DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMEA ~~DMA~~ Docket No. 2629

DO NOT DETACH THIS SLIP

Action on this document is recorded and controlled in Reports and Records Branch. Any movement of this document between divisions or offices of DMA or movement outside DMA must be reported to the Reports and Records Branch. Actions taken that affect status of the case must also be reported.

This document has been recorded as

EXPLORATION PROJECT

Any action taken to change the type of request for assistance must be promptly reported to the Reports and Records Branch. Use DMA Form 2 for submitting these reports.

Routing Slip Copies to USBM and USGS. One copy was retained by Region II.

To:	Code 600, Rm. 4637	Date	7-28-52
To:	Hearne	Date	7/29/52
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CONTROLLED DOCUMENT

FILE COPY
SURNAME:

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C. 600

Hearne
Houk

SEP 26 1952

Mr. J. L. Pape
Route 1
Concrete, Washington

Subject: Docket No. DMEA-2629 - Talc
J. L. Pape
Skagit County, Washington

Dear Mr. Pape:

Reference is made to your application for exploration assistance on a talc prospect in Skagit County, Washington.

The talcose sample recently submitted has been determined to be of non-strategic quality. The Defense Minerals Exploration Administration is authorized to extend assistance to finance the costs of projects for exploration for unknown or undeveloped sources of strategic or critical minerals. Therefore, under the circumstances, we regret to inform you that your application must be denied.

Your interest in the exploration program is appreciated.

Sincerely yours,

(signed) FRANK E. JOHNSON (fw)

ACTING Administrator

F.N.
9-26-52

LHearne:gad 9/24/52

Copy to: Admin. Reading File
Operating Committee (2)
Field Team, Region II
Docket File
Mr. Dietrich, 3526
Mr. Norton, G-232 GSA Bldg.
Mr. Houk

FILE COPY
SURNAME:

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C. 600

Hearne
Houk
Wendel
Johnson
Ellis

Mr. J. L. Pape
Route 1
Concrete, Washington

Subject: Docket No. DMEA-2629 - Talc
J. L. Pape
Skagit County, Washington

Dear Mr. Pape:

Reference is made to your application for exploration assistance on a talc prospect in Skagit County, Washington.

The talc sample recently submitted has been determined to be of non-strategic quality. The Defense Minerals Exploration Administration is authorized to extend assistance to finance the costs of projects for exploration for unknown or undeveloped sources of strategic or critical minerals. Therefore, your application for exploration aid is denied.

Your interest in the exploration program is appreciated.

Sincerely yours,

Administrator

LHearne:gad 9/23/52

Copy to: Admin. Reading File
Operating Committee (2)
Field Team, Region II
Docket File
Mr. Dietrich, 3526
Mr. Norton, G-232 GSA Bldg.
Mr. Houk

Mr Hearne

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

DMEA - 2629

September 11, 1952

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

Re: Mr. J. L. Pape, Exploration loan on the Tilly Talc claim and Bridge Creek claim, Skagit County, Washington (Talc-Steatite)

Dear Sir:

Reference is made to a letter from this office dated July 22, 1952, on the captioned property. In that letter we noted that we were requesting the applicant to submit a specimen of steatite from his property and that we would test that specimen before making an examination of his property.

A talcose specimen from Mr. Pape's property has been received and tested in our laboratory. The material does not have the qualities specified of strategic steatite. It has a fibrous character and tends to split into fragments and become discolored when baked at high temperatures. The material is more like common talc or soapstone and while it may be of use in some industrial manner it should not be construed as being strategic in quality.

We see no reason for making a field examination of Mr. Pape's property and suggest that his application receive no further attention.

Sincerely,

Thor H. Kiilsgaard

Thor H. Kiilsgaard
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

cc: USBM

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

LF Hearne

July 31, 1952

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-2629, J. L. Pope, Tilly Talc Claim
Steatite Talc, Skagit County, Washington.

It is suggested that prior to recommending a field team investigation, the applicant be requested to submit samples. From statements made in the application, it is doubtful that the talc is even of high enough grade for paint, paper, or rubber industry.

W. F. Dietrich

W. F. Dietrich

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 31 1952

IN REPLY REFER TO:

G-MD-CNM

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

July 29, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
JUL 31 1952

Memorandum

REVIEW OF APPLICATION DMEA-2629 (Talc)

To: L. G. Houk, Defense Minerals Exploration Administration
From: P. L. Weis, U. S. Geological Survey
Applicant: J. L. Pape
Name of property: Lilly Talc Claim and Bridge Talc Claim.
Location of property: Sec. 22, Twp. 35 N., R. 12 E., Skagit County, Washington.
Estimated cost of project: $17,950.
Summary of applicant's proposal: Clear and clean 2 acres of land, block out entire area with power saw and jackhammer.
Sources of information on applicant's property: None.
Comments: There is no information available on this property, but there may be some justification for optimism, although probably not as much as one would think from the applicant's overly ambitious proposal. According to S. L. Glover, Washington Department of Conservation and Development (Bull. 35) talc has been mined in Skagit County, although none was known at the applicant's location at that time (1936).
RECOMMENDATION: If the sample submitted by the applicant proves to be strategic, the property should be investigated by the field team.

Paul L. Weis

Paul L. Weis

EXPLORATION

Subject: DMEA-2629
Re: Exploration Loan
Tilly Talc and Bridge Creek Claims
July 28, 1952

Mr. J. L. Pape
Route 1
Concrete, Washington

My dear Mr. Pape:

This will acknowledge receipt of your application dated July 19, 1952, for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMEA-2629 and referred to the Non-Metallic Minerals Division.

Kindly refer to DMEA-2629 in any future correspondence relating to your application.

Sincerely yours,

ROBERT E. ADAMS

Robert E. Adams
Chief, Operation's Control
and Statistics Division

7862

July 28, 1952

Memorandum

To: Executive Officer, DMEA Field Team, Region II

From: Chief, Operation's Control and Statistics Division

Subject: Assignment of Docket Number

There is listed below the assigned Docket Number to an application recently submitted from Region II.

DMEA-2629 - J. L. Pape

ROBERT E. ADAMS

Robert E. Adams
Chief, Operation's Control
and Statistics Division

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

So. 157 Howard Street
Spokane 4, Washington

July 22, 1952

Mr. F. E. Johnson
Chairman, Operating Committee
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

Re: Mr. J. L. Pape, Exploration loan on the Tilly Talc Claim and Bridge Creek Claim, Skagit County, Wash. (Talc Steatite)

Dear Mr. Johnson:

Enclosed are three copies of an application filed by Mr. J. L. Pape, Route 1, Concrete, Washington, for an exploration loan on a steatite body in Skagit County, Washington. The application is filed on the old form MF-103 and form MF-100. The fourth copy has been retained in our files. Before making examination, however, we are requesting Mr. Pape to send us a specimen of his material.

Sincerely yours,

A E Weissenborn

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

Enclosures

cc: USBM, Spokane

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

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

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

Not To Be Filled in by Applicant

Docket No. DMEA-2629
Metal or Mineral
Date Received 7-28-52
Amount $
Participation (Government %)

Name and address of applicant: J. L. Pape, R1 Concrete Wash

Date July 19 1952

If you have already filed MF-100, give date filed July 19 1952, Type of assistance requested Exploration loan,

DMA Docket Number (if available)

INSTRUCTIONS

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

1. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property. Tilly Talc claim and Bridge Creek Talc Claim

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

(*c*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted. Sec 22 Twp. 35 with 12 feet on Cascade Highway in Skagit County

NOTE: (1) If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*c*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

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

2. (*a*) What metals or minerals do you expect to find? Talc Steatite

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

16—64067-2

will send assay of Talc mined on talc no 1 just across the road Has been all Steatite as on the same Ledge lower down we think we will find talc for sure soon

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

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

3. (*a*) Describe fully the proposed work and give the total cost of the project. Clear and open up Ledge

(*b*) State the time required to start the project and to complete it. 2 years

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

5. Furnish an itemized list of existing facilities, buildings, installations, and fixtures with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition.

6. Furnish a detailed list of additional facilities, buildings, and fixtures to be purchased, installed, or erected by you, with the estimated cost of each item. will build storage building with living quarters cost about $1500

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

(*a*) Rented

(*b*) Purchased Jack hammer, compressor centrifugal pump D4 Cattiller

(*c*) Furnished by you Truck and car for transportation of tools and help

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

Hammer man, power saw operator, 2 muckers mining engineer

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

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

10. (*a*) How much are you prepared to invest in the proposed project? Put my time into the project

(*b*) Is this amount sufficient to pay your part of the cost of the project, in accordance with the regulations on Government participation (Sec. 9 of MO–5)? it will because I will drive the truck and maybe operate the cat and keep the books

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

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.

(Name of company)

By J. L. Sape
(Signature of authorized official)

(Date)

Part owner
(Title)

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

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

July 19 1952

3(a) will clear about 2 acres of trees and overburden and wash with water so ledge will be free from dirt (cost) $4000
will block out with power saw and Jack Hammers and compressor over entire 2 acres and send in (labor) samples to U.S.M.S. at Spokane (cost) 2000
Powder and small tools 500
1 Cat drum and blade 2000
Centrifugal pump 3" m. delivery and 4" m. intake and 500 ft of pipe (total) 1500
Compressor capacity to run 6 Jack Hammers 1200
Jack Hammers 300
Power saw 2 ft blade 450

will try to sell talc as we mine it out to Paper and Paint and Rubber companies and Spray for dust talc so as to take up part or all expense if loan is granted

J. L. Pope Total $17,950

Form MF-100
(May 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA
FOR USE UNDER THE
DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. DMEA-2629

Date received 7-28-52

Name and address of applicant: J. L. Pape
Concrete
Pi
wash

Date July 19 1952

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (5) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced:
   (a) What are the chief mine, mill, or smelter products? Talc Steatite
   (b) What are the byproducts, if any? possibly magnesium
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry(ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (a) Linear feet of shafts.
   (b) Linear feet of drifts and crosscuts.
   (c) Linear feet of tunnels or adits.
   (d) Linear feet of other mine openings (explain briefly). Open cut 100 ft long 16 ft wide 10 ft deep
   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity. no water
3. For each operation listed above supply the following:
   (a) Distance and direction from nearest town and shipping point. 11 miles to marblemount
   (b) Mining district. Cascade
   (c) Township, Section, Range. Sec 12 Twp 35 north 12 East
   (d) County, State. Skagit wash
4. (a) State whether or not property is now in operation, and if in operation, by whom operated. northwest Talc co
   (b) Are you operating this property as: Clear Lake wash
   - [ ] Owner.
   - [ ] Lessee.
   - [x] Contractor. They pay us 50 cts per ton Royalty.
5. Number of years in production April 1952
   If not in production or operation, estimated date when production will begin Still producing
6. Experience of operators: General mining and logging and Road Building exp.
   Describe the mining and general business experience of (a) the applicant, and (b) the person or persons who manage the project. I prospected the Cascade quarry worked in two N.R. Limits during ages for 2 yrs and the Yukon in Canada
7. History:
   (a) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (b) State briefly the known history and production of adjoining and neighboring properties. no neighbor
   (c) Furnish any available (private) reports that may apply to this application, including results of mine examination, recommended exploration and development, and metallurgical investigations.

Geologist claim this the largest Know Talc deposit on the Pacific Coast.

8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation.

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation: Common (e)	Number of Shares Held in Applicant Corporation: Preferred (f)	Life Insurance Carried for Benefit of Applicant: Amount (g)	Life Insurance Carried for Benefit of Applicant: Net Cash Surrender Value After Loans (h)
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	$	$	$		
Preferred stock	$	$	$		

*Indicate period covered.

10. Production:

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)					
2. Quantity of product processed (specify unit of measure and type of process)					
3. Quantity and grade of product sold or shipped (specify units of measure)					

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change.

12. Ore or Mineral Reserves:

(*a*) Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology and ore reserves.

(b) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)	10 000 000	Manganese Dioxide & Silicate	Dioxide & Silicate 145	$3.15	$5.25
Indicated (probable)	Inquiries	Inquiries			

(c) If placer:

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads.

14. Water Supply:

State source and quantity of water available for operations and whether sufficient for all seasons of year.

15. Power:

State amount of power used, rate per hour, and source thereof.

16. Labor:

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

17. Equipment and Facilities:

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation.

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

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.

(Name of company)

By J. S. Pape
(Signature of authorized official)

Part Owner
(Title)

(Date)

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—63792-1

CERTIFICATE

LACHS TESTING LABORATORIES
Incorporated

Copy

1008 Western Ave.
Seattle 4, Wash.

To: Industrial Chemical Company
Mr. John Ardussi
Issaquah, Washington

Date: 5/20/52
Lab No: 115479

Report on TALC

Sample Identification Marked: Clear Lake Talc - 52

Tests Performed and Results:

Magnesium calculated as MgO	34.39%
Silicon " " SiO_2	33.92%
Aluminum " " Al_2O_3	7.50%
Iron " " Fe_2O_3	3.53%
Calcium " " CaO	Trace
Carbonates (CO_3)	None detected
Phosphorous (P_2O_5)	" "
Free and combined water (Loss upon ignition	20.57%
Free water (Loss at 105°C)	0.13%

Respectfully submitted,

LACHS TESTING LABORATORIES, INC.

By J. P. Owens

FPO:mj

We will opperate on this same ledge about 500 feet southwest of where this sample was taken. and deeper so effect to find some pure mineral on another claim

J. F. Pape

We could offer to the same lady
about 300 feet particular of water. The
example here taken would depend on effect
to find some pure mineral or mineral
J. Z. Doe