DMEA Form 9

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE

DMEA NO. 4727

Application (Denied ✓
(~~Withdrawn~~
(After disposition, delete items not applicable)

Contract (Terminated - not Certified
(Cancelled
(Terminated - Certified
(Royalty Agreement

This is the official contract file containing all official records of the project. The records contained in the files are checked and are arranged in this order:

Left Side

Interim Royalty Audits
Reports of Royalty Review
Certification of Discovery
Certificate of Audit (Final)
Interim Audit(s)
Report of Review
Termination Notice or Agreement
Recision Notice
Assignment of Contract
Contract Amendments (latest on top)
Contract with all exhibits and annexes
Owner's Consent to Lien
Subordination Agreement
Leases and assignments of leases
✓ Application and ~~attachments~~ Bids
(3) Envelope for maps

Right Side

Project summary
Work completed analysis
All other material is filed in chronological order with correspondence including the following reports as checked:

Final Field Team Report (Tab)
Operator's Final Report
(2R) Interim Reports
(2R) Operator's monthly reports and all attachments (latest on top)
✓ On-site Exam Report(s) (Tab)
(4) Settlement Sheets

When the volume of records is expected to warrant additional folders, or when convenience of reference warrants separate folders for certain records, they should be set up in this order:

Left Side

Folder No. 2: (In chron. order)
Interim Summary Reports by W. O. Engineers

Right Side

Operator's Semi-Annual Report for Certified Project, Field Team Interim Reports, Operator's Monthly Report with transmittal, narrative, maps, and Field Team review.

Folder No. 3: Maps (Use pocket folder or envelope. Fold maps with title block out and show reference to related document or correspondence.)

Folder No. 4: Settlement Sheets

Folder No. 5: Drill Logs

GEORGE MARSHALL

DIAMOND DRILL CONTRACTOR

SURFACE AND UNDERGROUND WORK

MAXIMUM CORE RECOVERY

PHONE 40

IDAHO SPRINGS, COLORADO

April 8, 1957

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DMEA
RECEIVED APR 15 1957

DATE	REMARKS	CODE

Mr. Don Fresh
Summitt Mining Co.
1661 Routt St.
Lakewood, Colorado

Dear Mr. Fresh:

Per your request, I submit the following bid on surface core drilling in the vicinity of Steamboat Springs, with suitable access roads to be furnished by you:

I will drill AX holes for the following rate:

0 to 200' $4.00 per foot
200' to 400' 4.50 per foot
400' to 600' 5.00 per foot

Also, moving in charges, $200.00; $1.00 per foot for all casing needed in hole; $5.00 per hour for time lost in each shift through no fault of mine.

Very truly yours,

George G. Marshall

George G. Marshall

ARROW DRILLING COMPANY
P.O. BOX 296 - DENVER 8, COLORADO

LEO W. RICE

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RECEIVED APR 15 1957
DATE | INITIALS | CODE

April 8, 1957

Dear Mr. Fresh:

I hope that this letter will be what you wish in the way of something in writing regarding the possiable drilling of some small holes on the property of Summit Mining Co.

It is my understanding that the property is located near the town of Steamboat Springs, Colorado. Further that it is very hard to get to. The figures set forth below are not the final figures I would go by but they are very close. Before giving the final figures to you for yours signature in contract form I would have to go see the locations to be drilled. I would also wish for my attorney to give me his approval of the contract in its final form.

Confirming our conversation on the phone of April 6th 1957 you state that there will be about 12 holes with an average depth of 400 feet and that water is close by for when and if we need it. I stated that the cost of drilling these holes and giving you the core which will be of 7/8 inch in size and no gurantee as to the amount of core we will recover would cost your mining company about $25,000.00 and this is with us furnishing everything necessary to do the drilling and coreing with.

If at all possiable I would like to have at least thirty days notice before commencing the job so that we could draw up the final contract and also to allow me to look over the area and to get my equipment on the job.

Yours very truly,

Leo W. Rice, President

Summit Mining Company
Mr. Donald D. Fresh
1661 Routt Street
Denver, Colorado

MINERAL EXPLORATION -- TEST BORINGS -- BROUT HOLE DRILLING

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DATE	INITIALS	CODE

GOLDEN DRILLING COMPANY
DIAMOND DRILLING CONTRACTORS
2301 EAST STREET
GOLDEN, COLORADO
PHONE CRestview 9-1371

W. E. MATTHEWS,
MANAGER

April 11, 1957

Golden Drilling Company's estimate for diamond core drilling on the Summit Mining Co. property, located in Routt County, Colorado.

AX size core:

0 to 250'	$6.00 per. foot
250 to 400'	$7.00 per foot.

Reaming and casing at cost.

Cementing and stand-by time, probing holes etc. $7.50 per. hour.

$350.00 Mobile charge, moving in and out.

Roads and set ups to be provided by the Summit Mining Company.

GOLDEN DRILLING COMPANY

W E Matthews

W. E. Matthews

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

224 New Customhouse
Denver 2, Colorado

April 11, 1957

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DATE	INITIALS	CODE

Memorandum

To: Secretary to the Operating Committee, DMEA

From: DMEA Field Team, Region III

Subject: Application for DMEA Aid (Uranium and Rare Earths)
Summit Mining Company, a partnership--D. D. Fresh,
Larry A. Chase and D. E. Newland (Dennis D. Claims)
Routt County, Colorado

Enclosed are the original and two copies of the subject application. One copy of the application is being retained in our file.

The Applicant proposes to explore a reported mineralized target area by 4,800 feet of core drilling at a total estimated cost of $59,428.00.

Cursory inspection of the cost estimates, indicates the item - Labor, supervision, consultants - to be excessive as are the number of hours and hourly rate proposed for the operation of a Model HD 5 Tractor. We are informed that the HD 5 Tractor is in the 60 Drawbar Horsepower Class and has been superseded by the Model D 4.

Although the application indicates, "Written bids will be submitted upon signing of contract", the Applicant when advised by us of the proper procedure, stated that requests for bids from each of three drilling contractors would be made at once for submittal to this office.

E. N. Harshman

By E. N. Harshman
Acting Executive Officer

Enclosures

WD Denio

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

DMEA
DEPARTMENT OF THE INTERIOR
APR 10 1957
REGION
DENVER, COLORADO

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

Not to be filled in by applicant

Docket No. 4727
Principal Mineral URANIUM + RAR. EARTHS
Date Received 4-15-57
Estimated Cost $59,428
Participation (Government %)

RECEIVED APR 15 1957 D.M.E.A.

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address. Summit Mining Company (partnership)

Donald D. Fresh Box # 131 Dillon, Colorado
Lacey A. Chase Box # 131 Dillon, Colorado
Donald E. Newland 1830 Gaylord St. Denver, Colorado

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

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

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

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

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract 24 valid located mining claims. (see list of location certificates and claim maps).

(*b*) State any mine name by which the property is known. Dennis D. Claims

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise Owners by valid location

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

(*e*) If you own the land, describe any liens or encumbrances on it none

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

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

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades. none

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

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

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

5. *The exploration project.*—(*a*) State the mineral or minerals for which you wish to explore U_3O_8 and Rare Earths

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

(*c*) The work will start within 30 days and be completed within 4 months from the date of an exploration project contract.

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

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

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

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

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

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

(*e*) *Rehabilitation and repairs.*—Furnish a detailed list showing the cost of any necessary initial rehabilitation or repairs of existing buildings, installations, fixtures, and movable operating equipment, now owned by the Operator and which will be devoted to the exploration project. none

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

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

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

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

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

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

[X] Money [X] Use of equipment owned by you [X] Other Our own wages.

Explain in detail on acompanying paper.

CERTIFICATION

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

Dated _____, 195__

Summit Mining Co.
(Applicant)

By Donald O. Newland
Donald D. Frech
L. W. Chase

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

U. S. GOVERNMENT PRINTING OFFICE 16—66551-1

SUMMIT MINING COMPANY

Dillon, Colorado.

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3.(f) 24 claims, 1 to 24 inc. Book # 273, Page # 129 to 175 inc. (odd numbers)

4.(a) Open pit on #1 claim 15 ft. deep and 25 ft. long. (area # 1) Open pit on # 10 claim 15 ft. deep and 60 ft. long. (area # 2)(see claim map) Access jeep road to open cuts.

4.(b) None. (see asseys and upgradeing report)

4.(c) In open cuts the geological feathers indicate clearly the massave formation and heavy vain structer for a distance of approx. 1800 ft. in length and 300 ft. in widths. The cliff where #1 claim cut is located indicates clearly, approx. 200 ft. in depths. Our wish to explore is to prove quanity and quality of above described ore bodies. (pegmatite formation with shist contact)

4.(d) Project is reached by a good road approx. 31 miles from Steamboat Springs Colo. and 5 miles of jeep road. Shipping point, supplys and residents also in Steamboat Springs, Colo.

4.(e) Manpower (fair) Materials (lumber available within 3 miles) Water (on property) Power (none- must be gas or deasel)

5.(B) (see claim map and points of open cuts) Purposed work contenplated: Core drilling necessary to clearly show the adviseably of future work by addit.

5.(d) L. A. Chase Has 30yrs. of civil and mining engineering experience. Donald D. Fresh Has approx. 10yrs. of general mining experience.

6.Total estimated cost;---------- $59,428.00

6.(a) 12 holes, average depths, approx.400 ft. ea. Total footage 4800 ft. $4.00 per ft. plus stand by time for the first 400 ft. 50¢ per ft. will be added for each additional 200 ft. (CONTRACT WORK)--- Estimated cost. $25,000.00

6.(b) Manager and supervisor; Donald D. Fresh: Four months work @ $1,000.00 per mo. (full time)-------- $ 4,000.00

Engineer and draftman; L. A. Chase: Four months work @ $1,000.00 per mo. (full time)---------- $ 4,000.00

Geologest and consultant; Kermit S. Harness: ½ of time. $ 2,000.00

Two carpenters (approx. 20 days) @ $3.00 per hr.--- $ 900.00

One dozer man (25 days per mo.or 100 days)@ $3.00 per. $ 3,000.00

One truck driver and jack hammer man (25 days per mo. or 100 days) @ $3.00 per hr. ---------- $ 3,000.00

6.(c) Core boxes, drafting material, office supplys, powder fuse and caps, stoves beds and house hole necessities ect.---------- $ 2,000.00

6.(d) EQUIPMENT TO BE FURNISHED BY SUMMIT MINING CO. 1 model H.D.5. tract tractor (value $5,000.00) with dozer. To build access roads to drill sights, leveling of camp sight and core drill sights. Emproveing present access road to property and cuts. Approx. 800 hr. @ 10.00 (ten dollars) per hr.---------- $ 8,000.00

One Dodge Truck (value $1500.00) Model B.3.R.A. year 1951, flat bed, to be used for moveing compresser and equipment from Denver to mining area, building material from saw mill and Steamboat Springs to area. $ 550.00

One jeep s/w (four wheel drive) 1952 model (value $1,000.00) to be used for houling men, supplys ect. $ 850.00 (average use 100 days @ $8.50 per day.

One car 1953 buick, 3 times per week to Clark Colo. (18 miles) post office, phone ect. One trip to Steamboat Springs per week (35 miles) estimated 10¢ per mile or $18.00 per week.---------- $ 288.00

Transet, Brunten ect. (value $400.00) part time ----- $ 100.00

Scintillator and Gieger Counter.(value $600.00)part time $ 200.00

To be bought by Summit Mining Co. Two machine compresser (value $2000.00) estimated 400 hrs. work @ $3.00 per hr.---------- $ 1,200.00

6.(f) To be built; Two buildings out of rough native lumber and covered with roll roofing. Size 14x28x7, low gable or car roof.---------- $ 2,400.00

6.(g) Analytical work, state compensation Ins. accounting work ect.---------- $ 1,500.00

6.(h) 10% of paragraphs 6.(c) and 6.(f) added to cost. $ 440.00

TO WHOM IT MAY CONCERN

The Summit Mining Company of Dillon, Colorado are the owners of 24 valid Lode Mining Claims in the Slavonia Mining District, Routt County, Colorado. They have completed a Jeep road to the property this season and opened up two important discovery pits on the property; some 1800 ft. apart.

These pits are known as the 12 ft. and 200 ft. dikes and disclose the fact that both high grade ore and large volume of medium or low grade are present.

Some tests (not completed) show the presence of primary uranium ores in conjunction with the pegmatite and schists dikes; which are massive. Not just small veins; but extend many feet laterally and to great depths.

FROM REPORT PUBLISHED BY COLORADO GEOLOGICAL SURVEY 1908

The Slavonia camp is on the headwaters of the Elk River. The district is well within the metamorphic area. the prevaling rock is a gneiss which, on the one hand, grades into a gneissoid granite, and on the other, into schists of verious compositions, Cutting the main country rock are dikes of quartz porphry, Granite and diorite. The vain formation is that characteristic of the metamorphic rocks.

"The ores include these of copper, lead, zinc, silver and gold."

The main mass of the Park Range is composed of granitic rock, gneiss and schists, which have hiterto been referred to as Archean or Pre-Cambrain.

Present day developement show the "Host Rock" which contains the Uranium minerals consists of white and colored quartz to-gether with pink and reddish felspar; this Host Rock has been classified as " gneiss." The Uranium minerals contained in the Host Rock are the black colored Uraninite or the brick-red Curite or Gumite; which further decomposes into Autunite and the greenish-yellow Uranophane and the beta-uranophane. All this is present in the developement of the ores on the property under discussion.

Samples taken from 200ft. Low grade dike, run by Eddie Ott of Denver, Colo. Computed at 20 to 1 concentrate gave 1% Yttrium; also showed Columbium, Tantalium, Golidium, Thorium and other rare earths.

Within the past few months samples of average low grade run by the Rocky Mountain Standard, Inc. of Denver, Colo. show that .05% to .50% U_3O_8 was upgraded to 1.5% U_3O_8.

Also it is reported by Chas. Parker (assayor) of Denver, Colorado that the ore contains Beryl. (crystal 8" dia)

The developement work at the present time in the 200 ft. dike; consists of an open cut 15 ft. deep and 60 ft. long. Disclosing the fact that the volume is very great and large tonage is available. The open cut on the 12 ft. dike shows clearly that the formation is consistant; also indicates a very large body of ore. These two factors assures possible quantity production as well as showing the quality herein before mentioned.

Respectfully Submitted

L. A. Chase

L. A. Chase (Bonded)

AMERICAN LEDUC URANIUM CORP.

Mines
Outlaw Mesa, Colo.
Temple Mt., Utah

Field Office
230 North 3rd St.
Grand Junction, Colorado
Telephone 4365

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DATE	INITIALS	CODE

October 20, 1955

Mr. Donald Fresh
Summit Mining Co.
P.O. Box 126
Dillon, Colorado

Dear Don,

We know that we are late in sending the assays on the samples that were taken on the Donna Lee, Old Iron Mine, and the Dennis claims. Please excuse us for our delay. As you can see from the assay return, none of them appear to be very promising. The samples taken from the upper and lower tunnel dumps of the Donna Lee group are negative for uranium, while the middle tunnel dump shows just slight mineralization. The iron ore sample of 34% iron is hardly high enough for commercial grade to pay for haulage and handling.

The sample from the large dike on Dennis No. 10 shows 0.1% uranium, while the sample taken from the outcrop on Dennis No. 1 was not assayed. At the time, we intended to have a spectrographic assay run on it, but after an examination by the A.E.C. the matter was abandoned. The sample was identified as multiple oxides, probably containing samarskite, euxenite, along with oxides of thorium, molybdenium, columbium, and aluminum. However, this fact should be kept in mind, up to the present time there is no market for this type of ore. Monsanto Chemical Company has purchased small amounts for experimental purposes only. Whether an investment is desirable in these particular areas is problematic at the present time, in view of the low assay results and lack of market for the ore.

To summarize: in our opinion the showings do not appear favorable enough for the company to participate at this time. We do not want to stand in your way, if at any time you can make a deal with anyone that may be advantageous to you. We are sorry, that at the present time, we cannot give you assurance of future participation. It was a pleasure meeting all of you, and we do want to thank you for showing us the properties.

With every good wish for success in your undertakings, we remain

Sincerely

American Leduc Uranium Corp.

James M. Orr

JMO/ww
enclosures

ESTABLISHED 1878

GAYLE F. FARNHAM

Certificate of Assay

THE HENRY E. WOOD ASSAYING COMPANY

TELEPHONE KEYSTONE 4-4816

DENVER 4, COLORADO

733 W. COLFAX AVE.

July 27, 1955

We hereby certify that the samples assayed for D.F. Newland
gave the following results per ton of 2000 lbs.

MARKS	GOLD OZS.	SILVER OZS.	WET LEAD PER CENT	COPPER PER CENT	ZINC PER CENT	IRON PER CENT	INSOL. PER CENT	SULPHUR PER CENT	PER CENT	VALUE
									Uranium U_3O_8	
Pegmatite									0.036	
Pitchblend									12.040	

claim #1

Gold at $_____ per ounce
Silver at _____ per ounce
Lead at _____ per lb.
Copper at _____ per lb.
Zinc at _____ per lb.

Charges

$ 10.00 Paid

The Henry E. Wood Assaying Co.

By M. W. J.

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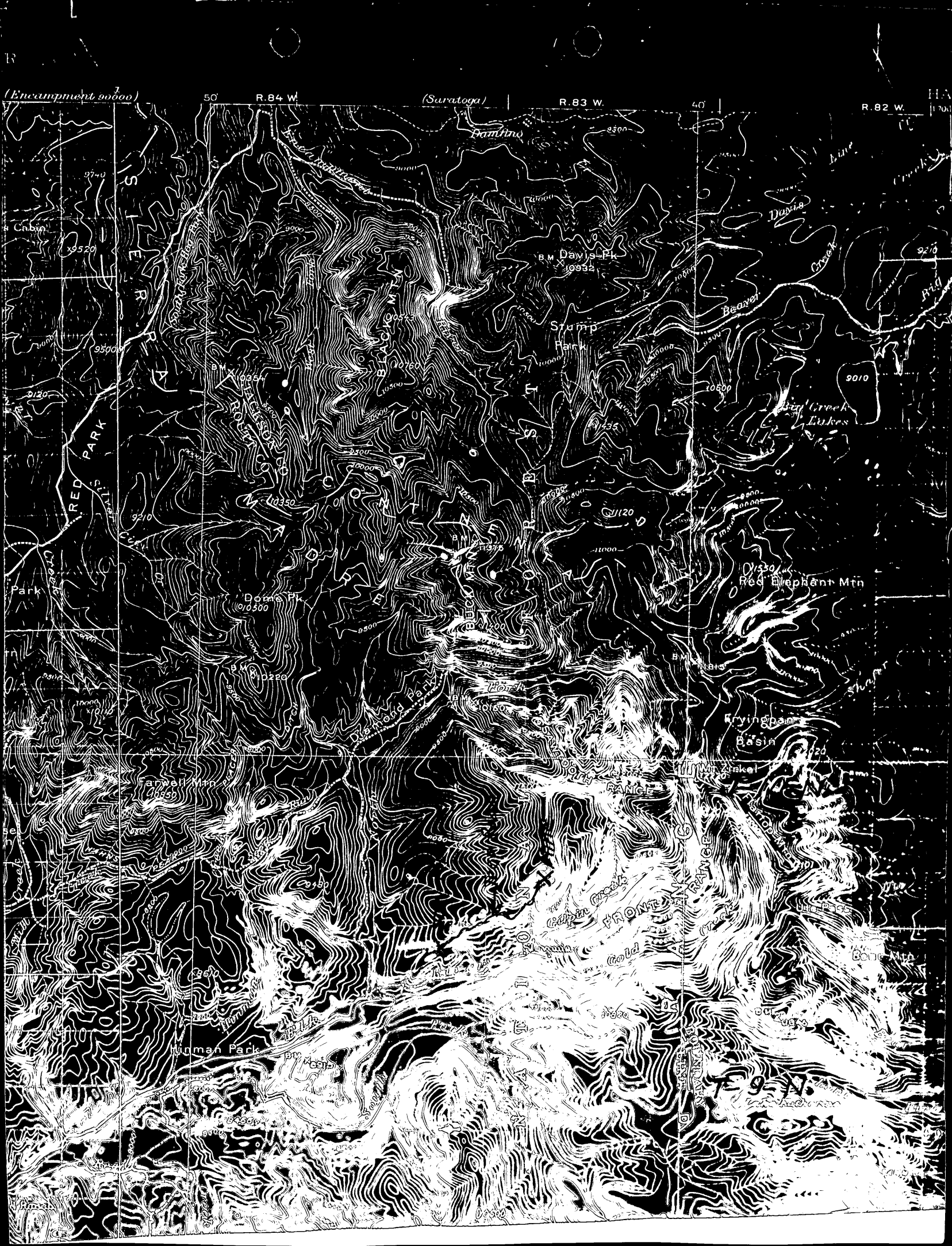
(Encampment 90000)
50'
R.84 W.
(Saratoga)
R.83 W.
40'
R.82 W.
Damtino
Davis Pk
10932
Stump Park
Beaver Creek
Big Creek Lakes
Red Elephant Mtn
Dome Pk
Diamond Park
Farwell Mtn
Frying Pan Basin
Mt. Zirkel
Hinman Park
Cold Creek
Red Park
Black Mtn
Roosevelt
Sierra Madre
Park Range
T. 9 N.

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DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
8/27	Murphy	700
8/27	Ellis	700
8/28	Selfridge	130
"	[illegible]	110
"	Mittendorf	100
8/28	G	220
8/28	Yoga	130
8/28	Gilsgaard	130
		225

Summit Mining Company
Box 131
Dillon, Colorado

AUG 28 1957

Re: Docket No. DMEA-4727
(Uranium and Rare Earths)
Dennis D. Claims
Routt County, Colorado

Gentlemen:

Your application for aid in an exploration project and other information available to us in Washington concerning the above-named property have been reviewed.

Projects approved by the Defense Minerals Exploration Administration must, in its judgment, show definite promise of yielding materials of acceptable grade in quantities that will significantly improve the mineral supply position for the National Defense Program.

Careful study of all our information, although noting some minor occurrences of uranium and rare earths minerals on your property, indicates that the probability of disclosing ore reserves is not sufficiently promising to justify Government participation. We regret to advise you that, under these circumstances, your application for exploration assistance is denied.

We wish to thank you for your interest in the Defense Minerals Exploration Program and for bringing your property to our attention.

Sincerely yours,

C. O. Mittendorf

Administrator

FMMurphy/izm 8-27-57
cc to: Mr. Murphy
Admr.'s Reading File
Operating Committee
THKiilsgaard, 5224
DMEA FT Reg. 3 (2)

8623

Docket

August 27, 1957

SUMMARY OF PROPOSED PROJECT

Object: Denial of application for exploration aid.

Docket: DMEA-3727

Commodity: Uranium-Rare Earths

Amount of Application: $59,428.00

Applicant: Summit Mining Company
Box 131
Sillon, Colorado

Property: Owners of Dennis D claims Nos. 1 through 24, situated in secs. 16, 17, 20, and 21, T. 10 N., R. 83 W., 6th P.M., Routt County, Colorado.

Date of Application: Received April 15, 1957

Referred to Region III: April 24, 1957

Field Examination Made: July 24, 1957 - prior to this date the property was inaccessable due to snow.

Field Report Received: August 15, 1957. In Division - 8-20-57.

Work Proposed:

Twelve drill holes to prove the "quantity" and "quality" of "ore bodies" exposed in 3 areas on the claims.

Estimated Costs:

4,800 ft. drilling	$25,000.00
Supervision - Consultants -Labor	16,900.00
Materials & Supplies	2,000.00
Use of equipment to be furnished by Applicant	11,188.00
New Buildings	2,400.00
Analytical work, payroll taxes, etc.	1,500.00
Contingencies	440.00

Total Estimated Cost of Project $59,428.00
Government Participation @ 75% $44,571.00

Excerpts from Field Team Report:

The Dennis D claims lie at an estimated average altitude of 10,500 feet in the vicinity of the junction between the Park Range and Sierra Madre Mountains, and is accessible from Steamboat Springs by way of U.S. Highway 40 and connecting county and logging roads.

The claims are in an area of Precambrian schist and gneiss cut by dikes and irregular masses of pegmatite. Many of the dikes are only a few feet thick; the largest pegmatite mass observed is 200 feet long and 50 feet wide.

The property has been developed by two shallow bulldozer cuts and by two small open cuts at pegmatite outcrops. All the uranium minerals noted consisted of fine-grained samarskite (or euxenite) in small blobs and disseminated in the pegmatite masses.

Radioactivity anomaly readings of about 0.2 mr/hr were registered in most of the more favorable area; a high of 0.5 mr/hr was registered in one place in pit no. 1.

Semiquantitative spectrographic analyses of 4 chip samples taken from 3 pits confirmed the examiner's field opinion that the grade of the uranium and rare earths was low. Material suspected of being beryl proved to be feldspar. The analytic returns indicated the total rare earths content of the samples from pit 1 to be .0088% pit 2A - .0183%, pit 2 - .27%, and from pit 2 on Dennis D No. 1 - .20215%, with no uranium noted.

The field examiners and Field Team recommended that the application be denied because of the low grade of the occurrences exposed and because in deposits of this type (pegmatites) there are no geologic reasons to expect an increase in grade at lower depths.

Commodity Member's Comments:

James Paone, USBM, and W. P. Williams, USGS, in memoranda, dated August 20, and 23, 1957, respectively, concur in the Field Team's recommendation.

Div. of Rare & Misc. Metals, F. M. Murphy, August 27, 1957:

The pegmatite dike mentioned in the application was stated to have a length of 1,800 feet and width of 300 feet. However, the pegmatite masses noted by the examiners are much smaller and irregularly distributed. Moreover, the uranium and rare earth content of the pegmatites was found to be negligible.

Conclusions and Recommendations:

This Division agrees with the field examiners that there is little possibility of discovering significant uranium or rare earth ore deposits on the subject property, and therefore concurs in their and the Field Team's recommendation that application DMEA-4727 should be denied.

Ernest Wm. Ellis

Ernest Wm. Ellis, Director
Division of Rare and
Miscellaneous Metals

IN REPLY REFER TO:

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

Memorandum August 23, 1957

To: E. W. Ellis, Defense Minerals Exploration Administration

From: W. P. Williams, U. S. Geological Survey

Subject: Review of field examination report, DMEA 4727, (uranium and rare earths), Summit Mining Company, Dennis D. claims, Routt County, Colorado.

The examining team report that geologic conditions on the applicant's property are not favorable for the presence of large, important ore deposits. The examiners point out that radioactive material in the form of finely disseminated samarskite is found in small pegmatites associated with Precambrian schist and gneiss.

Considering that the sought minerals are found in pegmatite masses I agree with the examining team that the chances of developing a significant tonnage of ore are not good. I agree with the recommendation for denial of the application.

W. P. Williams

W. P. Williams

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DMEA
RECEIVED AUG 26 1957

DATE	INITIALS	CODE
8/26	Q	220
8/26	CHM	700
Complete		

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RECEIVED AUG 20 1957

DATE	INITIALS	CODE
8/20	Q	220
"	FMM	700

Memorandum

[illegible]
[illegible]
[illegible]
Washington 25, D. C.

Date August 20, 1957

DMEA Design. No. 4727
DMEA Contract No.
Commodity Uranium and Rare Earths
Name of applicant Summit Mining Company
Name of property Dennis D. Claims
Location of property Routt County, Colorado
Estimated cost of project $59,428

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee

From: James Paone, Bureau of Mines Member
Uranium Commodity Committee

Subject: Review of Field Team Report
(Applicant, Field Team, Contract, etc.)

1. Date of subject document: 8/7/57 2. Date received by reviewer: 8/19/57

3. Prior reports on this property known to reviewer: Yes [ ] No [ ]

4. Prior reports on nearby properties known to reviewer: Yes [ ] No [ ]

5. Information available on past production: Yes [ ] No [ ]

6. Other pertinent factors known to reviewer: Yes [ ] No [ ]

7. Explain items marked yes above:

8. Factors needing special consideration:
   a. Location [ ]
   b. Ownership [ ]
   c. Evidence of mineralization [ ]
   d. Geology [ ]
   e. Present exploration adequate [ ]
   f. Alternate exploration method [ ]
   g. Costs [ ]
   h. _____ [ ]

9. Action advised:
   a. Obtain information from applicant [ ]
   b. Refer to Field Team [ ]
   c. Denial [x]
   d. Agree with Field Team [x]
      1. Consult with Mr. _____ at _____ DMEA office
   e. Disagree with Field Team [ ]
   f. Suggest alternate plan [ ]
   g. Request another examination [ ]
   h. Approval [ ]

10. Remarks: (Use back of page if necessary)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

224 New Customhouse
Denver 2, Colorado

August 12, 1957

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DMEA
RECEIVED AUG 15 1957

DATE	INITIALS	CODE
8/5		220
		130
8/20	C	220
8/20	F.M.	700

Memorandum

To: Secretary to the Operating Committee, DMEA

From: DMEA Field Team, Region III

Subject: Docket DMEA 4727 (Uranium and Rare Earths) Summit Mining Company (Dennis D. claims) Routt County, Colorado

Enclosed are the original and two copies of the Joint Report of Examination on the subject property by Edward W. Buel, USBM, and Frank B. Moore, USGS.

The field examiners conclude that the probability for making a significant discovery is not sufficiently promising to justify Government participation. Accordingly, they recommend that the Applicant's work proposal be denied in which the Field Team concurs.

E. N. Harshman

E. N. Harshman
Acting Executive Officer

ON-SITE EXAM

Reviewed by
DMEA OPERATING COMMITTEE
8-19-57
(date)

IN REPLY REFER TO:

DMEA

ARTMENT OF THE INTERIOR

AUG 9 - 1957

REGION III

DENVER, COLORADO

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

Defense Minerals Exploration Administration

Denver Federal Center

Denver, Colorado

August 9, 1957

Memorandum

TRANSMITTED

AUG 12 1957

To: Executive Officer, DMEA Field Team, Region III

From: E. N. Harshman

Subject: DMEA Docket 4727 (Uranium and Rare Earths) Summit Mining Company (Dennis D. claims), Routt County, Colorado

Enclosed are the original and eight copies of a joint report by Frank B. Moore, U. S. Geological Survey, and Edward W. Buel, U. S. Bureau of Mines, covering their examination of the subject property.

The applicant proposes a drilling program, estimated to cost $59,428, to explore for uranium and rare earth minerals in several pegmatite bodies exposed on the Dennis D. claims.

Samples taken by the examiners indicate that uranium and rare earth minerals are present in only very minor amounts, and they conclude that exploration will not lead to the discovery of significant ore deposits. They recommend, and I concur, that the application be denied.

The application was discussed with members of the Denver office of the AEC.

Original signed by
E. N. HARSHMAN

E. N. Harshman
Member, Field Team

OFFICIAL FILE COPY
DMEA
RECEIVED AUG 15 1957

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		130 ~~210~~
		220

Enclosures: (9)

ENHarshman:arh

Reviewed by
DMEA OPERATING COMMITTEE
8-19-57
(date)

FOR UNITED STATES GOVERNMENT USE ONLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
FRED A. SEATON, SECRETARY

DMEA
DEPARTMENT OF THE INTERIOR
AUG 9 - 1957
REGION III
DENVER, COLORADO

TRANSMITTED
AUG 12 1957

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION III

OFFICIAL FILE COPY
DMEA
RECEIVED AUG 15 1957

DATE	INITIALS	CODE
		130 ~~218~~
		220

DMEA 4727

Summit Mining Company

Dennis D. Claims

Routt County, Colorado

Uranium and Rare Earths

Joint Engineering and Geologic Report

by

Frank B. Moore
Geological Survey

Edward W. Buel
Bureau of Mines

Reviewed by
DMEA OPERATING COMMITTEE
8-19-57
(date)

August 7, 1957

CONTENTS

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Introduction and summary	1
Location and access	2
Geography	2
Property	3
History and production	4
Present Status	4
Ore reserves	4
Geology	4
Applicant's exploration program	7
Conclusions and recommendations	7

ILLUSTRATIONS

Figure	Follows Page
1. Map showing location of Dennis D. claims (Summit Mining Co.), Routt County, Colorado	2
2. Claim map showing sample locations, Dennis D. claims, Routt County, Colorado	7

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DMEA
RECEIVED AUG 15 1957

DATE	INITIALS	CODE

DMEA 4727

SUMMIT MINING COMPANY
DENNIS D. CLAIMS
ROUTT COUNTY, COLORADO

INTRODUCTION AND SUMMARY

Summit Mining Company, Box 131, Dillon, Colorado, applied for Defense Minerals Exploration Administration assistance to explore for uranium and rare earths on the Dennis D. claims, Routt County, Colorado. The proposed exploration program consisted of 12 diamond drill holes totaling 4,800 feet at a total estimated cost of $59,428.

Deep winter snows prevented access to the property until about July 19, 1957. The property was examined by Frank B. Moore, Geological Survey, and Edward W. Buel, Bureau of Mines, on July 24, 1957. The examining team was accompanied by Messrs. Donald D. Fresh, T. A. Chase, and V. Sager.

Existing workings consist of four cuts in pegmatites associated with Precambrian gneiss and schist. The uranium and rare earth mineral samarskite (or euxenite) occurs in small blobs and disseminated in the pegmatite. Radioactivity anomaly readings of about 0.2 Mr/hr were registered by a counter in most of the more favorable areas; a high of 0.5 Mr/hr was registered at one place in pit no. 1. Semiquantitative spectrographic analyses confirmed the examiners' field opinion that the grade of the uranium and rare earths was low. Material suspected of being beryl proved to be feldspar.

Because of the low grade of the occurrences, and the geologic improbability of any improvement in grade, it is recommended that the application be denied.

LOCATION AND ACCESS

The Dennis D. claims are in secs. 16, 17, 20, and 21, T. 10 N., R. 83 W., 6th principal meridian, Routt County, Colorado (fig. 1). The claims lie in the Slavonia mining district which is near the headwaters of the Elk River west of the Continental Divide.

The property is readily accessible from Steamboat Springs, Colorado, by way of U. S. Highway 40 westward for 2 miles to graveled county road No. 129, thence 18 miles northwestward to Clark, Colorado. From Clark, County road No. 311 is followed for approximately 13 miles to a Forest Service Station referred to as Seedhouse. Northward from Seedhouse, an unimproved logging road is followed up the North Fork of Elk River for approximately 1 mile before turning northeastward onto a Jeep road which passes along a ridge that overlooks Slavonia. From the logging road turnoff to the property, the distance is about 5 miles.

GEOGRAPHY

The property is in the vicinity of the junction between the Park Range and Sierra Madre Mountains. The region is one of pronounced relief with an approximate altitude of 8,500 feet at Slavonia (beside the Elk River) to 12,220 feet at Mt. Zirkel which is less than 5 miles northeast

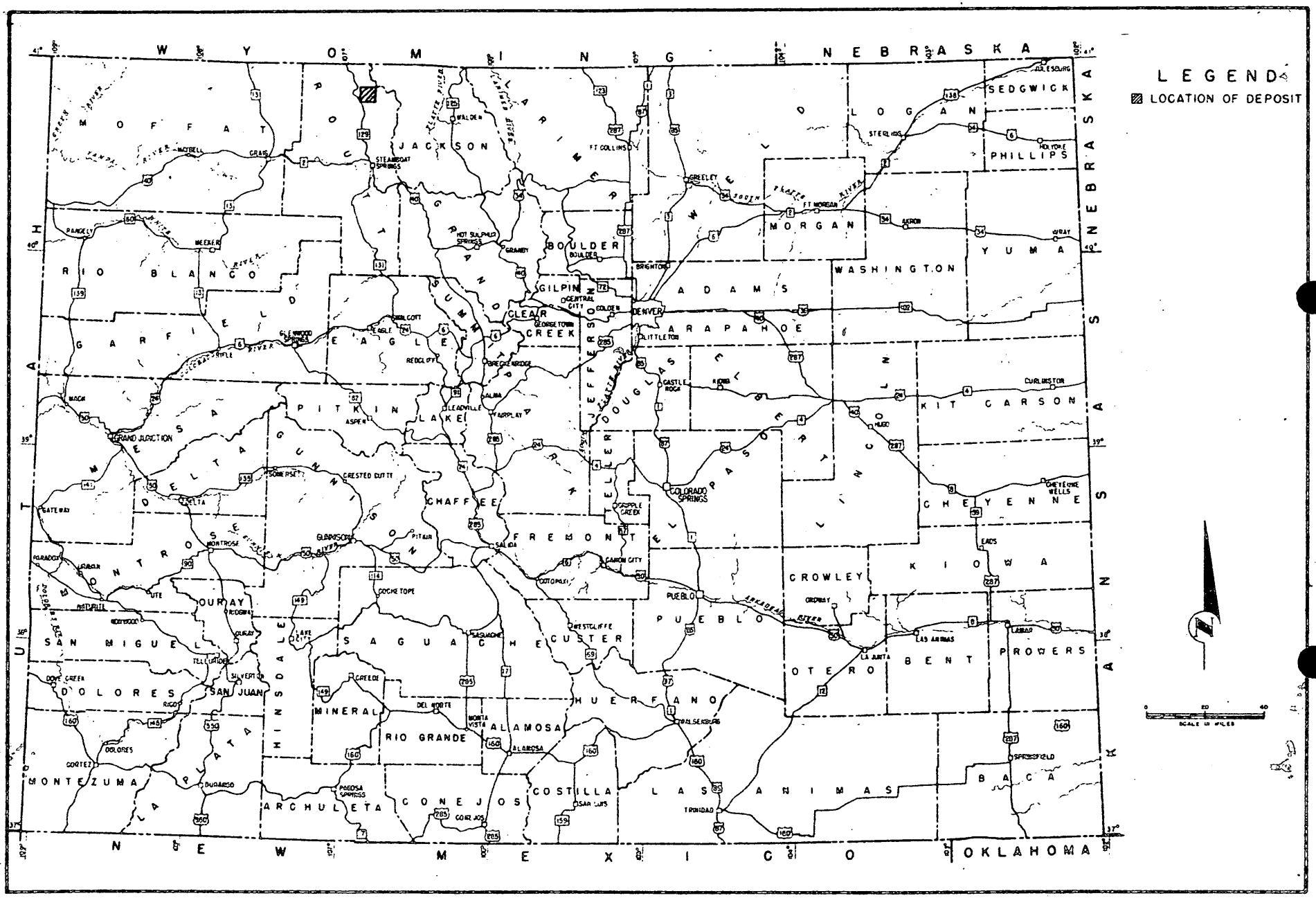

FIGURE 1 - MAP SHOWING LOCATION OF DENNIS D CLAIMS (SUMMIT MINING CO.,) ROUTT COUNTY, COLO. DMEA 4727

of Slavonia. The Dennis D. claims lie at an estimated average altitude of 10,500 feet.

The major drainage of the area is the Elk River and its north and south forks. Water for mining needs can be obtained from a number of creeks and small streams in the area.

Vegetative cover consists principally of spruce and pine trees on the hillsides and cottonwoods, aspens, and range grasses along the valleys and stream beds. Timber is of suitable size for mine use. A sawmill is located near the property.

The climate is severe with winters of long duration during which the temperatures may drop to -30° F. or colder. Heavy snowfalls result in the area becoming inaccessible from about the beginning of December to the end of May or later. The summers are cool and of short duration. July and August are commonly marked by frequent thundershowers.

Power needs would need to be supplied by portable power equipment.

Small mining supplies could be obtained from Steamboat Springs.

PROPERTY

The property consists of 24 unpatented claims. The claims are all named the Dennis D. and are numbered from 1 to 24. The claims are recorded in the Routt County courthouse in Book 273, pages 129 to 175, inclusive.

The owner of the Dennis D. group of claims is listed as Summit Mining Company, Box 126, Dillon, Colorado.

HISTORY AND PRODUCTION

Initial activity within the Slavonia mining district is not known. Production from the district is not considered as significant.

The applicant located the Dennis D. group of claims during the fall of 1955. Since that time, the applicant has not produced any ore from the property.

PRESENT STATUS

The property has been developed by two shallow bulldozer cuts and by two small open cuts at pegmatite outcrops.

Several steep Jeep roadways pass through or near the cuts.

The applicant has established a house-trailer camp a few miles from the property.

ORE RESERVES

There are no known ore reserves.

GEOLOGY

The Dennis D. claims are in an area of Precambrian schist and gneiss cut by dikes and irregular masses of pegmatite. Many of the dikes are only a few feet thick; the largest pegmatite mass observed is 200 feet long and 50 feet wide.

The foliation of the gneiss ranges in strike from N. 70° W. to N. 80° E. and in dip from 75 to 85° south. Several steeply dipping northwesterly-trending shears cut the pegmatites in pits 1 and 2. The pegmatites, however, appear to have a random orientation.

All the occurrences examined are in pegmatite. One cut has been opened on Dennis D. No. 1 claim and three on Dennis D. No. 10 claim (fig. 2). On claim No. 1 small (one-half to 1 inch) blobs of samarskite or euxenite occur in pegmatite associated in part with a 1- to 2-inch northwest biotite-rich fracture. Material believed by the applicant to be beryl is feldspar (probably albite or oligoclase). The three cuts on claim 10 contain fine-grained samarskite or euxenite disseminated in pegmatite. In two of the pits the uranium-bearing areas are in shears but it is not believed that the occurrences are genetically related to the shears. The boundaries of the uranium-bearing areas are difficult to determine and their sizes are not known. However, the occurrences are plentiful enough so that hand specimens are readily located. The maximum radioactivity in the pits is 0.5 Mr/hr, but the high is generally about 0.2 Mr/hr.

Four samples were taken as follows:

Sample No.	Location	Type	Width in feet
EB-36	Pit No. 1	Representative chip sample.	15
EB-37	Pit No. 2A	do.	10
EB-38	Pit No. 2	do.	5
Dennis D.No.1	Pit No. 2	do.	20

Semiquantitative spectrographic analyses of the samples follow:

Field No.	EB-36	EB-37	EB-38	Dennis D. #1
Element				
Be	.0003	0	0	.00015
Ce	0	.015	0	0
Dy	0	0	.03	.015
Er	0	0	.03	.015
Eu	0	0	0	0
Gd	0	0	.015	.007
Ho	0	0	.015	Tr.
Lu	0	0	0	0
Nd	0	Tr.	0	0
Pr	0	0	0	0
Sm	0	0	0	0
Tb	0	0	0	0
Th	0	0	0	0
Tm	0	0	Tr.	Tr.
U	0	0	0	0
Y	.007	.003	.15	.15
Yb	.0015	.0003	.03	.015
	.0088	.0183	.27	.20215

APPLICANT'S EXPLORATION PROGRAM

The applicant's proposed exploration program is very vague. The applicant states "Our wish to explore is to prove quantity and quality of above described ore bodies." The above described ore bodies refer to a pegmatite dike claimed by the applicant to have an approximate length of 1,800 feet and 300 feet in width. The applicant on the "Sketch of Dennis D. Claims" map shows the location of 12 proposed drill holes, 8 of which are erratically distributed to test a northeast-trending dike (fig. 2). The remaining 4 holes have been located on approximate 700-foot centers, in an area designated by the applicant as "Area #3 - Ore in sight - Surface and small cuts."

No alternative program is recommended.

CONCLUSIONS AND RECOMMENDATIONS

Fine-grained samarskite (or euxenite) is disseminated and occurs in small blobs in pegmatites cutting Precambrian gneiss and schist. Beryl, thought to be present by the applicant, occurs only in trace amounts. Assay results show that neither uranium, rare earths, nor beryl are present in significant amounts.

Because of the low grade of the occurrences exposed and because in deposits of this type (pegmatites) there are no geologic reasons to expect an increase in grade, it is recommended that the application be denied.

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DMEA
RECEIVED JUL 22 1957

DATE	INITIALS	CODE
7/22	C	220
"	FMM	700

224 New Customhouse
Denver 2, Colorado

July 19, 1957

Mr. Donald D. Fresh
General Delivery
Clark, Colorado

Re: Docket DMEA 4727 (Uranium and Rare Earths) Summit Mining Company (Dennis D. Claims) Routt County, Colorado

Dear Mr. Fresh:

An examination of the subject property is scheduled for examination July 24, 1957

Will you please meet our field examiners: Mr. Ed Buel and Mr. Frank Moore at the cabins in Clark, Colorado, the morning of July 24 and accompany them to the property as agreed in our telephone conversation July 15, 1957?

Very truly yours,

Original signed by
W. H. KING

W. H. King
Executive Officer
DMEA Field Team, Region III

HMC:eh

cc: Sec. Op. Comm. (2)
Harshman
DMEA/DFC (2)
Docket
Chron.

DMEA
DEPARTMENT OF THE INTERIOR

APR 30 1957
REGION III
DENVER, COLORADO

REGION III

Building 20
Denver Federal Center
Denver 2, Colorado
April 29, 1957

Memorandum

To: Executive Officer, DMEA Field Team, Region III

From: Superintendent, Denver Experiment Station, Region III

Subject: Docket DMEA 4727 (Uranium and Rare Earths) Summit Mining Co. a partnership - D. D. Fresh, Larry A. Chase and D. E. Newland (Dennis D. Claims) Routt County, Colorado

The application for Summit Mining Co., Docket DMEA 4727, in the amount of $59,428.00 was received in this office on April 29, 1957.

A field examination will be made and a suitable report prepared by an engineer from the Denver office.

W. H. KING

W. H. King

cc: Executive Officer (2)
EWHarshman
AEKonselman

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RECEIVED MAY 3 1957

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5/3	C	220
	~~Moorhead~~	700

WO (2)

OFFICIAL FILE COPY DMEA RECEIVED APR 29 1957		
DATE	INITIALS	CODE
4/29	C	220
	Murphy	700

224 New Customhouse
Denver 2, Colorado

April 26, 1957

Memorandum

To: W. H. King, E. N. Harshman } W/enclosures, Items 1-5 Below

From: DMEA Field Team, Region III

Subject: Docket DMEA 4727 (Uranium and Rare Earths) Summit Mining Company, a partnership - B. D. Fresh, Larry A. Chase and D. E. Newland (Dennis B. Claims) Routt County, Colorado

Enclosed is the following material relating to the subject docket.

1. Copy of application for Government assistance in exploration work under the DMEA program.
2. Memorandum of Review by James Paone, USBM.
3. Memorandum of Review by N. E. Saleeb, USGS.
4. Letter of transmittal of the foregoing to this office, dated April 24, 1957, from the Chairman, Operating Committee, DMEA.
5. Routing Control Sheet.

A joint report of recommendations based on available information or a joint report of findings and recommendations based on a field examination is requested.

If the field examiners recommend Government participation in the proposed exploration program, please submit twelve extra copies of each map used in the joint report which show the land to be subordinated and the location and extent of recommended work, relative to property boundaries.

The Bureau of Mines' copy of the application should be returned to this office with the joint report of examination. Mr. Harshman will forward the Survey's copy of the application to the Washington office.

By E. N. Harshman
Acting Executive Officer

Enclosures
MBM:eh
cc: Sec. Op. Comm. (2)
King
Docket
Chron.

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
4-22	Murphy	700
4-22	[illegible]	700
4/24	Selfridge	130
"	Johnson	110
"	Mittendorf	100
4/25	[illegible]	220
		700
		220

Summit Mining Company
Box 131,
Dillon, Colorado

APR 24 1957

Re: Docket No. DMEA-4727 (Uranium-Rare Earths)
Dennis D. Claims
Routt County, Colorado

Gentlemen:

Lamb
Kilgard

The application for assistance in exploring your claims, under the captioned docket number, has been reviewed by the Rare and Miscellaneous Metals Division of the Defense Minerals Exploration Administration. It has been referred to:

Mr. E. N. Harshman
Acting Executive Officer
DMEA Field Team, Region III
224 New Customhouse Building
Denver 2, Colorado

The Regional Office will contact you in regard to your project if additional information is required.

Sincerely yours,

C. O. Mittendorf (for)

Administrator

FMMurphy/dlm 4-22-57
cc to Mr. Murphy
Admr.&s Reading File
DMEA Field Team, Region III (2)

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
4-22	Murphy	700
4-22	[illegible]	700
4/24	Selfridge	130
"	Johnson	110
"	Mitterdorf	100
		220

APR 24 1957

Mr. E. E. Marshman
Acting Executive Officer
DMEA Field Team, Region III
224 New Customhouse Building
Denver 2, Colorado

Re: Docket No. DMA-4727 (Uranium-Rare Earths)
Summit Mining Company
Dennis D. Claims
Routt County, Colorado

Dear Mr. Marshman:

The captioned application is referred to Region III Field Team for investigation, a field examination if deemed advisable, and recommendations.

Enclosed are copies of memoranda, dated April 10 and 17, 1957, by James Paone, USBM, and R. E. Nelson, USGS, respectively, relating to the application. Also enclosed for Field Team use are two copies of the application.

Judging from the data submitted, the prospect does not appear too favorable; however, the Applicant has evidently done considerable trenching on the claims to expose the best areas.

The copies of drilling bids forwarded with your memorandum of April 12 are acknowledged.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (FB)

Enclosures

APPROVED:

Frank D. Lamb (FB)
Member, Bureau of Mines

Thor H. Kiilsgaard (FB)
Member, Geological Survey

FMMurphy/dlm 4-22-57
cc to: Mr. Murphy
Admr.'s Reading File
Operating Committee
THKiilsgaard, 5225

8623

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

IN REPLY REFER TO:

OFFICIAL FILE COPY
DMEA
RECEIVED APR 19 1957

DATE	INITIALS	CODE
4/19	C.	220
4-19	~~[illegible]~~	700
	C. Murphy	
	Comments	
	Complete	

April 17, 1957
Re: DMEA 4727
Summit Mining Company
Dennis D Claims
Routt County, Colorado
$59,428.00 - Uranium, etc.

Memorandum

To: E. W. Ellis, Defense Minerals Exploration Administration

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

Subject: Review of application

The applicant requests assistance in exploring by drilling pegmatites in schist.

Pits and open cuts in the pegmatites are said to show that the pegmatites are of very great and large volume and tonnage. That they contain uranium of moment seems less likely as only one representative sample of ore grade material appears to have been taken.

A report by Jas. M. Orr of the American Leduc Uranium Corp., dated Oct. 20, 1955, says "To summarize: in our opinion the showings do not appear favorable enough for the company to participate at this time." Mr. Orr reports and probably took a sample from the large dike that assayed 0.10% U_3O_8. No width sampled is given.

Unless work done since the visit of Mr. Orr has improved the outlook, a denial without an examination is in order. A request for more favorable information should be made.

Referral of the application to the Field Team for appropriate action is recommended.

N. E. Nelson

N. E. Nelson

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

224 New Customhouse
Denver 2, Colorado

OFFICIAL FILE COPY
DMEA
RECEIVED APR 15 1957

DATE	INITIALS	CODE
4-16	C	220
4-16	[illegible]	780

April 12, 1957

Memorandum

To: Secretary to the Operating Committee, DMEA

From: DMEA Field Team Region III DMEA-4727

Subject: Supplement to Application for DMEA Aid (~~Uranium~~ and Rare Earths) Summit Mining Company, a partnership-- D. D. Fresh, Larry A. Chase and D. E. Newland (Dennis D. Claims) Routt County, Colorado

Not submitted with the application but now enclosed for attaching thereto are the original and two copies of the following:

1. Letter bid dated April 8, 1957, from George Marshall relative to the core drilling proposed in the subject application.
2. Letter bid dated April 8, 1957, from Arrow Drilling Company relative to the core drilling proposed in the subject application.
3. Letter bid dated April 11, 1957, from Golden Drilling Company relative to the core drilling proposed in the subject application.

We are advised by the applicant that the drilling cost estimates shown in the application are the average costs indicated as a result of telephone conversations with the first two listed contractors.

E. N. Harshman

By E. N. Harshman
Acting Executive Officer

Enclosures

OFFICIAL FILE COPY DMEA RECEIVED APR 18 1957		
DATE	INITIALS	CODE
4/18	JWD	220
"	Ellis	700

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

Date April 10, 1957

DMEA Docket No. 4727
DMEA Contract No.
Commodity Uranium
Name of applicant Summit Mining Company
Name of property Dennis D. Claims
Location of property Routt County, Colo.
Estimated cost of project $59,428.00

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee
To: James Paone, Bureau of Mines Alternate Member
Uranium Commodity Committee
Subject: Review of Application
(Application, Field Team Report, etc.)

1. Date of subject document: 4/11/57 2. Date received by reviewer: 4/16/57

3. Other reports on this property known to reviewer: Yes [ ] No [ ]

4. Other reports on similar properties known to reviewer: Yes [ ] No [ ]

5. Other data available on part's production: Yes [ ] No [ ]

6. Other pertinent factors known to reviewer: Yes [ ] No [ ]

7. Reference data cited you above:

8. Note a needing special consideration:
a. Location [ ]
b. Ownership [ ]
c. Absence of mineralization [ ]
d. Geology [x]
e. Proposed exploration method [ ]
f. Alternate exploration method [ ]
g. Costs [x]
h. _____ [ ]

9. Action advised:
a. Obtain information from applicant [ ]
b. Refer to Field Team [x]
c. Denial [ ]
d. Agree with Field Team [ ]
e. Disagree with Field Team [ ]
f. Suggest alternate plan [ ]
g. Request another construction [ ]
h. Approval [ ]
i. Consult with Mr. E. E. Thurlow at Denver, AEC office.

10. Remarks: (Use back of page if necessary) Prospects for significant discovery on subject property do not appear to be promising.

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
Washington 25, D. C.

April 16, 1957

Mr. Donald D. Fresh,
Summit Mining Company,
Box 131,
Dillon, Colorado.

Subject: DMEA 4727
Re: Exploration Assistance

Dear Mr. Fresh:

Your application for exploration assistance, dated (Not Dated) submitted to our office at Denver, Colorado, has been assigned Docket Number DMEA 4727 and referred to the Rare & Miscellaneous Metals Division in the Washington office. Kindly identify all future correspondence relating to your application by this Docket Number.

Sincerely yours,

Allen S. Dakan, Chief
Operations Control and
Statistics Division

Copy to: Region III.

3571

DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

EXAMINATION REPORT
DMEA 4727

PREPARED FOR
DEFENSE MINERALS
EXPLORATION ADMINISTRATION

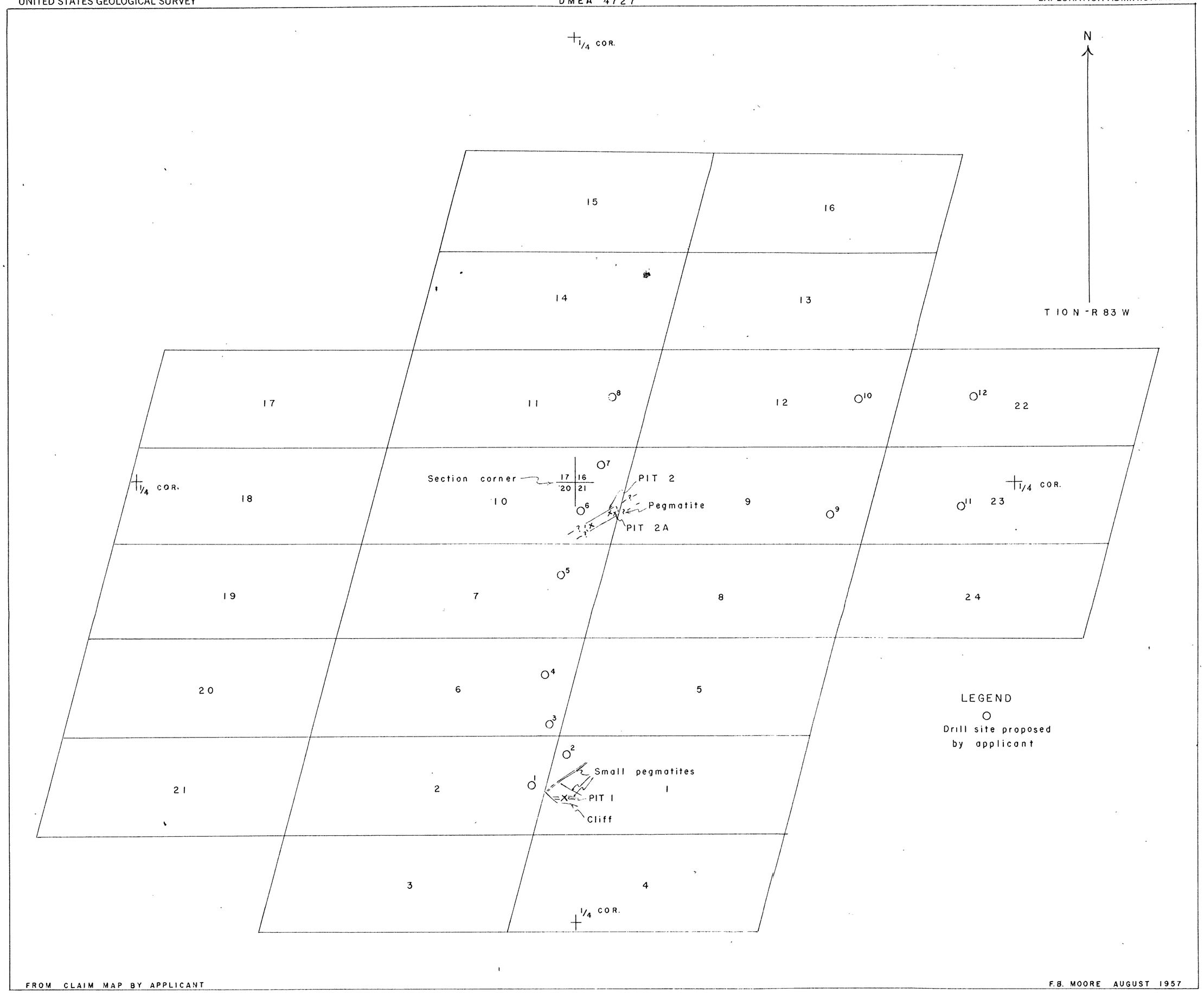
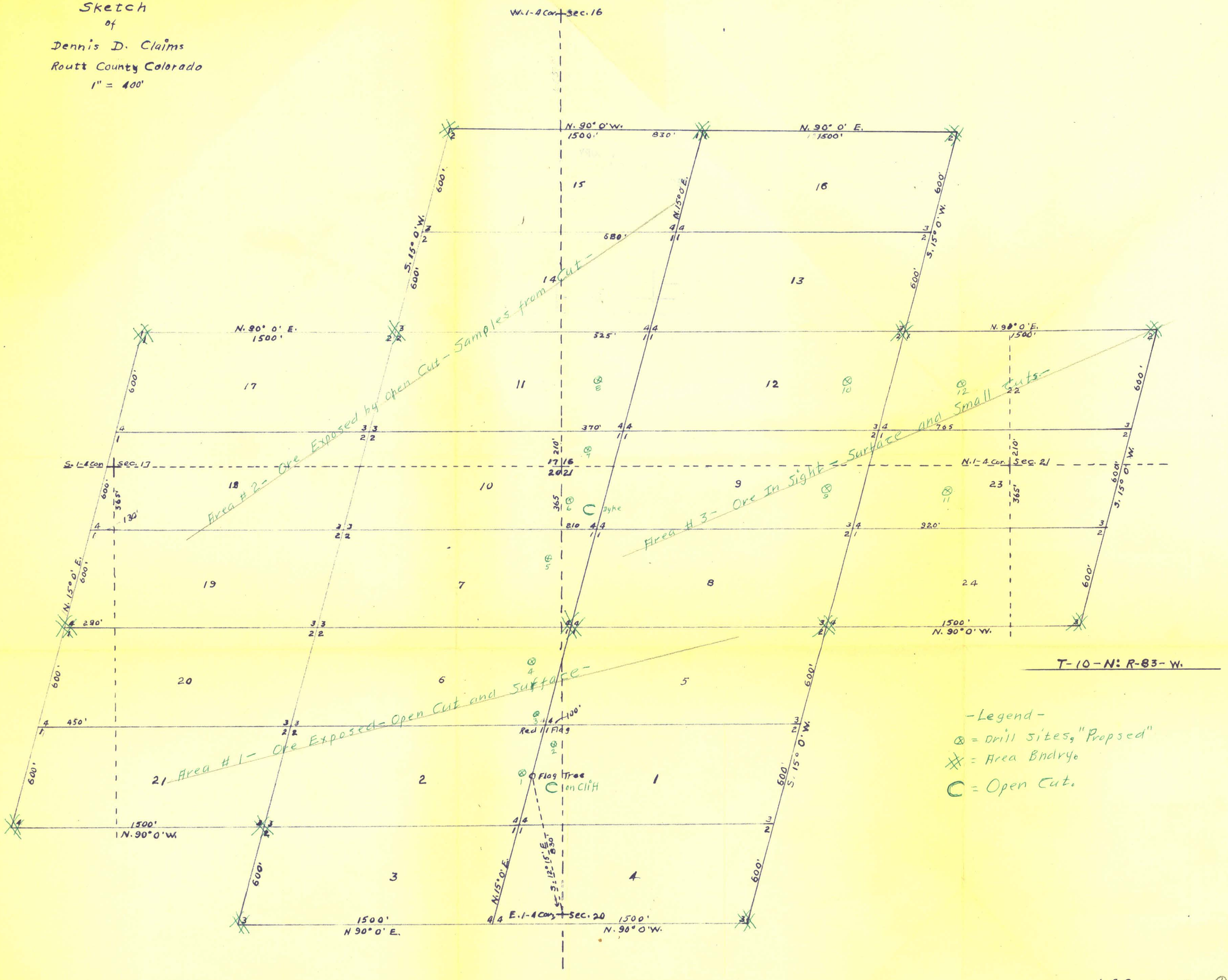


FIGURE 2.- CLAIM MAP SHOWING SAMPLE LOCATIONS, DENNIS D CLAIMS, ROUTT COUNTY, COLORADO.

400 0 400 800 1200 1600 FEET

Sketch
of
Dennis D. Claims
Routt County Colorado
1" = 400'



L.A.C. 1-4-56 ①