applicant gives no specific information of his own on the geology of the deposit, but refers to published descriptions. Deposit has been an important producer of kyanite concentrates during the period of operation by the Vitrefax Corporation (from about 1925 to 1946). The ore contains up to 40% kyanite in quartzite and quartz-sericite schist, and is presumably similar to the ore now being mined at Baker Mountain, Virginia, and Henry Knob, South Carolina. Presumably the kyanite concentrate produced from the Ogilby ore is similar to the concentrates from Baker Mountain and Henry Knob -- that is, it is <u>not</u> of strategic quality.

The Ogilby kyanite deposit is an important deposit of the disseminated type, but no evidence is known to the reviewer that strategic grade kyanite occurs there. Since the Vitrefax Corporation worked the deposit for about 20 years, it seems probable that they would have discovered strategic grade kyanite if it were present.

It is believed that the application can be denied on the basis that mining over a period of about 20 years has not demonstrated the presence of strategic grade kyanite to the knowledge of the reviewer. Additional information on this point may be had from:

Hewitt Wilson → 1) Bureau of Mines' Electrotechnical Laboratory, Norris, Tenn.

→ 2) Dr. Ian Campbell (U. S. Geological Survey) California Institute of Technology, Pasadena, California; he has done considerable work on the deposit in recent years, but work was not for U. S. Geological Survey and information is not in our files.

G. H. Espenshade

Too difficult to concentrate, Product very fine & not for strategic grade — Phone conversation 6/22 JRW

1313-B

7. Are subordination agreements necessary? NO

   a) MF-201? _____

   b) MF-202 _____

8. From the data presented, does the proposed project appear feasible from the point of view of:

   a) Available manpower Yes

   b) Equipment and supplies Yes
      (Question 14 plus general knowledge of availability)*

   c) Accessibility (question 12)* Yes

   d) Water (question 13)* Yes

   e) Power (question 13)* Yes

   Is a field check needed on any of these points? NO

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* Insufficient data

   Is a field check needed on this point? Yes

10. Exhibit A. (questions 21 and 22)*

   a) Is the project adequately described? Yes, except for map showing location of proposed airstrip

      If not, are there sufficient data given so that you can describe the project? _____ If so, attach a draft.

   b) Is there an adequate map or sketch of the proposed work? NO

   c) Is the proposed work "exploration" under the definition of Section 8, MO-5? Yes

      If not, what part of it is? _____

1313-7

Is this part a worthwhile exploration project? _____

d) Are the cost estimates detailed? NO

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? NO If so, attach a draft.

e) Are the cost estimates reasonable? Yes

f) Should more information be requested from applicant? Yes

Breakdown of 23 h) i)

g) Is a field examination necessary to complete Exhibit A? Yes

11. Exhibit B (question 23-d)*

a) Is it applicable? Not Applicable

b) If so, are sufficient data furnished? _____ If so, attach a draft.

c) Is a field check needed? _____

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable? g only

b) Sufficient data? NO If so, attach a draft.

c) Are rents and charges reasonable? Yes

d) Is a field check needed? Check adequacy & condition of equipment.

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data? Yes

b) Is the schedule adequate for the work proposed? Yes

c) Is the schedule excessive for the work proposed? No

d) Are the proposed wages and salaries reasonable? Yes

e) Is a field check needed? NO

14. Exhibit E (question 23-c)*

a) Is it applicable? Not Applicable

b) Sufficient data?

c) Reasonable?

d) Field check needed?

15. In your judgment, can the proposed work be done in the proposed time? Yes

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? Is there any Evidence of Strategic Hydrate? Enough to justify drilling? If so help Applicant prepare a more detailed drilling program (location of holes, etc) and re-seismic schedule.

Reviewed by:

Date

97692

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

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

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

DO NOT FILL IN THIS BLOCK

Docket No. DMA 1313X

Date received 5-29-51

Participation

Aluminum Kaliosten Co.
11616 Chenault St.
Los Angeles 49, Calif.

Name and address of applicant

Date May 21, 1951

FILL IN THIS BLOCK

Date of application May 21, 1951

Estimated cost $10,000.00

Mineral or metal Kyanite

Percentage of Government participation 90%

Location of mine Orilloy, California

Date of filing MF-100

DMA Docket Number, if available 1313X

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

    NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.
*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.
*13. State source and quantity of water available for operations and its sufficiency at all seasons.
State amount of power to be used, rate per hour or other cost, and source.
*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.
15. State in detail how the ore could be shipped and how and where milled.
*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.
*17. Production:
    (*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.
19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?
21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.
22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.
24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

Aluminum Silicates Co
(Name of company)

By Scott Poffenberg
(Signature of authorized official)

May 21-1951
(Date)

Partner
(Title)

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

(SPACE BELOW FOR FILING STAMP ONLY)

SCOTT POFFENBERG
ATTORNEY
11616 CHENAULT STREET
LOS ANGELES 49
ARIZONA 3-1336

Attorney for.....

APPLICANT'S STATEMENT

1. Partnership
2. Robert K. Foster, Scott Poffenberg
3. Not incorporated
4. Robert K. Foster, age 44, Captain Los Angeles Fire Department, co-developer and owner of Iron deposit in San Bernardino County sold to Kaiser Steel Co.
   Scott Poffenberg, age 49, Attorney, Member American Ceramic Society, Retired Captain Los Angeles Fire Department, Former member Mining Committee of Los Angeles Chamber of Commerce, Lt. Col. U.S. Army Reserve.
5. Owners of mining claims.
6. none
7. -
8. Vitrefrax Corporation carried property on books at $50,000.00. Present owners have not sold any raw material from property to date but have expended over $4,000.00 for equipment and development not counting assessment labor.
9. One thousand dollars in form of cash, labor and rental of diamond drilling and compressor equipment.
10. a) b) Blue Birds 1,2, and 3 as recorded in Book No. 168 at page 10,11,12,13,14,15,16 of Official Records in the office of the County Recorder of Imperial County, California.
11. Blue Bird Hill
12. Property is located three miles North East of Ogilby, California, and Southern Pacific Railroad where owners hav

leading ramp and a 300 feet spur track. Road from mine to Ogilby is level and well graded.

13. Water is available for diamond drilling from several wells in the area. Power will be gasoline engine on drill and compressor.

14. Diamond Drill about 600 ft. capacity using AX drill rods, 900 ft. using EX rods,- compressor and hammer (small), 3 room house for drilling crew, ½ ton utility truck.

15. This cannot be answered at this time.

16. This property was operated by Vitrefrax Corporation for a period of years prior to acquisition by present owners. Vitrefrax Corporation was liquidated for reasons unknown. This property is covered in California Journal of Mines and Geology, April 1948, pages 147-196; Bulletin #99, California State Mining Bureau, page 87, and Bulletin #130 Division of Mines, State of California, page 204.

17. not in production

18. covered in 16

19. Dr. Ian Campbell of Cal Tech. and Loren Wright of California Division of Mines have done some work on this deposit and are offered as references concerning the geology.

20. Kyanite (strategic)

21. A diamond drilling program covering claim area to outline ore body and possibilities of uncovered deposits, estimated time 6 months.

22. Covered in 16

22. a) Driller $15.00 per day, 180 days $2,700.00
Helper 10.00 " " " " 1,800.00
b none
c none
d none
e none
f none
g diamond drill and compressor and hammer and ½ ton utility truck $6.00 per day 1,000.00
h diamond bits, casing, core barrels 3,000.00
i hauling water, gasoline, lubricants, maintenance 2,000.00
assays and miscellaneous contingencies 500.00
10,000.00

loading area and a 300 foot spur track. Road from mine to Quiroy is level sand trail grade.

12. Water is available for diamond drilling from nearest wells in the area. Power will be gasoline engine or drill and compressor.

13. Diamond drill about 600 ft. capacity using AX drill rods, 300 ft. using BX rods. Compressor and tanker (small). 3 room house for drilling crew, 4 tent utility house.

14. This deposit is described on this page.

15. This property was reported by Interior Department as a special of very point to acquisition by personal log a, Pittsburgh Corporation was interested for tungsten mineral. This property is covered in Bulletin to Journal of Mines and Geology, April 1943, pages 147-148; Bulletin 108, California State Mining Bureau, page 87, and Bulletin 1100 Division of Mines, State of California, page 174.

16. Not in production.

17. Covered in 18.

18. Dr. Ian Campbell of Mt Kosk, and Lewis Wright of Mt Pinto Mining Division of Mines have done some work on this property and the officers in charge are currently log the geology.

19. Layers (sedimentary)

20. A diamond drilling program covering three area to outline ore body and determine of accurate tonnage, estimated time 6 months.

21. Covered in 18

22. a) Drill 20.00 per day, 180 days 3,600.00
Salary 10.00 " " " 1,800.00
Food
Food
Food
Food
Food
Food
2 diamond drill and compressor and tanker and 4 men drilling crew 4000.00 per day 1,200.00
4 diamond bits, reaming, core barrels 8,000.00
2 sets rods, casing, fishing, tailstock, maintenance 5,000.00
Assay and miscellaneous administration 10,000.00

24. Project to start 30 days after approval and to be completed in 180 working days; estimated footage of XX drill hole 3000 feet.

FILE COPY
SURNAME:

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

June 7, 1951

Mr. Scott Poffenberg
Partner
Aluminum Silicates Co.
11616 Chenault Street
Los Angeles 49, California

Subject: DMA-1313X
Re: Exploration Loan
Blue Bird Hill

My dear Mr. Poffenberg:

Receipt is acknowledged of your application and attachments of May 29, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1313X and was referred to Mr. James A. Barr, Chief, Industrial Minerals Branch on May 29, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1313X.

Sincerely yours,

LANDON F. STROBEL
js

Landon F. Strobel
Executive Secretary

LFSTROBEL:js
cc: Strobel-2
Files
Barr
Lyon

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 1313-5

Commodity Kyanite

Total Amount $10,000

Govt. Participation 90%

1. Name and Address of Applicant Aluminum Silicate Co
11615 Pierce St, Los Angeles, Calif.

2. Location of Property Ogilby, Cal

3. Mineral or metal Kyanite Is it listed in Section 9 of MO-5? Yes

If not, application will be rejected.

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good

b) Poor ✓ see Espinosa memo

c) None

See memo attached

d) Don't know—needs field examination

e) Is there an alternative and favorable project?
(If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? Yes, owner
(question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached? —

Does the lease have sufficient time to run to cover a future productive period? —

*question numbers are those of MF-103

DMA-1313X

Attachment to answer DMA question 16

16. Applicant gives no specific information of his own on the geology of the deposit, but refers to published descriptions. Deposit has been an important producer of kyanite concentrates during the period of operation by the Vitrefax Corporation (from about 1925 to 1946). The ore contains up to 40% kyanite in quartzite and quartz-sericite schist, and is presumably similar to the ore now being mined at Baker Mountain, Virginia, and Henry Knob, South Carolina. Presumably the kyanite concentrate produced from the Ogilby ore is similar to the concentrates from Baker Mountain and Henry Knob -- that is, it is <u>not</u> of strategic quality.

The Ogilby kyanite deposit is an important deposit of the disseminated type, but no evidence is known to the reviewer that strategic grade kyanite occurs there. Since the Vitrefax Corporation worked the deposit for about 20 years, it seems probable that they would have discovered strategic grade kyanite if it were present.

It is believed that the application can be denied on the basis that mining over a period of about 20 years has not demonstrated the presence of strategic grade kyanite to the knowledge of the reviewer. Additional information on this point may be had from:

1) Bureau of Mines' Electrotechnical Laboratory, Norris, Tenn.

2) Dr. Ian Campbell (U. S. Geological Survey) California Institute of Technology, Pasadena, California; he has done considerable work on the deposit in recent years, but work was not for U. S. Geological Survey and information is not in our files.

G. H. Espenshade

GHEspenshade:jeh
G-6/13/51

1319-A

7. Are subordination agreements necessary? NO

   a) MF-201? _____

   b) MF-202 _____

8. From the data presented, does the proposed project appear feasible from the point of view of:

   a) Available manpower Yes

   b) Equipment and supplies Yes
      (Question 14 plus general knowledge of availability)*

   c) Accessibility (question 12)* Yes

   d) Water (question 13)* Yes

   e) Power (question 13)* Yes

   Is a field check needed on any of these points? NO

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* Insufficient data

   Is a field check needed on this point? Yes

10. Exhibit A. (questions 21 and 22)*

    a) Is the project adequately described? Yes, except for map showing Location of proposed drilling
       If not, are there sufficient data given so that you can describe the project? _____ If so, attach a draft.

    b) Is there an adequate map or sketch of the proposed work? NO

    c) Is the proposed work "exploration" under the definition of Section 8, MO-5? Yes
       If not, what part of it is? _____

1313-7

Is this part a worthwhile exploration project? _____

d) Are the cost estimates detailed? NO

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? NO If so, attach a draft.

e) Are the cost estimates reasonable? Yes

f) Should more information be requested from applicant? Yes

g) Is a field examination necessary to complete Exhibit A? Yes Breakdown of 23 h) i)

11. Exhibit B (question 23-d)*

a) Is it applicable? Not Applicable

b) If so, are sufficient data furnished? _____ If so, attach a draft.

c) Is a field check needed? _____

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable? g only

b) Sufficient data? NO If so, attach a draft.

c) Are rents and charges reasonable? Yes

d) Is a field check needed? Check adequacy & condition of equipment.

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data? Yes

b) Is the schedule adequate for the work proposed? Yes

c) Is the schedule excessive for the work proposed? NO

d) Are the proposed wages and salaries reasonable? Yes

e) Is a field check needed? NO

14. Exhibit E (question 23-c)*

a) Is it applicable? Not Applicable

b) Sufficient data?

c) Reasonable?

d) Field check needed?

15. In your judgment, can the proposed work be done in the proposed time? yes

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? Is there any Evidence of Strategic Kyanite? Enough to justify Drilling? If so help Applicant prepare a more detailed drilling program (location of holes, etc) and re-submit schedule.

Reviewed by:

Date 6/15/51

97692

June 20, 1951

Aluminum Silicates Co.
11616 Chenault St.,
Los Angeles 49, Calf.

Subject: DMA 1313X

Dear Sir:

Your application is bei g referred to Mr. H.C. Miller, 1415 Appraisers Building, San Francisco, California, Executive Officer of the Field Team, Region III, for further information.

Sincerely yours,

Tom Lyon, Director
Supply Division

RW:mas

cc: Administrator's Reading File
Mr. Strobel
Field Team
Mr. Barr
DMA Files

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

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

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

DO NOT FILL IN THIS BLOCK

Docket No. DMA 1313t

Date received 5-25-51

Participation

Name and address of applicant

[illegible] Williams Co.
11616 Chenault St.
Los Angeles 49, Calif.

Date May [illegible], 1951

FILL IN THIS BLOCK

Date of application May 21, 1951

Estimated cost 10,000.00

Mineral or metal Gypsum

Percentage of Government participation 90%

Location of mine Lilby, California

Date of filing MF-100

DMA Docket Number, if available 1313t

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

    NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.
*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.
*13. State source and quantity of water available for operations and its sufficiency at all seasons.
State amount of power to be used, rate per hour or other cost, and source.
*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.
15. State in detail how the ore could be shipped and how and where milled.
*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.
*17. Production:
    (*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.
19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?
21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.
22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.
24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

Aluminum Silicates Co — (Name of company)

By Scott Poffenberg — (Signature of authorized official)

May 21-1951 — (Date)

Partner — (Title)

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

(SPACE BELOW FOR FILING STAMP ONLY)

SCOTT POFFENBERG
ATTORNEY
11616 CHENAULT STREET
LOS ANGELES 49
ARIZONA 3-1336

Attorney for.....

APPLICANT'S STATEMENT

1. Partnership
2. Robert K. Foster, Scott Poffenberg
3. Not incorporated
4. Robert K. Foster, age 44, Captain Los Angeles Fire Department, co-developer and owner of Iron deposit in San Bernardino County sold to Kaiser Steel Co.
   Scott Poffenberg, age 49, Attorney, Member American Ceramic Society, Retired Captain Los Angeles Fire Department, Former member Mining Committee of Los Angeles Chamber of Commerce, Lt. Col. U.S. Army Reserve.
5. Owners of mining claims.
6. none
7. -
8. Vitrefrax Corporation carried property on books at $50,000.00. Present owners have not sold any raw material from property to date but have expended over $4,000.00 for equipment and development not counting assessment labor.
9. One thousand dollars in form of cash, labor and rental of diamond drilling and compresser equipment.
10. a) b) Blue Birds 1,2, and 3 as recorded in Book No. 168 at page 10,11,12,13,14,15,16 of Official Records in the office of the County Recorder of Imperial County, California.
11. Blue Bird Hill
12. Property is located three miles North East of Ogilby, California, and Southern Pacific Railroad where owners have a

loading ramp and a 300 feet spur track. Road from mine to Ogilby is level and well graded.

13. Water is available for diamond drilling from several wells in the area. Power will be gasoline engine on drill and compressor.

14. Diamond Drill about 600 ft. capacity using AX drill rods, 900 ft. using NX rods,- compressor and hammer (small), 8 room house for drilling crew, ½ ton utility truck.

15. This cannot be answered at this time.

16. This property was operated by Vitrefrax Corporation for a period of years prior to acquisition by present owners. Vitrefrax Corporation was liquidated for reasons unknown. This property is covered in California Journal of Mines and Geology, April 1942, pages 147-196; Bulletin #99, California State Mining Bureau, page 87, and Bulletin #130 Division of Mines, State of California, page 204.

17. not in production

18. covered in 16

19. Dr. Ian Campbell of Cal Tech. and Loren Wright of California Division of Mines have done some work on this deposit and are offered as references concerning the geology.

20. Kyanite (strategic)

21. A diamond drilling program covering claim area to outline ore body and possibilities of uncovered deposits, estimated time 6 months.

22. Covered in 16

23. a) Driller $15.00 per day, 180 days $2,700.00
Helper 10.00 " " " " 1,800.00
b none
c none
d none
e none
f none
g diamond drill and compressor and hammer and ½ ton utility truck $6.00 per day 1,000.00
h diamond bits, casing, core barrels 3,000.00
i hauling water, gasoline, lubricants, maintenance 2,000.00
assays and miscellaneous contingencies 500.00
10,000.00

loading zone and a 300 foot spur track. Road from camp to County is level and well graded.

12. Water is available for diamond drilling from several wells in the area. Power will be gasoline engine or drill rig generator.

13. Needed drill about 800 ft. capacity using 4" drill rods. 500 ft. casing 4x rods, - compressor and tanks (small), 5 hose connector drilling crew, 1 ton utility truck.

15. Claim covered by assessed as this time.

16. Title property was operated by Vitreflex Corporation for a period of years prior to nonpatent by present owners. Vitreflex Corporation was liquidated for reasons unknown. Title property is covered in California Journal of Mines and Geology, April 1944, page 144; bulletin 45D, California State Mining Bureau, page 47, and Bulletin 41D Division of Mines, State of California, page 204.

17. Not in production

18. covered in 16

19. 1c. Low dumpfill of Dal Tech. and Lorem Ipsum of Gallicania Division of Mines have done some work on this deposit and are offered as references concerning the geology.

20. Granite (aplite)

21. A diamond drilling program covering claim area to outline ore body and possibilities of uncovered deposits, estimated time 3 months.

22. Covered in 10

23. A. Drill per day, 120 days $52,700.00
Helper 1,500 " " " 1,800.00
B None
C None
D None
E None
F None
G Diamond drill and compressor and tanker and 5 ton utility truck (1.00 per day) 1,000.00
H Diamond bits, reaming, core barrels 2,000.00
I Drilling mudder, chemicals, laboratory, laboratory 3,000.00
camera and miscellaneous contingencies 500.00
$60,500.00

24. Project to start 30 days after approval and to be completed in 180 working days; estimated footage of EX drill hole 3000 feet.

June 7, 1951

Mr. Scott Poffenberg
Partner
Aluminum Silicates Co.
11615 [illegible]
Los Angeles 49, California

Subject: DMA-1313X
Re: Exploration Loan
Blue Bird Hill

My dear Mr. Poffenberg:

Receipt is acknowledged of your application and attachments of May 29, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1313X and was referred to Mr. James A. Barr, Chief, Industrial Minerals Branch on May 29, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1313X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

LFSTROBEL:js
cc: ✓Strobel-2
Files
Barr
Lyon

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

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

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

DO NOT FILL IN THIS BLOCK

Docket No. DMA 1313X

Date received 5-29-51

Participation

Aluminum Silicates Co.
11316 Chenault St.
Los Angeles 49, Calif.

Name and address of applicant

Date May 21, 1951

FILL IN THIS BLOCK

Date of application May 21, 1951

Estimated cost $10,000.00

Mineral or metal Kyanite

Percentage of Government participation 90%

Location of mine Ogilby, California

Date of filing MF-100

DMA Docket Number, if available 1313X

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

    NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.
*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.
*13. State source and quantity of water available for operations and its sufficiency at all seasons.
State amount of power to be used, rate per hour or other cost, and source.
*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.
15. State in detail how the ore could be shipped and how and where milled.
*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.
*17. Production:
    (*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.
19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?
21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.
22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.
24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

Aluminum Silicates Co — (Name of company)

By Scott Poffenberg — (Signature of authorized official)

May 21 - 1951 — (Date)

Partner — (Title)

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

*Same as footnote on page 1.

16—64087-1 U. S. GOVERNMENT PRINTING OFFICE

(SPACE BELOW FOR FILING STAMP ONLY)

SCOTT POFFENBERG
ATTORNEY
11616 CHENAULT STREET
LOS ANGELES 49
ARIZONA 3-1336

Attorney for.....

APPLICANT'S STATEMENT

1. Partnership
2. Robert K. Foster, Scott Poffenberg
3. Not incorporated
4. Robert K. Foster, age 44, Captain Los Angeles Fire Department, co-developer and owner of Iron deposit in San Bernardino County sold to Kaiser Steel Co.
   Scott Poffenberg, age 49, Attorney, Member American Ceramic Society, Retired Captain Los Angeles Fire Department, Former member Mining Committee of Los Angeles Chamber of Commerce, Lt. Col. U.S. Army Reserve.
5. Owners of mining claims.
6. none
7. -
8. Vitrefrax Corporation carried property on books at $50,000.00. Present owners have not sold any raw material from property to date but have expended over $4,000.00 for equipment and development not counting assessment labor.
9. One thousand dollars in form of cash, labor and rental of diamond drilling and compressor equipment.
10. a) b) Blue Birds 1,2, and 3 as recorded in Book No. 168 at page 10,11,12,13,14,15,16 of Official Records in the office of the County Recorder of Imperial County, California.
11. Blue Bird Hill
12. Property is located three miles North East of Ogilby, California, and Southern Pacific Railroad where owners have a

loading ramp and a 300 feet spur track. Road from mine to Ogilby is level and well graded.

13. Water is available for diamond drilling from several wells in the area. Power will be gasoline engine on drill and compressor.

14. Diamond Drill about 600 ft. capacity using AX drill rods, 900 ft. using EX rods,- compressor and hammer (small), 3 room house for drilling crew, ½ ton utility truck.

15. This cannot be answered at this time.

16. This property was operated by Vitrefrax Corporation for a period of years prior to acquisition by present owners. Vitrefrax Corporation was liquidated for reasons unknown. This property is covered in California Journal of Mines and Geology, April 1942, pages 147-196; Bulletin #99, California State Mining Bureau, page 87, and Bulletin #130 Division of Mines, State of California, page 204.

17. not in production

18. covered in 16

19. Dr. Ian Campbell of Cal Tech. and Loren Wright of California Division of Mines have done some work on this deposit and are offered as references concerning the geology.

20. Kyanite (strategic)

21. A diamond drilling program covering claim area to outline ore body and possibilities of uncovered deposits, estimated time 6 months.

22. Covered in 16

23. a) Driller $15.00 per day, 180 days $2,700.00
Helper 10.00 " " " " 1,800.00
b none
c none
d none
e none
f none
g diamond drill and compressor and hammer and ½ ton utility truck $6.00 per day 1,000.00
h diamond bits, casing, core barrels 3,000.00
i hauling water, gasoline, lubricants, maintenance 2,000.00
assays and miscellaneous contingencies 500.00
10,000.00

loading ramp and a 300 foot spur track. Road from mine to Ogilby is level and well graded.

13. Water is available for diamond drilling from several wells in the area. Power will be gasoline engine on drill and compressor.

14. Diamond drill about 800 lb. capacity using AX drill rods, 200 ft. using BX rods,- compressor and hoist (small) 3 room house for drilling crew, ½ ton utility truck.

15. This cannot be answered at this time.

16. This property was operated by Vitreflex Corporation for a period of years prior to acquisition by present owner. Vitreflex Corporation was liquidated for income purposes. This property is covered in California Journal of Mines and Geology, April 1942, pages 147-150; Bulletin #32, California State Mining Bureau, page 87, and Bulletin #120 Division of Mines, State of California, page 304.

17. Not in production

18. Covered in 16

19. Dr. Ian Campbell of Cal Tech. and Loren Wright of Calif. Div. Division of Mines have done some work on this deposit and are efforts as references concerning the geology.

20. Kyanite (andalusite)

21. A diamond drilling program covering claim area to outline ore body and possibilities of uncovered deposits, estimated time 6 months.

22. Covered in 16

23. a) Drill $25.00 per day, 180 days $4,500.00
Helper 10.00 " " " " 1,800.00
b) None
c) None
d) None
e) None
f) None
g) Diamond drill and compressor and hoist and ½ ton utility truck $20.00 per day 1,000.00
h) Diamond bits, casing, core barrels 6,000.00
i) Hauling water, trucking, drilling, hoisting, maintenance 8,000.00
assays and miscellaneous contingencies 2,000.00
$22,300.00

24. Project to start 30 days after approval and to be completed in 180 working days; estimated footage of EX drill hole 3000 feet.

May 8, 1951

Mr. Scott Poffenberg
Aluminum Silicates Company
11616 Chenault Street
Los Angeles, California

Dear Mr. Poffenberg:

This is in response to your letter of April 23, 1951, answer to which has been withheld pending authorization of the Defense Minerals Administration exploration program.

Enclosed is a copy of the regulations pertaining thereto, Form MO-5, and also five copies each of Form MF-100 (General Technical Data) and Form MF-103 (Application for Aid for an Exploration Project).

If you are interested in participating, please complete the above forms in quadruplicate and return to this office.

Very truly yours,

P. R. Bradley
lc

P. R. Bradley, Jr., Chief
Chrome-Manganese-Tungsten Branch

Enclosure

TJBallard:vwm

CC: Adm. Reading File
Mr. Strobel
Mr. Bradley
Files

REGIONAL DIRECTOR

UNITED STATES
DEPARTMENT OF THE INTERIOR

BUREAU OF MINES
1415 U. S. APPRAISERS BLDG.,
630 SANSOME STREET,
SAN FRANCISCO 11, CALIF.

May 22, 1951

Memorandum

To: Defense Minerals Administration, Washington, D. C.

From: Executive Officer, DMA Field Team, Region III

Subject: Exploratory Loan Application - Aluminum Silicates Co.
11616 Chenault Street, Los Angeles 49, California
Kyanite

Attached is a set of four applications for an exploration loan sent to this office by the subject company, dated May 21, 1951.

H. C. Miller
Executive Officer, DMA Field Team
Region III

Attachment

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

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

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

DO NOT FILL IN THIS BLOCK

Docket No. DMA 1313 X

Date received 5-29-51

Participation

Aluminum Silicates Co.
11616 Chenault St.
Los Angeles 49, Calif.

Name and address of applicant

Date May 21, 1951

FILL IN THIS BLOCK

Date of application May 21, 1951

Estimated cost $10,000.00

Mineral or metal Kyanite

Percentage of Government participation 90%

Location of mine Ogilby, California

Date of filing MF-100

DMA Docket Number, if available 1313 X

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

    NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.
*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.
*13. State source and quantity of water available for operations and its sufficiency at all seasons.
State amount of power to be used, rate per hour or other cost, and source.
*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.
15. State in detail how the ore could be shipped and how and where milled.
*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.
*17. Production:
    (*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.
19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?
21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.
24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

Aluminum Silicates Co
(Name of company)

By Scott Poffenberg
(Signature of authorized official)

May 21 - 1951
(Date)

Partner
(Title)

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

(SPACE BELOW FOR FILING STAMP ONLY)

SCOTT POFFENBERG
ATTORNEY
11616 CHENAULT STREET
LOS ANGELES 49
ARIZONA 3-1336

Attorney for.....

APPLICANT'S STATEMENT

1. Partnership
2. Robert K. Foster, Scott Poffenberg
3. Not incorporated
4. Robert K. Foster, age 44, Captain Los Angeles Fire Department, co-developer and owner of Iron deposit in San Bernardino County sold to Kaiser Steel Co.
   Scott Poffenberg, age 49, Attorney, Member American Ceramic Society, Retired Captain Los Angeles Fire Department, Former member Mining Committee of Los Angeles Chamber of Commerce, Lt. Col. U.S. Army Reserve.
5. Owners of mining claims.
6. none
7. -
8. Vitrefrax Corporation carried property on books at $50,000.00. Present owners have not sold any raw material from property to date but have expended over $4,000.00 for equipment and development not counting assessment labor.
9. One thousand dollars in form of cash, labor and rental of diamond drilling and compressor equipment.
10. a) b) Blue Birds 1,2, and 3 as recorded in Book No. 168 at page 10,11,12,13,14,15,16 of Official Records in the office of the County Recorder of Imperial County, California.
11. Blue Bird Hill
12. Property is located three miles North East of Ogilby, California, and Southern Pacific Railroad where owners have a

loading ramp and a 300 foot spur track. Road from mine to Ogilby is level and well graded.

13. Water is available for diamond drilling from several wells in the area. Power will be gasoline engine on drill and compressor.

14. Diamond Drill about 600 ft. capacity using AX drill rods, 900 ft. using EX rods,- compressor and hammer (small), 3 room house for drilling crew, ½ ton utility truck.

15. This cannot be answered at this time.

16. This property was operated by Vitrefrax Corporation for a period of years prior to acquisition by present owners. Vitrefrax Corporation was liquidated for reasons unknown. This property is covered in California Journal of Mines and Geology, April 1942, pages 147-196; Bulletin #99, California State Mining Bureau, page 87, and Bulletin #130 Division of Mines, State of California, page 204.

17. not in production

18. covered in 16

19. Dr. Ian Campbell of Cal Tech. and Loren Wright of California Division of Mines have done some work on this deposit and are offered as references concerning the geology.

20. Kyanite (strategic)

21. A diamond drilling program covering claim area to outline ore body and possibilities of uncovered deposits, estimated time 6 months.

22. Covered in 16

23. a) Driller $15.00 per day, 180 days $2,700.00
Helper 10.00 " " " " 1,800.00
b none
c none
d none
e none
f none
g diamond drill and compressor and hammer and ½ ton utility truck $6.00 per day 1,000.00
h diamond bits, casing, core barrels 3,000.00
i hauling water, gasoline, lubricants, maintenance 2,000.00
assays and miscellaneous contingencies 500.00
10,000.00

24. Project to start 30 days after approval and to be completed in 180 working days; estimated footage of EX drill hole 3000 feet.