OUT

~~RANDAL MINING DIR 93-94~~

OUT TO	FILE NUMBER OR NAME OUT	DATE
2/10/3	~~BOLENOUS~~	2/12
3/4/93	~~Sweeney/Pancy~~	~~4/13~~
4/28/93	~~Hughes~~	
3/2/94	~~Butler~~	
~~Jungle~~	~~1080 DMA~~	~~10/1~~
~~Magee~~	~~DMCA 3435~~	~~1/2/04~~
Carlsen	DMCA 4999	7/19

OUT TO	FILE NUMBER OR NAME OUT	DATE

Smead No. 125-OG HASTINGS, MN. — LOS ANGELES — LOGAN, OH. — McGREGOR, TX. — LOCUST GROVE, GA. U.S.A.

OUT

OUT TO	FILE NUMBER OR NAME OUT	DATE	OUT TO	FILE NUMBER OR NAME OUT	DATE	OUT TO	FILE NUMBER OR NAME OUT	DATE
D. Avery	USGS PP 312	4/19/99						
	FCI-D1 OME 6476							
	~~DMEA (BC) 152546~~	~~8/25~~	~~JW~~	~~BOX~~				
	152547	10/03		440				
JC Wallis	Alaska Pull ~~DMEA 0026~~	10/03	~~Box 440~~					

Smead No. 125-OG HASTINGS, MN. — LOS ANGELES — LOGAN, OH. — McGREGOR, TX. — LOCUST GROVE, GA. U.S.A.

DMEA Form 9
Rev. 6/57

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE Idm-E NO._____ DMEA NO. 4988

Application
- [x] Denied
- [ ] Withdrawn

Contract
- [ ] Terminated - Not Certified
- [ ] Terminated - Certified
- [ ] Cancelled
- [ ] Royalty Agreement

The records contained in this file are marked (x) and arranged in this order:

Folder No. 1:

Left Side

- [ ] Royalty Audits
- [ ] Certification of Discovery
- [ ] Closing Letter
- [ ] Cost Audits
- [ ] Termination Notice or Agreement
- [ ] Recision Notice
- [ ] Assignment of Contract
- [ ] Contract Amendments
- [ ] Contract with all exhibits and annexes
- [ ] Owner's Consent to Lien and Subordination Agreement
- [x] Application and attachments

Right Side

- [x] Project summary (final)
- [ ] Work Comoleted analysis (final)

All other material filed in chronological order including the following reports if checked:

- [ ] Field Team Semi-Annual Report for Certified Project
- [ ] Final Field Team Report (Tab)
- [ ] Operator's Final Report (Tab)
- [ ] Interim Field Team Reports
- [ ] Operator's monthly reports and all attachments
- [x] On-site Exam Report (Tab)
- [ ] Settlement Sheets
- [ ] Drill Logs

Additional Folders:

Left Side

Folders No._____: Reports
- [ ] Analysis of Semi-Annual Inspection Reports
- [ ] Project Summary (Interim) by DMEA Engineers

Right Side

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

Folders No. 2: Maps (Use pocket folder or envelope)

Folders No._____: Settlement Sheets

Folders No._____: Drill Logs

Folders No._____: Royalty material

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

April 21, 1958

DMEA
RECEIVED APR 24 1958
DATE | INITIALS | FILE

Mr. George C. Selfridge, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: New Application (Uranium-Thorium-Rare Earths)
Stanley Neace and Andrew Foskett
Mary Jane Claims
Ferry County, Washington

Dear Mr. Selfridge:

Enclosed are the original and two copies of an application submitted by Stanley Neace and Andrew Foskett, partners, for Government aid for the exploration of uranium-thorium-rare earths on the Mary Jane claims, Ferry County, Washington. The estimated cost of the project is $17,301.

An examination will be attempted Wednesday and Thursday of this week.

Sincerely yours,

A. E. Weissenborn

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

Enclosures

cc: USBM (2)
Geologist

Form MF–103
Revised Oct. 1957

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42–R1035.3
Approval expires June 30, 1958

DMEA A

APPLICATION FOR AID IN AN EXPLORATION PROJECT

PURSUANT TO DMEA ORDER I, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

NAME OF APPLICANT (Full legal name and mailing address as it should appear on contract if one is executed)

Stanley Neace Winona Wn
Andrew Foskett; E703 Gordon Ave.
Spokane, Wn.

RECEIVED
APR 18 1958
U. S. G. S.
SPOKANE, WASH.

APPLICANT NOT TO USE THIS BLOCK

Docket Number: DMEA - 4988
Date Received: 4-24-58
Government Participation %:
Region: I
Division Code: 700

BUSINESS ORGANIZATION (Check one)

- Individual [ ]
- Corporation [ ]
- Partnership [✓]
- Other (Specify) [ ]

State in which firm is organized: Wash.

LIST CORPORATE OFFICERS OR PARTNERS HERE, IF APPLICABLE

Name	Address	Title
Stanley Neace Sr,	Winona, Wn.	Partner
Stanley Neace Jr,	" "	"
Andrew Foskett,	E703 Gordon Spokane 22, Wn	Original Locator & Director of Operations

Mineral(s) for which you wish to explore: Uranium, Rare Earths & Thorium.

Estimated Cost of Project: $ [redacted] $17,301.00

LOCATION OF PROPERTY

Name	County	State
Mary Jane Claims	Ferry	Wash.

GENERAL INSTRUCTIONS

Before filling out this application, please read DMEA Order–I, Revised, "Government Aid in Defense Exploration Projects." To assure prompt action, your application must provide all applicable material and information specified on the back of this application form. Avoid unnecessary correspondence and delays by submitting complete and accurate information. *Please submit four copies of this application and all accompanying papers* except as otherwise noted. Place your name and address on each sheet. Each item of information, maps, and reports required as a part of this application is described on the back of this form. Identify each attached statement by the item number to which it applies. If an item does not apply to your application, show the item number on your statement and after it write "not applicable." Maps or sketches should be used to supplement narrative descriptions of the property location and boundaries in item 1, existing mine workings and geology in item 2, and the proposed exploration project in item 4. When this information is not too complex, all of it may be shown on one map or sketch. All documents and other attachments submitted as a part of this application, except those in item 2(g) which you mark to be returned, become the property of the Government and will not be returned to the applicant. Send true copies, *not originals*, of leases, contracts, and other documents which are an essential part of your business records. *File this application with the Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest DMEA Field Office.*

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.

4-16-58
Dated

Stanley Neace
Andrew Foskett
BY (*Signature*)

Owners
Title

A wilfully false statement or certification to any Department or Agency of the United States Government is a criminal offense. U. S. Code, Title 18, Sec. 1001.

INFORMATION REQUIRED WITH THIS APPLICATION

1. *Applicant's Property Rights:*

(a) State the legal description (section, township, and range; metes and bounds; patent number of claims) of the land upon which you wish to explore and all land adjacent to the proposed project area which you own or control. Describe any part of the project land or workings which should not be subject to Government lien for royalty payments. If the land consists of unpatented claims, state the book and page number for each recorded location notice, including amended locations, and the place where recorded (courthouse, recorder's office, county, and state).

(b) State all the names by which you know the property.

(c) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise. If you are not the owner, submit with this application one exact copy of the lease, contract, or other document (with address of owner) under which you control the property.

(d) Describe all liens, mortgages, or other encumbrances on the property.

2. *Physical Description:*

(a) Describe in detail and illustrate with maps or sketches all mining or exploration operations which you know have been or are being conducted upon the lands, including existing mine workings. Describe all production facilities.

(b) State your interest, if any, in operations stated in 2*(a)*.

(c) State, as far as you know, the past and current production, supporting your statement with copies of settlement sheets, mine records, or published data if available.

(d) Describe known ore reserves on the property giving quantities and grades and sampling methods used, supporting your statement with copies of assay certificates and assay maps if available.

(e) Describe by narrative and maps or sketches the geologic features of the property, including ore minerals, geologic formations if known, and type of deposit (vein, bedded, etc.).

(f) State your reasons for expecting to find ore, and if you have sampled the area you propose to explore, show where the samples were taken, describe sampling methods used, and provide copies of assay certificates.

(g) Send with your application at least *two* copies of all geologic or engineering reports, assay maps, or technologic information which you may have, indicating on each whether you require its return to you.

3. *Accessibility of Project:*

(a) To aid DMEA representatives who may be required to examine the property, state the name and address of the person who will meet the DMEA representative; give directions for reaching the property; and describe accessibility of the property including the mine workings.

(b) Name the shipping and supply points and places where employees reside and state the distances between them and the property.

4. *The Exploration Project:*

(a) Describe fully the proposed exploration project giving individual footages and sizes of openings *for each item of work.* Use narrative, maps, plans, and longitudinal and cross sections as necessary. Show the location of the proposed work as related to geologic features such as veins, ore-bearing beds, contacts of rock formations, etc. Show also the relation of the proposed work to any existing mine workings and to *property boundaries* or to the closest identifiable corner.

(b) If an access road to the project must be built, show the location on the property map and state the length, type, and construction methods proposed.

(c) In the event that an exploration contract with DMEA is executed, how soon will the work start and how many months will be required to complete it? State your anticipated average daily or monthly rate of progress for each type of work.

5. *Experience:*

State your operating experience and background with relation to your ability to carry out this exploration project, and also that of the person or persons who will supervise the operations.

6. *Estimate of Costs:*

Furnish detailed estimates of the costs *for each item of the work proposed in 4(a)* under the headings listed below with a total for each heading and the estimated total cost of the project. Costs for any work to be performed by an independent contractor should be shown separately under category *(a)* below. Costs for any work that is not to be performed by an independent contractor should be given in detail under categories *(b)* through *(g)*.

(a) Independent contracts. State the cost of any proposed independent contract for the performance of all or any part of the work, expressed in units of work, such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, per cubic yard of material moved. Cost estimates should be supported by bids from three contractors if possible. *(Note* – If none of the work is to be contracted, write "none" after this item.)

(b) Personal services. For necessary supervision, engineering and geological services, and labor, include an itemized schedule of numbers, classes, rates of wages, salaries or fees, and periods of employment. State whether these technicians and employees are available.

(c) Operating materials and supplies. List items of material and supplies with their cost. Include under this heading power, water, and fuel, and units of equipment and tools costing less than $50 each.

(d) Operating equipment. List items of operating equipment to be used giving specifications and indicating how each item is to be acquired – i.e., rented, purchased, or provided by the applicant. If it is rented or purchased, state the estimated rental or purchase price. If it is to be furnished by the applicant, give its present fair market value.

(e) Initial rehabilitation and repairs. Describe the type and the cost of necessary *initial* rehabilitation or repair of existing buildings, fixtures, installations (exclusive of mine workings), and movable operating equipment now owned by the applicant, which will be used on the exploration project.

(f) New buildings, fixtures, installations. Describe each building, fixed improvement, and installation to be purchased, constructed, or installed for the exploration project stating specifications and cost including labor, materials and supervision.

(g) Miscellaneous. For the operating equipment listed in 6*(d)*, describe the type and estimate the cost of repairs and maintenance expected during project operations. Do not repeat initial repairs listed in 6*(e)*. Show also the costs of analytical work, accounting, workmen's compensation and employees' liability insurance, payroll taxes, and other required costs that do not fall within the previous categories.

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)* State whether you are prepared to furnish your share of the cost of the proposed project in accordance with the regulations on Government participation stated in Sec. 7 of DMEA Order–I, Revised.

(b) Explain to what extent you propose to furnish your share of the costs by providing money, by use of equipment owned by you, or otherwise.

* * * * *

INT.-DUP. SEC., WASH., D.C. 25960

Mary Jane Claims.

Item	Recap Project Costs		
1.	1000' Drilling RX. Holes	@ $5.98 per foot	$5,980.00
2.	5 Ea. Test Holes 3'X5'X20' Deep digging — & Concentrating	@ $28.00 per yd	2,100.00
3.	2000' Scalping	@ 104.00 per day	1,560.00
4.	2 Mi Access Road	@ 104.00 " "	1,560.00
5.	Cross Cut Dike 5'X12'X60'	@ 13.5 per yd	1,800.00
6.	12'X12' Dble Const. Addition — To Shop for Storage, Supplies.		330.00
7.	Geologist @ $640.00 per mo + Gas 40.00; 2 Mo.		1,360.00
8.	Compressor & Hammer Rental 235.00 Mo		235.00
9.	Estimated Repair & Maint.		931.00
10.	Hauling & Returning Equip.		700.00
11.	Powder, Caps, fuse, Culvert Etc		230.00
12.	Locating & Clearing Rightofway		115.00
13.	Assaying Charges		200.00
14.	Insurance & Workmens Compensation		200.00
	Total		$17,301.00

We are prepared to supply our 50% of this project, with equipment, labor & Cash.

A. Toskett
S. Neace Sr
S. Neace Jr.

DMEA
RECEIVED 24 [illegible]58

A. H. HOLLAND, PRES.
EDMUND E. PHILLIPS, VICE-PRES.—GEN. MGR.

OUR MOTTO:—WHAT THERE IS IN IT, NO MORE, NO LESS.

M. E. HOLLAND, TREASURER
M. E. PHILLIPS, SECRETARY

THE COLORADO ASSAYING COMPANY

(Incorporated)

COMPLETE ANALYSIS ON ANY ORE $25.00 UP

THIS ANALYSIS WILL DETECT AND REPORT EVERY ELEMENT OR METAL THAT MAY BE PRESENT IN THE ORE, TOGETHER WITH THE PERCENTAGE AND VALUE OF EACH. IT IS THE MOST SATISFACTORY ANALYSIS TO APPLY ON ALL UNKNOWN ORES, WHOSE GENERAL APPEARANCE INDICATES PROBABLE VALUES

ASSAYERS AND CHEMISTS

2013 WELTON STREET

QUALITATIVE ANALYSIS $5.00

THIS ANALYSIS WILL DETECT AND REPORT THE ABSENCE OR PRESENCE OF THE FOLLOWING 23 METALS: LEAD, SILVER, MERCURY, GOLD, BISMUTH, ARSENIC, ANTIMONY, COPPER, CADMIUM, TIN, ALUMINUM, MANGANESE, COBALT, ZINC, CHROMIUM, STRONTIUM, IRON, NICKEL, BARIUM, CALCIUM, MAGNESIUM, TUNGSTEN AND MOLYBDENUM.

DENVER 1, COLO., July 13, 1955

Report on Spectrographic Analysis submitted by Mr. Andrew Foskett, Spokane, Washington.

* *

ELEMENTS PRESENT	APPROXIMATE PERCENTAGES	ELEMENTS PRESENT	APPROXIMATE PERCENTAGES
Silicon	major	Gallium	.001
Aluminum	10.	Lithium	.001-.01
Iron	1.-3.	Lanthanum	.2-.5
Calcium	1.-3.	Lead	.001
Magnesium	.5-1.	Nickel	.001
Sodium	5.	Neodymium	.1-.3 125.00
Potassium	3.	Praseodymium	.1-.3
Titanium	.5	Strontium	.001
Manganese	.05-.1	Samarium	.1
Barium	.05	Thorium	.2-.3
Beryllium	.001-.01	Uranium	trace
Copper	.001	Vanadium	.005
Chromium	trace	Yttrium	.1-.5
Cerium	.5-1.	Ytterbium	.05
Dysprosium	.01	Zirconium	.01-.1
Erbium	.01		

Gold	Trace.
Silver	Trace.

REMARKS: This sample consists chiefly of dark Quartzsite (silica with traces of iron and carbon etc.), and white Feldspars (sodium potassium calcium aluminum silicate).
The black flaky mineral is Biotite Mica.
The heavy yellow mineral is a Monazite (rare earth phosphate with thorium silicate).
The Rare Earth Phosphates if concentrated will be saleable.

OFFICIAL FILE COPY
DMEA
RECEIVED APR 24 1958
DATE | INITIALS | CODE

Respectfully submitted,

THE COLORADO ASSAYING COMPANY

Edmund Phillips

A. H. HOLLAND, PRES.
EDMUND E. PHILLIPS, VICE-PRES.—GEN. MGR.

OUR MOTTO:—WHAT THERE IS IN IT, NO MORE, NO LESS.

M. E. HOLLAND, TREASURER
M. E. PHILLIPS, SECRETARY

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ASSAYERS AND CHEMISTS

2013 WELTON STREET

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DENVER 1, COLO., August 23, 1957

Report on Spectrographic Analysis submitted by Mr. A. Foskett, Spokane, Washington.

* *

ELEMENTS PRESENT	APPROXIMATE PERCENTAGES
Silicon	major
Iron	major
Titanium	5.
Aluminum	3.-5.
Calcium	2.
Sodium	1.-2.
Zirconium	2.-3.
Barium	.05
Chromium	.001-.01
Copper	.001
Cobalt	.001
Gallium	.001
Hafnium	.01-.1
Lead	.01-.1
Magnesium	.5
Manganese	.5
Molybdenum	.001-.01
Nickel	.01
Potassium	.1-1.
Strontium	.001
Scandium	.001-.01
Thorium	.3-.5
Tin	.001
Tungsten	.01-.03
Zinc	.05-.1
Rare Earths	.2-.5

Uranium - none detected
Gold - .01 oz./ton @ $35.00/oz. - 35¢/ton
Silver - trace

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DATE	INITIALS	CODE

REMARKS: This sample is a Black Sand concentrate.
It consists mostly of black magnetic Magnetite (iron oxide), some black slightly magnetic Ilmenite (iron and titanium oxides), much hard white Quartz Sand (silica), some near white Feldspar grains (sodium potassium calcium aluminum silicate), heavy red Garnets (complex iron aluminum silicate), the very heavy clear grains of Zircon (zirconium silicate), and small amounts of other minerals.
The Zircon and the Thorium-Rare Earth contents are of greatest interest in this sample.

Respectfully submitted,

THE COLORADO ASSAYING CO.
Ed. Phillips

3

Spokane Wn.
Nov. 4, 1957

U. S. Geological Survey.
Geochemistry & Petrology Branch

Dear Sirs.

I have sent you under seperate cover samples of concentrate of placer and of the rock containing monazite. This spectrograph was of other placer samples sent in. We have a large deposit of radio-active material. Am enclosing spectrograph sheet of surface sample sent in about three years ago. We also have monazite and exotine in placer in Idaho that runs 5.9% Thorium. Am very interested in ways of concentrating so far the Universities haven't been to help-full in this matter. Will appreciate your opinion of the rock and placer sample.

Sincerely Yours
Andrew Foskett

A. H. HOLLAND, PRES.
EDMUND E. PHILLIPS, VICE-PRES.—GEN. MGR.

OUR MOTTO:—WHAT THERE IS IN IT, NO MORE, NO L[illegible]

M. E. HOLLAND, TREASURER
M. E. PHILLIPS, SECRETARY

THE COLORADO ASSAYING COMPANY

(Incorporated)

COMPLETE ANALYSIS ON ANY ORE $25.00 UP

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ASSAYERS AND CHEMISTS

2013 WELTON STREET

QUALITATIVE ANALYSIS $5.00

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DENVER 1, COLO., Dec. 20, 1956

Report on Complete Analysis submitted by Mr. Andrew Foskett, Spokane, Washington.

* *

ELEMENTS PRESENT	PERCENTAGES
Combined Water	0.28
Silica	80.14
Aluminum Oxide	7.36
Iron Oxide	4.58
Iron Sulphide	0.15
Calcium Oxide	1.70
Magnesium Oxide	1.48
Sodium and Potassium Oxides	3.05
Lithium Dioxide	0.10
Uranium Oxide	0.006
Manganese Oxide	0.12
Phosphorus Pentoxide	0.07
Titanium Dioxide	0.35
Barium Sulphate	0.08
Rare Earths Oxides	0.23
Thorium Dioxide	0.02
Zirconium Dioxide	0.15
	99.866

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Gold trace, Silver trace
Beryllium, Chromium, Copper, Hafnium, Lead, trades
Nickel, Vanadium, Fluorine traces
Platinum and Platinum Group Metals none

Remarks; This sample consists chiefly of hard clear to translucent Quartz (silica), and white Feldspar (sodium potassium calcium aluminum silicate), light and dark flaky Mica (potassium sodium aluminum silicate, plus magnesium and iron oxides in the dark mica). The dark gray-green mineral is an Amphibole (complex calcium magnesium iron aluminum silicate). The bit of bright yellow thin surface deposit on some of the pieces is Autunite (calcium uranium phosphate). The small amount of heavy concentrate consists of water clear grains of Zircon (zirconium silicate), yellow to orange grains of Monazite (rare earths phosphate with thorium silicate) and a few crystals of metallic yellow Iron Pyrite (iron and sulphur). The Monazite consists mostly of the Cerium Group Rare Earths (cerium, lanthanum, neodymium, praseodymium) and partly of the Yttrium Group (yttrium, erbium, ytterbium).
The small uranium, rare earths and zirconium contents are all of interest, but are likely to be too low grade to be profitably recovered.

This was a Cross section Sample taken over to wide an Area & Consequently the values are Lower than the better Zones

Respectfully submitted,
THE COLORADO ASSAYING CO.

Ed Phillips

Diamond Core Drilling
Mining
Quarries
Shaft Sinking
Tunnel Driving

Boyles Bros. DRILLING COMPANY

CONTRACTORS - ENGINEERS - GEOLOGISTS

GENERAL OFFICES
1321 SOUTH MAIN STREET PHONE HU 4-4401
SALT LAKE CITY 15, UTAH
East 11403 12th, Avenue
Spokane 63, Washington

FIELD OFFICE CORRESPONDENCE

REPLY TO: Spokane

Mr. Andrew Foskett April 4, 1958
East 703 Gordon
Spokane 63, Washington

Dear Mr. Foskett:

Following are tentative prices for drilling your property in the Sherman Creek area. We are unable to give you a firm commitment until we have examined the area to be drilled.

1. Mobilization $300.00
2. Standpiping through overburden $14.00 per ft.
3. Drilling Rates: EX
   0 to 200ft. $7.00 per ft.
4. Reaming AX for EX Casing $3.60 per ft.
5. Drilling Cement $3.00 per ft. plus the cost of Cement or cement substitute.
6. Setting up and moving will be charged for at $10.60 per hour, per each two man crew.
7. Water haul will be $260.00 per month.
8. Casing lost or damaged in hole will be charged for at list price f.o.b. the job.
9. Access roads and drill stations will be furnished at no cost to Boyles Bros.
10. Delays ordered by your company and beyond our control will be charged for at $10.60 per hour.

ORIGINAL FILE COPY
DMEA
RECEIVED APR 24 1958
DATE INITIALS

Yours truly,
O.C. Bouquot
O.C.Bouquot
District Manager

cc: S.L.C.

7

R. S. McClintock DIAMOND DRILL COMPANY

CONTRACTING ◆ DIAMOND DRILLS AND SUPPLIES ◆ DIAMOND BITS

RECEIVED APR 24 1958

DATE	INVE	CODE

TE. 8-3588
PHONE [redacted]
W. 418 2ND AVE.
SPOKANE, WASH.

April 4, 1958

Mr. Andy Foskett
East 703 Gordon
Spokane 22, Washington

Dear Mr. Foskett:

We wish to furnish you with our tentative quotation for your company's contemplated diamond drill program in the Mt. Spokane Area. In view of the fact that you require this quotation prior to the time that the property can be physically inspected the prices are subject to adjustment if conditions vary in any great degree from those anticipated.

We understand that you plan to drill five (5) holes to a depth of about 200 feet. There is at present a road within one forth mile of the site. We would be expected to build access road and drill stations, and furnish water from the nearby creek,

We propose to furnish personnel, drill, pumps, water pipe, rods, casing, core barrels, diamond bits and shells, and all necessary accessories except core boxes and sample bags for the following prices:

1/4 Mi	Dozing roads and drill stations	$750.00 Lump Sum
	Mobilization and Demoblization	400.00 Lump Sum
	Penetrating and Casing Overburden	7.00 Per Foot
	Drilling - AX Size	5.50 Per Foot
	Drilling - EX Size	5.00 Per Foot

In the event that loose or caving material, water courses or any conditions are encountered, which in the opinion of the contractor tend to make drilling impractical without the use of casing or cement a charge of $3.25 per foot will be made for reaming or cementing the hole.

In case of delays for the convenience of the mining company, or for reasons not attributable to the contractor or breakdown of his equipment, we shall expect to be reimbursed for our continuing costs at the rate of $8.00 per hour.

8

Our employees will be covered by Workmens Compensation to comply with the Washington State Act and the job will be covered by Public Liability Insurance in the amount of $100,000.00 and $300,000.00 and property damage in the amount of $100,000.00.

We wish to thank you for the opportunity of furnishing our quotation.

Very truly yours,

R. S. McCLINTOCK COMPANY

T. M. Welsch
Drilling Supt.

TMW:erb

MOREHEAD & LEAF

DIAMOND DRILL CONTRACTORS
N. 5345 Fairmount Place
Spokane 15, Washington

April 14, 1958.

Mr. Andrew Foskett
E. 703 Gordon Ave.
Spokane 22, Washington

Dear Mr. Foskett:

In reference to our telephone conversation you will find below our tentative bid for the diamond drilling that you contemplate doing near Sherman creek in Ferry County.

It is understood that you plan to drill four or five holes to depths from 200 to 300 feet with a minimum footage of 1000 lineal feet. Access roads shall be furnished to each drill site by the Mining Company.

Size	Depth	Price per foot
BX	0 to 100 feet	$ 8.50
AX	0 to 300 feet	$ 7.75
EX	0 to 300 feet	$ 7.00
Driving Standpipe	vertical holes	$ 8.50
" "	angle holes	$11.00
Casing	0 to 100 feet	$ 4.00
Casing	100 to ----	$ 4.35
Cementing		$ 3.75

Time lost for delays not the fault of the Contractor shall be paid for at the rate of $7.75 per hour. The contractor shall be reimbursed at the rate of $0.50 per foot for setting casing in the event of reduction of the hole size.

RECEIVED APR 24 1958
DATE

A. V. Morehead

A. V. Morehead

5

April 21, 1958

U.S. Geological Survey
Attn: Mr. MacLaren,
Dear Sir:

Here are the file numbers not included on the map.

Mary Jane		#1	Book	12 -	page	298
"	"	#4	"	13 -	"	501
"	"	#15	"	13 -	"	502
"	"	#17	"	13 -	"	503
"	"	#18	"	13 -	"	504
"	"	#19	"	14 -	"	126
"	"	#20	"	14 -	"	125

Sincerely
A. Foskett

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DMEA
RECEIVED APR 24 1958
DATE | INITIALS | CODE

RECEIVED
APR 21 1958
U. S. G. S.
SPOKANE, WASH.

Docket Copy

June 9, 1958

Summary of Proposed Project

Object: Denial of application for exploration aid.

Docket No.: DMEA-4988

Commodity: Uranium, rare earths, thorium

Applicant: Andrew Foskett, Stanley Neace, Sr., and Stanley Neace, Jr.
E. 703 Gordon Avenue
Spokane, Washington

Property: Owner Mary Jane claims Nos. 1 through 20, situate in secs. 29, 30, 31, and 32, T. 36 N., R. 36 E., W.M., Ferry County, Washington.

Application dated April 16, 1958
Field Team advised April 21, 1958, that a field examination would be attempted on April 24, or 25. Letter acknowledged May 2.
Field Team Report: received June 2, 1958

Work Proposed and Costs:

To explore the property by 2,000 feet of bulldozer trenching, 1,000 feet of AX diamond drilling, 60 feet of trench excavation that would require drilling and blasting, and, also, to test deposits of river sands and gravels with five hand-dug pits. Construction of two miles of access road and a frame structure were requested. The total cost of the project is estimated at $17,301.00.

Excerpts from examination report by D. C. Albord, USGS, and G. G. Waddell, USBM.

The property was examined on April 24, 1958, in company with Messrs. Foskett, Neace, Sr., and C. Robinson.

The most favorable trench exposures and discovery cuts known to the Applicant were examined. Four bedrock samples and a placer sample were taken.

Monazite in small amounts and rarely autunite occur in pegmatite dikes in metamorphic and igneous rocks. The dikes are small, ranging from a few inches to 2 or 3 feet in width and up to a few tens of feet in length. Assays of the 4 bedrock samples ranged in grade from 0.004 to 0.016% U_3O_8, nil to 0.06% ThO_2, and no rare earths.

A 150-pound sample was taken of the placer sands. However, it was found that the creek along which the placer deposits occur is part of a drainage under special control by the State Fish and Game Department for conservation purposes, and that placer operations along this stream would not be permitted. Therefore, the sample was not assayed.

The Field examiners recommended that the application be denied and the Field Team concurred.

Commodity Members' Comments:

In memoranda, dated June 4 and 9, 1958, W. P. Williams, USGS, and James Paone, USBM, concur in the field examiners' recommendation that the application should be denied.

Division of Rare and Miscellaneous Metals, F. M. Murphy, June 6, 1958

The mineralized structures on the claims consist of scattered small pegmatite dikes that contain the minor amounts of monazite and uranium minerals commonly found in many pegmatite dikes. There is no evidence that might indicate higher grade concentrations of these minerals on the claims; therefore, there is no justification for the work proposed.

Conclusions and Recommendations:

This Division agrees with the findings of the field examiners and concurs in their recommendation that application DMEA-4988 should be denied.

Ernest Wm. Ellis

Ernest Wm. Ellis

DMEA Form 7
(12-56)

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Date	Surname	Code
6/10/58	Murphy	700
"	Elkin	700
6/11	Jellridge	130
"	[illegible]	110
"	Mittendorf	100
		220
		225
6/11	Lamb	130
6/11	Kilsgaard	130

JUN 11 1958

Messrs. Stanley Neace, Sr.,
and Andrew Foskett
East 703 Gordon Avenue
Spokane 22, Washington

Re: Docket No. DMEA-4988
(Uranium, rare earths, thorium)
Mary Jane Claims
Ferry County, Washington

Gentlemen:

Your application for aid in an exploration project and other information available to us in Washington concerning your 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 indicates that the probability of disclosing significant 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/gla 6-10-58
cc to: Admr.'s Reading File
Operating Committee
THKiilsgaard, 5224
Mr. Murphy
DMEA Field Team, Region I (2)

8623

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DMEA
RECEIVED JUN 9 1958

DATE	INITIALS	CODE
6/9	H.g.	225
		700

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

Date June 9, 1958

DMEA Docket No. 4988
DMEA Contract No.
Commodity Uranium, rare-earths, thorium
Name of Applicant Stanley Neace, Sr. & Jr., and Andrew Foskett
Name of Property Mary Jane claims
Location of property Ferry County, Washington
Estimated cost of project $17,301

Memorandum

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
(Application, Field Team Report, etc.)

1. Date of subject document: 5/29/58 2. Date received by reviewer 6/2/58

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

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

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

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

7. Explain items noted "yes" above:

8. Factors meriting special consideration:

a. Location [ ]
b. Ownership [ ]
c. Evidence of mineralization [ ]
d. Geology [ ]
e. Proposed exploration adequate [ ]
f. Alternate exploration adequate [ ]
g. Costs
h. [ ]

9. Action desired:

a. Obtain information from applicant [ ]
b. Refer to Field Team [ ]
c. Reject: [x]
d. Agree with Field Team [x]
e. Discuss with Field Team [ ]
f. Request alternate plan [ ]
g. Request further consideration [ ]
h. Approval [ ]
i. Consult with Mr. [ ]

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

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DMEA
RECEIVED JUN 5 1958
INITIAL CODE
C 220
Murphy 700

IN REPLY REFER TO:

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

June 4, 1958

Memorandum

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

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

Subject: Review of field examination report, DMEA 4988 (Uranium, Rare Earths, Thorium) Stanley Neace and Andrew Foskett, Mary Jane Claims, Ferry County, Washington

The examining team report that geologic conditions on the applicants' property are not good for the presence of uranium, rare earths, and thorium ore deposits.

Monazite and, rarely, autunite are found on the property in pegmatite dikes. The dikes, however, are too small to be of economic significance. Four samples, taken from the property by the examining team, assayed only 0.004 to 0.016 percent U_3O_8, zero to 0.06 percent thorium, and rare earths were undetected.

I agree with the recommendations of the examining team for denial of the application because the proposed work appears to have a poor chance for success.

W. P. Williams

W. P. Williams

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

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RECEIVED 1958

6/2	C	220
6/4	2/3	130
6/5	C	220
"	Murphy	700

May 29, 1958

Mr. George C. Selfridge, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-4988
(Uranium, rare earths, thorium)
Stanley Neace, Sr., Stanley Neace, Jr., and Andrew Foskett
Mary Jane Claims
Ferry County, Washington

Dear Mr. Selfridge:

Enclosed are three copies of an application examination report by D. C. Alvord, Geologist, Geological Survey, and G. G. Waddell, Mining Engineer, Bureau of Mines, on this property.

Monazite in small amounts and rarely autunite occur in pegmatite dikes in metamorphic and igneous rocks. The dikes are small, ranging from a few inches to 2 or 3 feet in width and up to a few tens of feet in length. Assays of 4 samples of what the applicant considered to be the best showings ranged in grade from 0.004 to 0.016 percent U_3O_8; nil to 0.06 percent thorium, and no rare earths.

Alvord and Waddell conclude that the chance of discovering significant deposits of uranium, thorium, or rare earths is poor and they recommend that the application be denied.

We have discussed the merits of this property with Mr. C. Van Alstine of the Spokane office of the Atomic Energy Commission who agrees with the findings of the examiners.

The Field Team concurs with the recommendation that this application be denied.

By Field Team, Region I

A. E. Weissenborn
A. E. Weissenborn, Exec. Officer
U. S. Geological Survey

Thomas E. Howard
for Wing G. Agnew, Member
U. S. Bureau of Mines

Reviewed by
DMEA OPERATING COMMITTEE
6-4-58
(Date)

Enclosures
cc: USBM(2); USGS(SRO); Alvord
AEC, Salt Lake

ON-SITE REPORT OF EXAM.

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DMEA
RECEIVED JUN 2 1958

DATE	INITIALS	CODE
6/4	HB	130
		220

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

May 28, 1958

MEMORANDUM

To: DMEA Field Team, Region I

From: D. C. Alvord, Geologist, U. S. Geological Survey, and G. C. Waddell, Mining Engineer, U. S. Bureau of Mines

Subject: Application Examination Report, Docket No. DMEA-4988 (U-Th-RE), Stanley Neace, Sr., Stanley Neace, Jr., and Andrew Foskett, Mary Jane Claims, Ferry County, Washington.

INTRODUCTION

An application for Government aid to explore for uranium, thorium, and rare earths was received on April 18, 1958, from Stanley Neace, Sr., Stanley Neace, Jr., and Andrew Foskett, a partnership. Their mailing address is care of Andrew Foskett, E. 702 Gordon Avenue, Spokane 22, Washington. The partnership proposes to explore the property by exposing bedrock with 2,000 feet of scalping (dozer trenching), 1,000 feet of AX diamond drilling, and 60 feet of trench excavation which would require drilling and blasting. It is also proposed to test deposits of river sands and gravels with five hand-dug pits. Two miles of access road, a frame structure, salary of a geologist for 2 months, repair and maintenance of equipment, haulage, etc., are included in the proposal. The applicant's estimated total cost of the work is $17,301, of which the Government's share would be 50 percent, or $8,650.50.

The authors examined the property on April 24, 1958, in company with Mr. Foskett. Messrs. Neace, Sr., and C. Robinson were on the property during the examination but did not accompany the examiners during the actual field work. The most favorable trench exposures and discovery cuts known to the applicant were examined. Four bedrock samples and a placer sample were taken. Snow and light rain handicapped the examiners but did not prevent a complete examination. About 8 hours were spent on the property.

Reviewed by
DMEA OPERATING COMMITTEE
6-4-58
(date)

SUMMARY AND CONCLUSIONS

The property is underlain by a complex of metamorphic and acidic intrusive rocks. Irregular-shaped masses and dikes of comparatively fine-grained pegmatites cut both the metamorphic and intrusive rocks. Some of the pegmatite dikes contain megascopically discernible crystals of monazite and rarely a few crystals of autunite. The applicant believes that these pegmatites are of economic significance and that placer gravels and sands derived from them and deposited on the lower reaches of the property might also offer economic potential. However, the pegmatites are small, ranging from a few inches up to 2 or 3 feet in width and up to a few tens of feet in length. Four samples cut from exposures of these pegmatites at places considered by the applicant to be promising contain between 0.004 and 0.016 percent U_3O_8, zero to 0.06 percent thorium, and no detectable rare earths. A 150-pound sample was taken of the placer sands. However, it was found that the creek along which the placer deposits occur is a part of a drainage under special control by the State Fish and Game Department for conservation purposes and that placer operations along this stream would not be permitted. Therefore, the sample was not assayed. The possible placer area is small and what is known about the property to date strongly suggests that it does not offer any potential for significant deposits of uranium, thorium, or rare earths.

RECOMMENDATION

It is recommended that the application be denied.

LOCATION AND ACCESSIBILITY

The Mary Jane mining claims are in secs. 29, 30, 31, and 32, T. 36 N., R. 36 E. Willamette meridian, Ferry County, Washington (pl. 1). It may be reached from Kettle Falls, Washington, by proceeding on U. S. Highway 395 west about 3 miles, across the Columbia River, thence on State Highway 3P (Inchelium-Republic road) south and west 10.8 miles to the South Fork of Sherman Creek. The upper reaches of the claims are reached from this locality by turning left and proceeding up the South Fork, southwesterly 2.6 miles to the Scalaway Lookout Road, thence right and northwesterly up the Scalaway road about 3 miles to the claims. The lower reaches of the claim group are traversed by State Highway 3P and are reached by traveling 1.5 miles westerly past the South Fork turnoff. State Highway 3P is an excellent black-topped road and lends year-round access to the property. The South Fork and Scalaway roads, however, are partially graveled, infrequently graded, and during the winter months are closed by snow.

DESCRIPTION OF THE PROPERTY

The Mary Jane claims are largely located on steep, north-facing slopes of the canyon of the easterly flowing Sherman Creek, but portions of three claims extend across the river bottom and onto the south-facing slopes. Altitudes range from less than 2,700 feet on the eastern edge of the claims in the Sherman Creek Canyon to about 4,200 feet near the southwest corner of the group. Locally, the terrain is precipitous, but most of the property can be traversed easily on foot. Glacial and fluvial sands and gravels cover much of the lower portions of the property and soils and slope-creep detritus cover the gentler slopes on the upper portions of the property. Bedrock is well-exposed along and on top of most of the ridges and in places has been polished and grooved by glacial action. Annual precipitation, most of which falls during the winter months, ranges between 16 and 24 inches. The summers are hot and dry. The floral cover is characterized by fir and tamarack, much of which now stands as dead timber due to a fire in the early 1900's. Both deciduous and coniferous underbrush now covers much of the property in dense, nearly impenetrable stands.

HISTORY AND PRODUCTION

The Mary Jane claims were located by Mr. Foskett in the early 1950's. There has been no mineral production from the property.

DEVELOPMENT

The Mary Jane claims have undergone very little development. Crude truck trails have been cleared to portions of claims No. 12, 13, 15, 16, 18, and 19. Discovery cuts are present on most or all of the claims and about five small pits and cuts have been made on the No. 12 claim. In addition, four core holes have been drilled, two on the No. 12 claim, one on the No. 14, and one on the No. 15. There is a small shed on No. 14; otherwise, the property is unimproved and may be considered still in the prospect stage of development.

GEOLOGY

There is nothing published concerning the geology of the applicant's claims, nor of the general vicinity. The property is underlain by metamorphic rocks of probable Precambrian age and intrusive rocks of probable late Cretaceous age. The lower reaches of the property are covered by Pleistocene and recent detritus deposited by waning glaciers and by the present streams.

The metamorphic rocks consist predominantly of a complex sequence of quartzite and quartz-biotite schist with minor zones of actinolite schist and amphibolite. These rocks have been intruded by granitic rocks both concordantly along the schistosity and discordantly along joints and shear zones. The intrusive rocks, consisting largely of quartz, white feldspars, and spots of pink feldspar, probably range between granodiorite and quartz diorite. Biotite is usually present, but in places it grades out to yield a mica-free facies and in other places it grades diffusely into zones of muscovite-bearing rock, usually along zones of shearing and jointing, which would indicate replacement during the hydrothermal stage.

Contacts with the metamorphic rocks are, in some places, sharp and in other places gradational and diffuse. A typical gradational contact grades from a hypidiomorphic granular rock to a gneissic rock and eventually to a schist. Although in general it can be safely concluded that the rocks underlying the property include both metasedimentary and plutonic intrusive rocks, in detail it cannot always be determined whether certain facies or exposures are metasedimentary or meta-igneous. Some of the granitic facies may in reality be granulites, as also some of the schistose or gneissic facies may be meta-igneous rocks.

Pegmatite dikes and irregular-shaped masses cutting both the metamorphic and intrusive rocks are widespread. These are generally sharp-walled and small, ranging from an inch or so to 3 or 4 feet in width and from a few feet to several tens of feet in length. They are generally fine-grained, the mineral grains typically an inch or less in diameter, but in at least one case they range up to a foot or slightly more in diameter. The mineralogy of the pegmatites is simple. Plagioclase, orthoclase, and smoky quartz are predominant and usually, but not always, mica is present. Some of the pegmatites contain conspicuous amounts of white mica, but more often biotite is the mica mineral. The biotite-bearing pegmatites contain noticeable amounts of monazite and magnetite crystals, associated particularly with biotite and to some extent with the plagioclase and orthoclase. Hyaline opal is abundant along cleavage partings and the contacts of the quartz with the other minerals. Very fine flakes of meta-autunite occur in a few places along minor fractures and crystal partings. Careful megascopic examination strongly suggests that a mush of feldspar crystals formed first and subsequently biotite, magnetite, and monazite were formed by hydrothermal replacement. The quartz apparently formed last as much of the quartz occurs along the principal cleavage planes of the feldspars. The magnetite is confined to the books and crystal clusters of biotite, whereas the monazite is found both in the cleavage planes of the feldspars and within the clusters of biotite crystals. The monazite crystals sometimes abut against but do not occur within the quartz veinlets and

fillings. The monazite occurs in short to elongate hemipyramidal crystals and apparently has suffered no interference from the surrounding minerals during its growth. It usually occurs as isolated crystals ranging from about 0.01 to 0.05 of an inch in diameter, but the crystals also occur strung out in stringers along certain cleavage planes and as irregular clusters of crystals at the intersections of structures. Composition-wise, the pegmatites average 60-80 percent feldspars, 10-35 percent smoky quartz, 5-20 percent biotite, with a trace of white mica, monazite, and magnetite. By "eye-ball" estimate, nowhere did the monazite constitute more than about 0.1-0.2 percent of the rock.

The attitudes of joints, banding, and schistosity, as well as that of the pegmatites, were measured at several localities on the property. About all that this showed is that mineral banding, rock banding, and schistosity are roughly parallel and that on the upper reaches of the property, at least, these features generally strike between N. 85° W. and N. 45° E. and dip southward at more or less moderate angles. The banding in the metamorphic rocks and the joints each appear to have strongly influenced the control of the ridges and spurs. In addition, it is quite apparent that the location of most of the pegmatites in the area was controlled by jointing. However, measurements of joints from locality to locality failed to discern any predominant sets.

SAMPLING

A total of five samples were taken during the examination -- four from trench exposures of biotite pegmatite and one of placer sands. The locations of the samples and the results are shown on plate 1 and are tabulated here below:

Sample No.	Location (stop)	Width (feet)	% U_3O_8	% ThO_2	% Rare earth oxides
GGW-4D	x^2	2.0	0.004	none	none
GGW-5D	x^2	2.3	0.016	none	none
GGW-6D	x^2	4.5	0.006	0.05	none
GGW-7D	x^3	2.5	0.016	0.06	none
GGW-8D	x^8	placer (>150 lbs.)	(not assayed)		

At Stop 1 the applicant showed us the collar of a diamond drill hole reportedly 55 feet deep. The hole was collared in a quartz-biotite gneiss close to a narrow band of actinolite schist.

According to Mr. Foskett, it penetrated "some very hot material." A small pit, about 50 feet to the north of the diamond drill hole, exposed quartz-biotite schist, which grades locally to a coarse-grained granitic rock and is cut in places by pegmatite dikes. No abnormal radioactivity could be found at this exposure.

The locality of Stop 2 has been prospected by five or six pits and trenches dug and blasted into bedrock. Exposures are chiefly quartzitic gneisses and biotite schists cut by biotite-bearing pegmatites. Isolated crystals and small cluster of monazite crystals can be seen at nearly all of the exposures of pegmatite at this locality. In addition, a few sparsely distributed tiny crystals of autunite can also be observed. Samples GGW-4D, -5D, and -6D were cut from three of the better looking exposures at this locality. None of these contained sufficient uranium, thorium, or rare earths to be of economic interest and it would be well to point out that these exposures appear to be the most promising of those seen on the entire property. Mr. Foskett reports a 25-foot and a 30-foot diamond drill hole in the vicinity of these trenches, but the material cored is not available for examination.

At Stop 3 Mr. Foskett showed the examiners the collar of a diamond drill hole reportedly 135 feet deep. This hole was collared in a biotite-bearing pegmatite, which contains fine crystals of monazite. According to Mr. Foskett, this hole penetrated pegmatite most of the way and showed good radioactivity. An examination of the surface indicates that the country rock is dominantly quartzite and that the pegmatite dike in which the hole was collared is a lenticular mass 2 or 3 feet thick, 5 or 6 feet wide, and about 25 feet long. Although nothing can be said about the radioactivity found in this hole, it is probable that most of the hole was drilled in quartzite. Sample GGW-7D, cut from the pegmatite, contained only 0.016 percent U_3O_8, 0.06 percent thorium, and no rare earths.

At Stop 4 a small 3-foot deep pit exposes a coarse-grained pegmatite containing books of biotite and crystals of feldspar up to a foot in diameter. No monazite or autunite was observed, however, and radioactivity did not exceed background (0.05 MR/hr).

Stops 5 and 6 were at shallow, badly sloughed pits and minor natural exposures which disclosed biotite schist cut in places by biotite pegmatites. No count above background was noted at either of these localities and no uranium or thorium minerals were seen.

At Stop 7 the applicant has dug a small pit into glacially deposited sands and gravels. Mr. Foskett reports that this work was done to further prospect a large boulder of "sulfide" that was found here. No part of this boulder was found during the

examination, but Mr. Foskett visited the office on April 28, 1958, bringing a piece of the "sulfide" boulder with him. Close examination showed this rock consisted of a fine-grained green pyroxene and quartz. One tiny flake of molybdenite was observed, otherwise sulfides appeared to be absent. No rocks similar to this specimen were seen on the property.

Stop 8 was made to test the fluviatile sands and gravels along Sherman Creek at a locality considered by Mr. Foskett favorable for the concentration of monazite and other radioactive minerals. A pit was dug through the soil and overburden to a depth of about 4 feet and from the bottom a sample of about 150 pounds of sands was taken. This sample was not assayed.

With the application are included results of three semiquantitative spectrographic analyses and one chemical analysis. The results of this analytical work are summarized below:

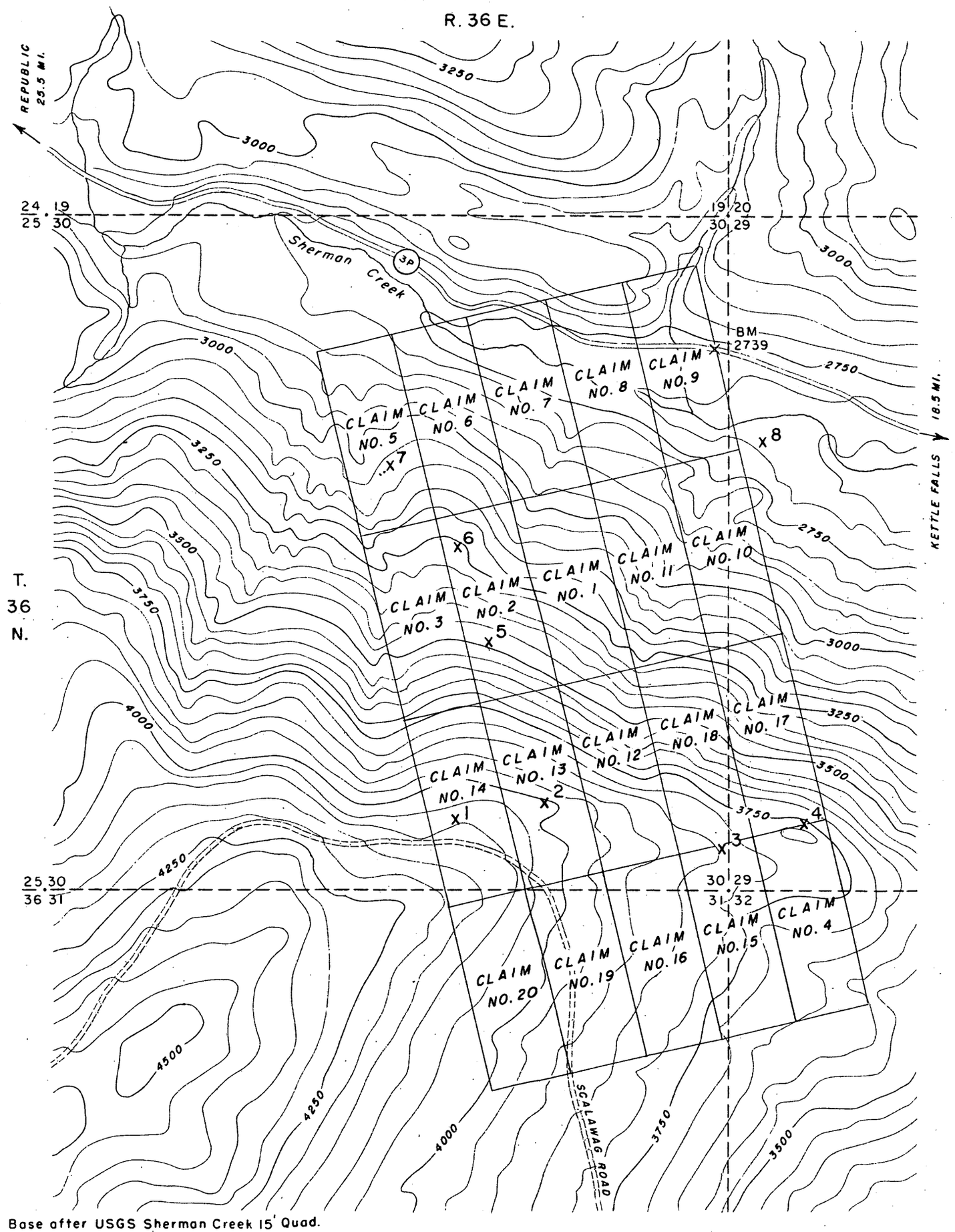
Return date	Analysis	Normal rock-forming elements (percent)	Total rare earths, plus thorium (percent)
3/ 9/55	Semiquan. spec.	98.5	1.1
7/13/55	Semiquan. spec.	>95.0	1.27 - 2.57
12/20/56	Quan. chem.	98.9	0.25
8/23/57	Semiquan. spec.	>95.0	0.5 - 1.0

The contrast between the results of the samples taken by the DMEA examiners and those taken by the applicant is probably best explained by assuming that the applicant's samples were highly selective.

APPLICANT'S PROPOSAL

Because no DMEA program can be recommended on this property discussion of the applicant's proposal is not warranted.

Enclosure
Distribution:
DMEA(3)
USBM(5)
USGS(SRO)
Docket
Alvord



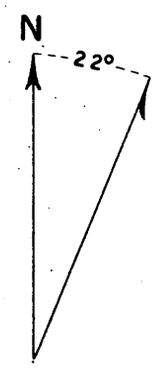
Base after USGS Sherman Creek 15' Quad.
Claims plotted from applicant's description

EXPLANATION

x2
Stop
Locality (usually cut or pit exposures) examined with particular care because of applicant's interest

Sample Data

Sample No.	Location (stop)	Width (feet)	U_3O_8 (%)	ThO_2 (%)	Rare Earth Oxides (%)
GGW-4D	x2	2.0'	0.004	none	none
GGW-5D	x2	2.3'	0.016	none	none
GGW-6D	x2	4.5'	0.006	0.05	none
GGW-7D	x3	2.5'	0.016	0.06	none
GGW-8D	x8	Placer (not assayed) (>150 lbs.)			



MARY JANE CLAIMS

Foskett and Neace

T. 36 N., R. 36 E., W.M.

FERRY COUNTY, WASHINGTON

1000 0 1000 Feet

Contour interval 50 feet

May 1958

PLATE I

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
5-2	Murphy	700
5-2	Ellis	700
5/2	GLD	130
"	Johnson	110
"	Mattenson	100
5/5	C	220
		700

Mr. A. E. Weissenborn
Executive Officer
DMEA Field Team, Region I
South 157 Howard Street
Spokane 4, Washington

MAY 2 [illegible]

Re: Docket No. DMEA-4988
(Uranium, rare earths, thorium)
Stanley Neace, Sr., and
Andrew Foskett
Mary Jane Claims
Ferry County, Washington

Dear Mr. Weissenborn:

Reference is made to your letter of April 21, 1958, advising that a field examination of the captioned claims would be attempted on the 23rd or 24th of April.

We will, therefore, hold this application in abeyance until the report and recommendations of the Field Team are received.

Enclosed are copies of memoranda, dated April 29 and May 1, 1958, by T. H. Kiilsgaard, USGS, and James Paone, USBM, respectively, relating to the application. Also enclosed, for Field Team use, is one copy of the application.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (HB)

Enclosures

APPROVED:

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

W. P. Williams (HB)
Member, Geological Survey

FMMurphy/izm 5-1-58
cc: Mr. Murphy
Admr.'s Reading File
Operating Committee
THKiilsgaard, 5224

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
5-2	Murphy	700
5-2	Ellis	700
5/2	Selfridge	130
"	Johnson	110
	Mittendorf	100
5/2	Lamb	130
		220
		700

MAY 2 1958

Messrs. Stanley Neace, Sr.,
and Andrew Foskett
East 703 Gordon Avenue
Spokane 22, Washington

Re: Docket No. DMEA-4988
(Uranium, rare earths, thorium)
Mary Jane Claims
Ferry County, Washington

Gentlemen:

Your application for assistance in exploring the Mary Jane claims has been reviewed by the Division of Rare and Miscellaneous Metals.

The DMEA Field Team, Region I, Mr. A. E. Weissenborn, Executive Officer, South 157 Howard Street, Spokane 4, Washington, will make a field examination of your property if it has not already done so.

Any assistance you may give the members of the Field Team during the examination will be appreciated.

Sincerely yours,

C. O. Mittendorf

Administrator

FMMurphy/izm 5-1-58
cc: Mr. Murphy
DMEA FT Reg. I, (2)
Admr.'s Reading File

8623

Official File Copy
5-1-58

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

Date May 1, 1958

DMEA Docket No. 4988
DMEA Contract No.
Commodity Uranium-Thorium-Rare earths
Name of Applicant Stanley Neace and Andrew Foskett
Name of property Mary Jane Claims
Location of property Ferry County, Washington
Estimated cost of project $17,301.00

Memorandum

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee

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

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

1. Date of subject document: 4/21/58. 2. Date received by reviewer: 4/28/58

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. Proposed exploration method ☐
   f. Alternate exploration method ☐
   g. Costs
   h. _____ ☐

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

10. Remarks: (Use back of page if necessary) Inasmuch as an examination has been scheduled and probably completed, recommendation will be deferred pending receipt of Field Team report.

OFFICIAL FILE COPY
DMEA
APR 29 1958
INITIALS | CODE
C | 220
7MM | 700

IN REPLY REFER TO:

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

April 29, 1958

Memorandum

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

From: T. H. Kiilsgaard, U. S. Geological Survey

Subject: Review of application, DMEA 4988 (Uranium-Thorium-Rare earths) Mary Jane Claims, Ferry County, Washington

In a poorly prepared application it is proposed to explore by drilling and surface trenching what apparently is a placer property. Estimated cost of the project is $17,301.

No evaluation can be made of this property from the data on hand. It is noted, however, that a field examination was scheduled for this past week; therefore, it is recommended that no action be taken on this application until the Field Team Report is received.

T. H. Kiilsgaard

T. H. Kiilsgaard

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

April 24, 1958

Messrs. Stanley Noace, Sr. &
Andrew Foskett
East 703 Gordon Ave.,
Spokane 22, Washington

Subject: DMEA-4988

Gentlemen:

Your application for exploration assistance, dated April 16, 1958 submitted to our office at Spokane, Washington has been assigned Docket Number DMEA-4988 and referred to the Rare and 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, Director
Operations Control and
Statistics Division

Copy to: Region I.