DMEA Form 9
Rev. 6/57

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE — Idm-E NO._____ DMEA NO. 4976

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- [ ] Withdrawn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 Completed 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._____: 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

OFFICIAL FILE COPY
DMEA
RECEIVED APR 7 1958
DATE

April 3, 1958

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

Re: New Application (Uranium)
Walter S. Campbell
W. 820 Nora
Spokane, Washington
Lucky Win Mine
Idaho County, Idaho

Dear Mr. Selfridge:

Enclosed are three copies of an application for DMEA aid to explore for uranium in Idaho County, Idaho.

The applicant proposes to drift 300 feet on an uranium-bearing structure. Two samples were assayed radiometrically by the Atomic Energy Commission and were found to contain respectively 0.082 and 0.32 percent eU_3O_8. The applicant estimates that his proposed work will cost $11,200, of which the Government's share would be 50 percent or $5,600.

Because of the short time before the end of the fiscal year we will make an examination without waiting for a field referral.

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

Enclosures
cc: USBM(2)
Prinz

Form MF–103
Revised Feb. 1957

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

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)

Walter S. Campbell
W. 820 Nora
Spokane, Washington

RECEIVED
APR 1 1958
U. S. G. S.
SPOKANE, WASH

APPLICANT NOT TO USE THIS BLOCK

Docket Number	DMEA-4976
Date Received	4-7-58
Government Participation %	
Region	I
Division Code	700

BUSINESS ORGANIZATION (Check one)

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

State in which firm is organized: Idaho

LIST CORPORATE OFFICERS OR PARTNERS HERE, IF APPLICABLE

Name	Address	Title
Winfred Campbell	W. 820 Nora Spokane, Wn.	

Mineral(s) for which you wish to explore: Uranium

Estimated Cost of Project: $ 11,200.00

LOCATION OF PROPERTY

Name	County	State
Lucky Win	Idaho	Idaho

GENERAL INSTRUCTIONS

Before filling out this application, please read DMEA Order–I, Amended, "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.

3/31/58
Dated

Walter S. Campbell
BY (Signature)

Owner
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, Amended.

(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. 15539

WALTER S. CAMPBELL
West 820 Nora
Spokane, Washington

1. APPLICANT'S PROPERTY RIGHTS:

(a) Sec. 19, E 30, T. 29 N, Range 5 East Boise Meridian

Claim No. 1, Book 76, page 590.

Claim No. 2, Book 75, page 652.

Claim No. 3, Book 75, page 651.

Claim No. 4, Book 76, page 141.

Claim No. 5, Book 76, page 140.

Claim No. 6, Book 76, page 317.

Claim No. 7, Book 76, page 316.

Recorded at the Recorder's office, City of Grangeville, Idaho County, State of Idaho.

(b) Campbell Mining Claims.

The Lucky Win Group.

(c) Owner by location and staking.

(d) Not applicable.

2. PHYSICAL DESCRIPTION:

(a) There has been a 20 foot tunnel driven for exploration purposes. No map available.

(b) I did the exploration work myself.

(c) No production.

(d) No reserves. Copies of assay certificates enclosed.

(e) It is a vein on a contact with a granite formation. The mineral is Uranium (autunite).

(f) After going over the property I found a ledge with a high reading on my scintillator counter. I took a sample from the outcropping and sent it to the Atomic Energy Commission at Butte and it assayed .08%. After driving a tunnel approximately 20 feet and cutting into the ledge, I took a sample from the middle of the face and sent to the Atomic Energy Commission at Butte. This assayed .32% and they pronounced it Autunite. This vein runs straight

1958

into the mountain and I can pick the outcropping up in several places much higher. Therefore, I believe I should follow this ledge.

(g) None available.

3. ACCESSIBILITY OF PROJECT:

(a) Walter S. Campbell, W. 820 Nora, Spokane, Wash.

This property may be reached by taking the Elk City Highway from Grangeville, Idaho. This is Highway 13 east from Grangeville. At the junction at the bottom of the hill you turn right onto Highway 14 and follow the Clearwater River until you come to John's Creek which is well marked. This is approximately 20 miles East of Grangeville. The mine adjoins the Elk City Highway at John's Creek.

(b) Shipping and supply points would be 25 miles to Stites and 20 miles to Grangeville. A cabin has been built and employees will reside right on the property.

4. THE EXPLORATION PROJECT:

(a) I propose to drive a tunnel 5 x 7 for a distance of 300 feet.

(b) None to be built.

(c) In the event that an exploration contract with DMEA is executed, work would start immediately. It would be completed in from 3 to 4 months. I figure an average advance of 72 feet a month.

5. EXPERIENCE:

(a) I am going to work and supervise the job myself. I have been mining and prospecting in this part of the country for the past few years. I will have a man, an experienced miner who has been working in the Coeur d'Alene Mining District for the past 8 years.

WALTER S. CAMPBELL
West 820 Nora
Spokane, Washington

6. ESTIMATE OF COSTS

(a)	Bulldozing portal site - 8 hrs. D 8 @ $15.00 per hr.	$ 120.00
(b)	300 ft. tunnel @ $35.00 per ft.	10,500.00
	100 ft. timbering tunnel @ $5.00 per ft.	500.00
	20 assays for Uranium @ $4.00 each	80.00
		$11,200.00

I own all the equipment that will be needed to drive the tunnel.

I will have the dozing done by a contractor.

7. (a) Yes

(b) By money and equipment.

Walter S. Campbell

Walter S. Campbell

Walter S. Campbell
[illegible] F20 Nora - Spokane, [illegible]ashington

United States Atomic Energy Commission
Division of Raw Materials
Salt Lake Exploration Branch

May 9, 1956

Address Reply To:
U. S. Atomic Energy Commission
Butte Sub-Office
P. O. Box 1984
Butte, Montana

and Refer To: SLEB:WSM:mf

REPORT OF RADIOACTIVE ANALYSIS

Sample submitted by: Mr. Walter S. Campbell
Box 180
Lapwai, Idaho

Date: 5/8/56

Name of property: Campbell mine, Idaho County, Idaho

	Radiometric Assay Percent eU_3O_8
Sample number and description: AEC A-0797	0.32%

Radioactive minerals identified: Autunite

Remarks:

This radiometric assay is based on the total radioactivity in the sample, which can be due to elements other than uranium. For the true uranium content, we suggest you submit the sample to a private firm for a chemical assay.

Very truly yours,

s/s LEONARD D. JARRARD

Leonard D. Jarrard
Chief, Butte Sub-Office

Walter A. Campbell
W. 820 Nora
Spokane, Washington

United States Atomic Energy Commission
Division of Raw Materials
Salt Lake Exploration Branch

Address Reply To:
U. S. Atomic Energy Commission
Spokane Project Office
P. O. Box 1805
Spokane, Washington

March 26, 1956

And Refer To: SLEB:DLH:mn

REPORT ON RADIOACTIVE ANALYSIS

Sample submitted by: Walter Campbell
Box 186
Lapway, Idaho

Date: March 19, 1956

Name of property: near Johns Cr., S. fork of Clearwater River, Idaho

		Percent Uranium Oxide (radiometric)	(chemical)
Sample number:	Lab. #238	0.082	

Uranium minerals identified:

Remarks:

Very truly yours,

s/s DONALD L. HETLAND

Donald L. Hetland
Project Geologist

May 27, 1958

Docket copy

Ching
Ellis

Summary of Proposed Project

Object: Denial of application for an exploration project.

Docket No.: DMEA-4976

Commodity: Uranium

Applicant: Walter S. Campbell
West 820 Nora
Spokane, Washington

Property: Seven lode mining claims, Lucky Win Nos. 1-7, situated in secs. 19 and 30, T. 29 N., R. 5 E., B. M. & B. (unsurveyed), Idaho County, Idaho. Applicant is the owner.

Date of application: March 31, 1958

Amount of application: $11,200.00

Processing Data: Field examination, without referral - April 8, 1958
Field Team report received May 12, 1958

Work Proposed: Drive a 5'x7' tunnel for a distance of 300 feet to explore a uranium-bearing ledge.

Estimated Costs:

300 feet tunneling @ $35/ft.	$10,500.00
100 lineal feet timbering @ $5/ft.	500.00
8 hrs. bulldozing portal site @ $15/hr.	120.00
20 assays @4.00 each	80.00
Total	$11,200.00
Government participation @ 50%	$5,600.00

Field Team Report: May 6, 1958, D. C. Alvord, USGS
G. G. Waddell, USBM

The property is underlain by schists and quartzites which are locally intruded by granitic and pegmatitic rocks.

Prospect work done by the Applicant consists of two short adits and some surface trenching and pitting. A few handfuls of tremolite schist containing

secondary uranium minerals were found by the Applicant. Two samples submitted to the AEC by the Applicant assayed 0.32 and 0.08 percent eU_3O_8. The tremolite schist apparently constitutes the ledge which the Applicant wishes to explore.

All openings and outcrops considered significant by the Applicant were examined. No significant radioactivity was found. Three samples were taken from places considered the most promising by the Applicant. They assayed 0.03, 0.02, and 0.02 percent eU_3O_8. On the basis of the examination it is extremely unlikely that conditions would be encountered that would localize a deposit of economic significance. It is recommended that the application be denied.

Commodity Group Comments:

U. S. Bureau of Mines, James Paone, May 15, 1958:

Agrees with the Field Team and advises denial of the application.

U. S. Geological Survey, W. P. Williams, May 27, 1958:

Concurs with the Field Team recommendation for denial of the application.

Division of Rare and Miscellaneous Metals,
Michael Ching, May 27, 1958:

Results of the field examination offer no basis for an exploration project. It was difficult to find ore-grade material in selected samples.

Conclusions and Recommendations:

The subject property has very little promise. It is recommended that the application be denied.

Ernest Wm. Ellis

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

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
5/27/58	Ching	700
"	[illegible]	700
6/2	Selfridge	130
6/3	[illegible]	110
"	Mittendorf	200
6/3	[illegible]	220
6/4	[illegible]	225
6/2	Lamb	130
6/2	Kilsgaard	130

JUN 3 1958

Mr. Walter S. Campbell
West 820 Nora
Spokane, Washington

Re: Docket No. DMEA-4976 (Uranium)
Lucky Win Group
Idaho County, Idaho

Dear Mr. Campbell:

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, although noting a small amount of uranium mineralization on your property, 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

MChing/gla
5-27-58
cc to: Admr.'s Reading File
Operating Committee
THKiilsgaard, 5224
Mr. Ching
DMEA Field Team, Region I (2)

8623

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

OFFICIAL FILE COPY IN REPLY REFER TO:
DMEA
RECEIVED MAY 28 1958
DATE | INITIALS | CODE
5/28 | C | 220
1. | MC | 700

May 27, 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 4976 (Uranium)
Walter S. Campbell, Lucky Win Mine, Idaho County, Idaho

Past work on the property by the applicant consists of two short adits and some surface trenching and pitting. That work yielded a few handfuls of tremolite schist containing secondary uranium minerals. The examining team failed to discover any significant radioactivity on the property. Chemical assays from three samples taken from places considered by the applicant to be most promising afforded no assays above 0.03% U_3O_8.

Past work of the applicant has afforded only mineralogical specimens containing secondary uranium minerals, probably autunite. The examining team conclude that further work on the property would probably discover other minor showings of secondary and perhaps even primary uranium minerals. It is extremely unlikely, however, that conditions would be found that localized a deposit of economic significance.

I agree with the recommendation of the Field Team for denial of the application on the principal grounds that a significant ore discovery would not result from the proposed work.

R. E. Nelson
for W. P. Williams

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DMEA
RECEIVED MAY 19 1958

DATE	INITIALS	CODE
5/19	C	220
	MC	700

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

Date May 15, 1958

DMEA Docket No. 4976
DMEA Contract No.
Commodity Uranium
Name of Applicant Walter S. Campbell
Name of property Lucky Win Mine
Location of property Idaho County, Idaho
Estimated cost of project $11,200.00

Memorandum

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee

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

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

1. Date of subject document: 5/8/58. 2. Date received by reviewer: 5/15/58

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)

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

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DMEA
RECEIVED MAY 12 1958

DATE		CODE
5/12	C	220
5/16	JR	130
5/19	C	220
"	Chang	700

May 8, 1958

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

Re: Docket No. DMEA-497 (Uranium)
Walter S. Campbell
Lucky Win Mine
Idaho County, Idaho

Dear Mr. Selfridge:

Enclosed are three copies of a memorandum examination report on the referenced property by D. C. Alvord, Geologist, U. S. Geological Survey, and G. G. Waddell, Mining Engineer, U. S. Bureau of Mines.

Rocks in the area are Precambrian metasediments that have been intruded by granite of the Idaho batholith. On the property are interstratified bands of quartz-biotite schist and quartzite that have been intruded locally by coarse-grained to pegmatitic granite. Scintillator readings, made at many places ranged up to 2 or 3 times background, but no uranium-bearing minerals could be detected. Three samples assayed radiometrically contained 0.030, 0.016, and 0.024 percent eU_3O_8, respectively.

Alvord and Waddell conclude that it is extremely unlikely a significant discovery would be made and therefore they recommend that the application be denied.

We concur with this recommendation.

By Field Team, Region I

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

Wing G. Agnew
Wing G. Agnew, Member
U. S. Bureau of Mines

Reviewed by
DMEA OPERATING COMMITTEE
5-16-58
(date)

Enclosures

cc: USBM (2)
USGS (SRO)
AEC (SLC)
Alvord

ON-SITE EXAM. REPORT

OFFICIAL FILE COPY
DMEA
RECEIVED MAY 12 1958

DATE	INITIALS	CODE
5/16	JLB	130
		220

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

May 6, 1958

Memorandum

To: DMEA Field Team, Region I

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

Subject: Examination Report, Docket No. DMEA-4976 (Uranium)
Walter S. Campbell, Lucky Win Mine, Idaho County, Idaho

INTRODUCTION

An application for Government aid to explore for uranium was received from Walter S. Campbell of W. 820 Nora Street, Spokane, Washington, on April 1, 1958. Mr. Campbell proposes to explore a uranium-bearing ledge by driving a 5-foot by 7-foot adit drift for a distance of 300 feet. The total estimated cost is $11,200.00, of which the Government's share would be 50 percent, or $5,600.00.

The authors examined the property on the afternoon of April 8, 1958, in company with Mr. W. S. Campbell. All of the openings known to the applicant and all of the exposures of bedrock considered by the applicant to be significant were examined. About 4 hours were spent on the property.

SUMMARY AND CONCLUSIONS

The locality examined is principally underlain by interstratified quartz-biotite schists, quartzites, and some tremolite schists. Locally, this complex of metamorphic rocks is intruded by coarse-grained leucocratic granitic and pegmatitic rocks. Prospect work done by the applicant, including two short adits and some surface trenching and pitting, has yielded a few handfuls of tremolite schist containing secondary uranium minerals. A specimen taken by the applicant gave a radiometric assay of 0.32 percent eU_3O_8. The examination, however, failed to discover any significant radioactivity. Three samples were taken from places considered by the applicant to be the more promising, but chemical assays indicated that none of these contained more than 0.030 percent U_3O_8. Natural exposure of the bedrock on the property is extensive and the ground is therefore easily prospected. The small amount of uranium found to date by the applicant,

Reviewed by
DMEA OPERATING COMMITTEE
5-16-58
(date)

coupled with the fact that no structural or lithologic features could be found by the examiners that would be likely to localize uranium, indicates that further exploration of the property is not warranted.

RECOMMENDATION

It is recommended that the application be denied.

LOCATION AND ACCESSIBILITY

The property is in secs. 19 and 30, T. 29 N., R. 5 E., B. M., unsurveyed, Idaho County, Idaho (fig. 1). It is accessible from Grangeville, Idaho, over well-graveled and maintained roads by traveling southeasterly over State Alternate 13, 9 miles to the junction of State 14, known as the Elk City road, and thence easterly a distance of 11.7 miles on the Elk City road to the applicant's principal portal located on the left side of the road on Claim No. 1. Although the roads to the property may at times be muddy or snowy, they are kept open the year-round.

PROPERTY RIGHTS

Walter and Winifred Campbell staked 7 mining claims called the Lucky Win Group during the fall of 1954 and spring of 1955. They are located on the South Fork of the Clearwater River in Ten Mile Mining District and recorded at the Idaho County Courthouse, Grangeville, Idaho.

Subsequently, other mining interests staked the South Fork of the Clearwater placer gravel which cuts through the Lucky Win group. No attempt was made to check the validity of the property rights; however, the applicant believes that no assessment work has been filed on the placer property. Except for building a cabin on Lucky Win No. 7, Mr. Campbell has performed all assessment work for the claim group on the Lucky Win No. 1 claim.

DESCRIPTION OF THE PROPERTY

The Lucky Win group of claims is located on the steep slopes of the westerly trending canyon of the South Fork of the Clearwater River. Six of the seven claims are on the north side of the river and one claim, No. 4, is on the south side approximately covering the entrant area of Johns Creek, a north-flowing tributary to the South Fork. The canyon walls slope from 35° to 45° towards the river. In detail, the slopes of the canyon walls are made up of gullies and ridges. The gullies are generally filled with a few feet of talus boulders, whereas the ridges consist largely of exposed

bedrock covered locally by a thin mantle of soil and slope creep detritus. Vegetal cover is characterized by medium to large ponderosa pine and a moderate to dense cover of deciduous undergrowth. Workings and facilities shown to the examiners consist of a cabin, located on Claim No. 7, and three short adits, together with a couple of discovery pits located on Claim No. 1.

HISTORY AND PAST PRODUCTION

Mr. Campbell discovered the property in the fall of 1954, at which time he dug one discovery pit on the No. 1 claim and a single shallow pit. During the 1955 season, Mr. Campbell, with the aid of a miner, drove two 30- to 35-foot adit drifts from road level into the slopes of the No. 1 claim. A few hand-sized specimens of rock containing secondary uranium minerals have been taken from the property but no ore has been produced.

EQUIPMENT AND LABOR

The only equipment at the mine was an IR 7x7 air cycle air compressor powered by a 6-cylinder gas engine. A 2-foot by 6-foot receiver tank is used and the air piped to the east adit.

Most of the mining equipment could be supplied from Spokane, Washington, approximately 250 miles to the north.

There is sufficient labor available at Stites, Idaho, for a small mining operation.

The nearest power lines are 15 miles down river.

GEOLOGY

There are no geologic reports covering the geology of the property or its general vicinity. According to the state geologic map, however, the rocks in the area belong to an entrant of Precambrian metasediments into granitic rocks of the Idaho batholith. This unit of Precambrian metasediments is irregular in width but averages about 5 miles wide and extends for a distance of about 30 miles in a southerly direction. Rocks of the Idaho batholith are found about 2 miles to the west of the claims and about 4 miles to the east.

Rocks in the area traversed by the examiners consist essentially of intrastratified bands of quartz-biotite schist and quartzites intruded locally by coarse-grained to pegmatitic leucocratic granites. The area examined consists essentially of a gully and two ridges, all of which trend about S. 20° E. The ridge to the

east appears to be made up dominantly of quartzites, whereas the rocks underlying the gully and the ridge to the west are made up dominantly of quartz-biotite schists. Figure 1 shows the axis of the gully and the applicant's roadside adit which was driven in the quartz-biotite unit close to its contact with the quartzite unit.

The quartz-biotite schist unit chiefly consists of medium- and coarse-grained quartz-biotite schist, which locally becomes very fine-grained; in places, it contains bands of quartzite and tremolite schist. Dikelike and irregular-shaped masses of leucocratic granitic rocks intrude this unit locally. The quartz-biotite schist ranges from dark-gray to grayish brown in color and is made up chiefly of quartz with 5 to 10 percent biotite and much smaller amounts of the feldspars, pyroboles, sericite, and garnet. Small clusters and disseminated grains of pyrrhotite and pyrite are present locally. In a few places the pyrobole has segregated to form basic stringers and clots. Some of these apparently consist largely of an amphibole but others consist largely of epidote with minor amounts of quartz and iron sulfides.

The tremolite schist, confined largely to the quartz-biotite schist unit, is essentially white in color contrasting strongly with the more common dark-gray to grayish-brown rocks of the unit. It occurs as distinctive bands, varying from inches to 2 or 3 feet in width and ranging in length from about 10 to 100 or more feet. The terminations, though lenticular, are generally abrupt. The tremolite schist is matted in texture, being made up of very fine-grained acicular crystals with marked parallelism, rosette and stellate groups being a rarity. Extremely fine-grained crystals of magnetite are sparsely but widely disseminated throughout the tremolite schist.

The quartzite unit, making up the east ridge, consists dominantly of medium-and coarse-grained quartzite containing a few wisps, stringers, and bands of biotite schist. Locally the quartzite becomes very fine-grained and even loses its granularity entirely, where it resembles bull quartz. Feldspars are essentially lacking but muscovite, while locally absent, is generally present in sparse to moderate amounts and in a few places the quartzite grades to a muscovite schist consisting almost entirely of muscovite. A very few crystals and aggregates of hornblende crystals were noted in the quartzite but otherwise mafics appear to be absent. Only a trace of very fine-grained magnetite was noted and no sulfides were observed. A few needlelike crystals of tourmaline were also noted.

Both the quartz-biotite schist unit and the quartzite unit include stringers, lenses and bands of granitic rocks. These range from coarse-grained to pegmatitic aggregations of quartz, orthoclase, plagioclase, biotite and muscovite. Biotite, and possibly hornblende,

are present but are very much on the sparse side, the rocks being essentially leucocratic. Magnetic blacks and a trace of pyrite are present but these appear to be very erratically distributed.

A rubble of talus and soil covers most of the lower portions or reaches of the gully but only thin patches of soil are present along the ridges. No terrace gravels are present in the locality examined.

The schistosity and the apparent bedding of the metamorphic rocks strike between N. 5° E. and N. 20° W., and dip between 75° and 85° E. Linear elements, such as the acicular crystals of tremolite in the tremolite schist, are also aligned more or less parallel to the schistosity. The rocks are tight and no faulting of consequence was noted. Differential movement or slippage along the planes of schistosity, particularly where the rocks are highly micaceous, was noted, but otherwise the rocks are essentially unfractured. In general, the leucocratic intrusives conform to the schistosity, but locally they follow cross fractures and become quite irregular in shape. Minerals within the quartz-biotite schist had, in a few rare localities, segretated into thin bands to produce a gneissic facies within the generally schistose rock.

RADIOACTIVITY AND SAMPLING

Mr. Campbell has submitted two samples to the Atomic Energy Commission field offices for radioactivity analysis and the results are included with the application. These samples were taken from a band of tremolite schist, one from near the face of the roadside adit and one from an exposure on the surface a few feet to the west of the adit. These samples assayed 0.32 percent and 0.082 percent eU_3O_8, respectively. It is Mr. Campbell's belief that all of the significant radioactivity likely to be found on his property is associated with the tremolite schists, which apparently constitute the ledge referred to in the application. During the examination, scintillator readings were taken at all of the localities Mr. Campbell considered as targets meriting exploration. In addition, scintillator readings were taken at numerous localities away from the tremolite schist and over both quartz-biotite schist and quartzite. All of the tremolite schist and the biotite facies of the quartz-biotite schist gave scintillator readings 2 to 3 times the background reading of the quartzite; however, no concentrations of high radiometric count was found. Careful examination with both white and ultraviolet light of the localities sampled by Mr. Campbell failed to detect any uranium minerals. Insofar as the examiners were concerned, nothing on the property warranted sampling. However, samples were taken from approximately the same places that Mr. Campbell obtained the specimens which he sent to the Atomic Energy Commission. The results of these are tabulated as follows:

Sample No.	Width (ft.)	eU_3O_8 (%)	Remarks
GGW-1D	1.5	0.030	From the face of roadside adit.
GGW-2D	2.5	0.016	From the back of the roadside adit, 4 feet south of the face.
GGW-3D	0.3	0.024	From surface exposure of tremolite schist, 6 feet west of portal.

From the above, it is obvious that the present exposures on the area examined do not contain ore-grade material. At the conclusion of the examination, Mr. Campbell showed us a box of samples that he obtained while prospecting the property, principally from the roadside adit and immediate vicinity. These were chiefly of tremolite schist and a few of the pieces did contain very fine crystals of at least one secondary uranium mineral, probably autunite. "Eye-ball" examination and scintillator reading indicated that some of these probably contained on the order of 0.10 percent U_3O_8. Undoubtedly these samples were obtained from the Lucky Win property and undoubtedly further work would discover other minor showings of secondary and perhaps even primary uranium minerals. On the basis of the examination, however, it is extremely unlikely that conditions would be encountered that localized a deposit of economic significance.

APPLICANT'S PROPOSAL

The applicant proposed to continue the east adit 300 feet to the north. As there is no reason to expect better mineralization at depth than has been found on the surface, a discussion of the exploration method and costs is not warranted.

Attachments

Distribution:
DMEA (3)
USBM (5)
USGS(SRO)
Docket
Alvord
AEC, Salt Lake

UNITED STATES
DEPARTMENT OF THE INTERIOR

PREPARED FOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
APPLICATION REPORT

DOCKET NO DMEA 4977

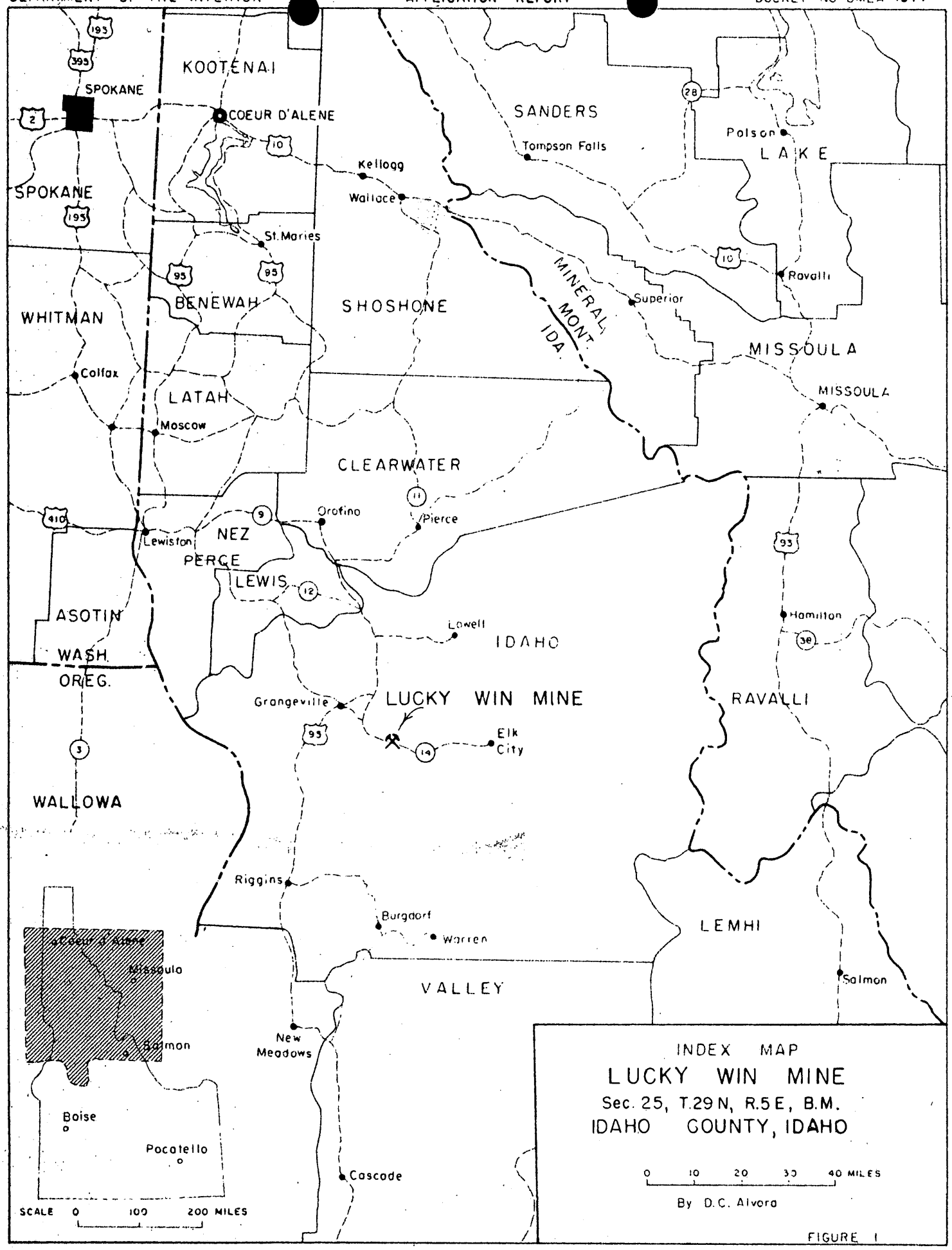


FIGURE 1

RECEIVED MAY 21 '58

DATE		CODE

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
4/28/58	Ching	700
"	Ellis	700
4/28	Selbridge	130
"	Johnson	110
"	Mittendorf	100
4/29	V.G.	220
~~4/29~~	~~V.G.~~	~~700~~
		700

APR 29 1958

Mr. Walter S. Campbell
West 820 Nora
Spokane, Washington

Re: Docket No. DMEA-4976 (Uranium)
Lucky Win Group
Idaho County, Idaho

Dear Mr. Campbell:

The application for assistance in exploring the subject property under the captioned docket number has been reviewed by the Rare and Miscellaneous Metals Division.

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 (for)

Administrator

MChing/izm/gla
4-28-58
cc to: Admr.'s Reading File
Mr. Ching
DMEA Field Team, Region I (2)

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
4/25	Ching	700
4/25	Ellis	700
		120
		100
		100
		200
		700

Mr. Walter S. Campbell
West 820 Nora
Spokane, Washington

Re: Docket No. DMEA-4976 (Uranium)
Lucky Win Group
Idaho County, Idaho

Dear Mr. Campbell:

The above-docketed application for exploration aid has been reviewed by the Division of Rare and Miscellaneous Metals of the Defense Minerals Exploration Administration. A copy of the application was retained by our office at Spokane, Washington, preparatory to a field examination.

Probably you have already heard from the Field Team with regard to examining your property. Any assistance you can give it will be appreciated.

Sincerely yours,

Administrator

MChing/izm 4-25-58
cc: Mr. Ching
Admr.'s Reading File
DMEA FT Reg. I (2)

8623

IN REPLY REFER TO:

OFFICIAL FILE COPY
DMEA
RECEIVED APR 11 1958

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

April 10, 1958
Re: DMEA 4976
Walter S. Campbell
Lucky Win Mine
Idaho County, Idaho
$11,200 - Uranium

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 an uranium-bearing vein by drifting a distance of 300 feet.

Two samples, probably selected, taken from the vein assayed (radiometrically) 0.082% and 0.32% eU_3O_8.

Referral of the application to the Field Team is recommended.

N. E. Nelson

N. E. Nelson

OFFICIAL FILE COPY
DMEA
RECEIVED APR 14 1958

DATE	INITIALS	CODE
4/15	H.S.	225
	Ellis	700
	Chief	

Memorandum

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

Date April 10, 1958

DMEA Docket No. 4976
DMEA Contract No.
Commodity Uranium
Name of Applicant Walter S. Campbell
Name of property Lucky Win Mine
Location of property Idaho County, Idaho
Estimated cost of project $11,200

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: 4/3/58. 2. Date received by reviewer: 4/8/58

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 meeting 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 a field examination has already been scheduled, recommendation will be deferred pending receipt of field team report on results of the examination.

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

April 8, 1958

Mr. Walter S. Campbell
W. 820 Nora
Spokane, Washington

Subject: DMEA-4976

Dear Mr. Campbell:

Your application for exploration assistance, dated March 31, 1958 submitted to our office at Spokane, Washington has been assigned Docket Number DMEA-4976 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

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
4/28/58	Ching	700
"	Ellis	700
4/28	GCS	130
"	Johnson	110
"	Gottenberg	100
4/29	H.G.	220
		700

APR 29 1958

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

Re: Docket No. DMEA-4976 (Uranium)
Walter S. Campbell
Lucky Win Group
Idaho County, Idaho

Dear Mr. Weissenborn:

Reference is made to the Field Team's letter of April 3, 1958, which states that a field examination of the subject property will be made before the end of the fiscal year.

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 10, 1958, by N. E. Nelson, USGS, and James Paone, USBM, and one extra copy of the application for the use of the Field Team.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (2/B)

Enclosures

APPROVED:

/s/ James Paone (2/B)
Member, Bureau of Mines

Thor H. Kiilsgaard (2/B)
Member, Geological Survey

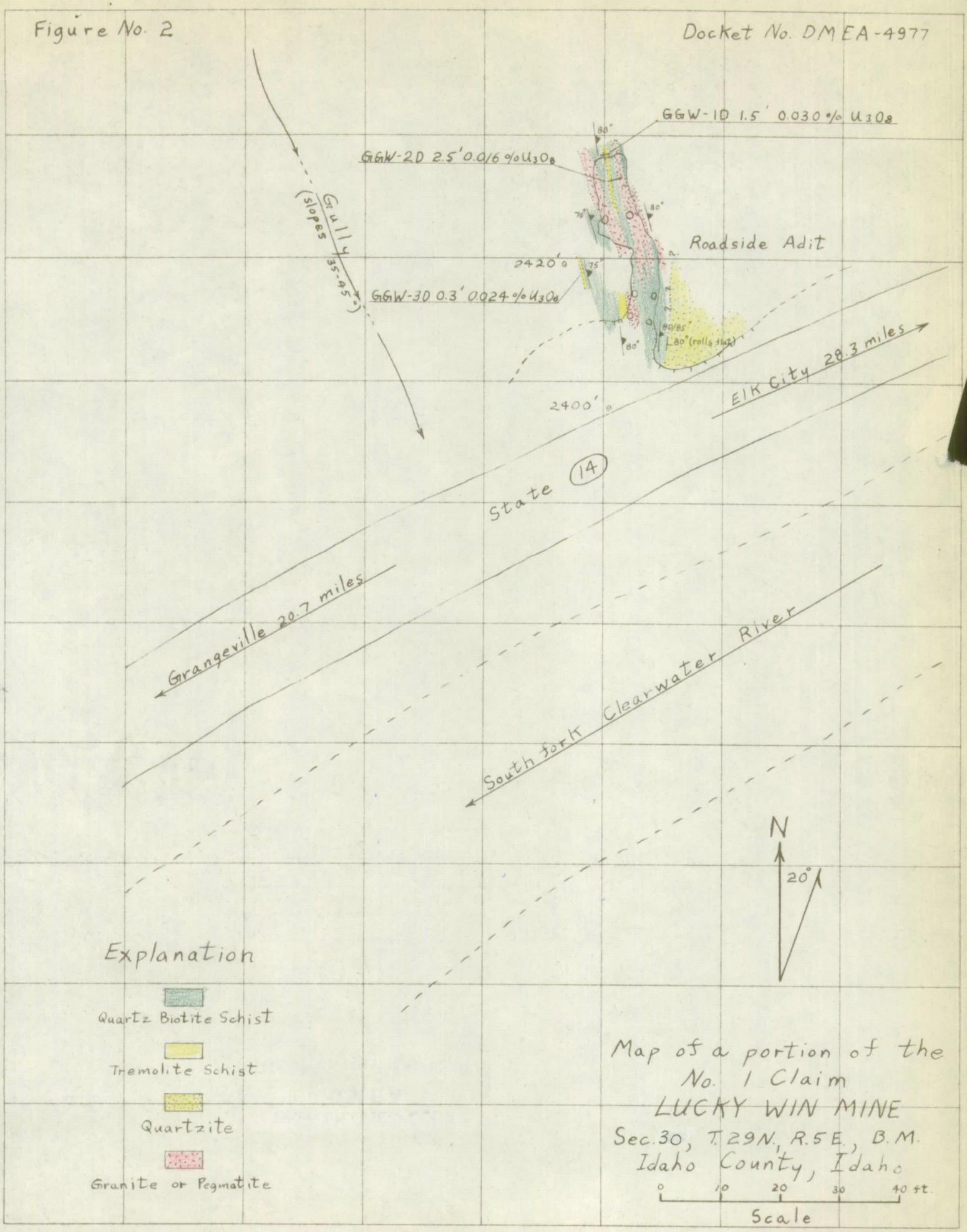
MChing/gla
4-28-58

cc to: Admr.'s Reading File
Operating Committee
THKiilsgaard, 5224
Mr. Ching

8623

Figure No. 2

Docket No. DMEA-4977



J. A. Gendron Co., Spokane

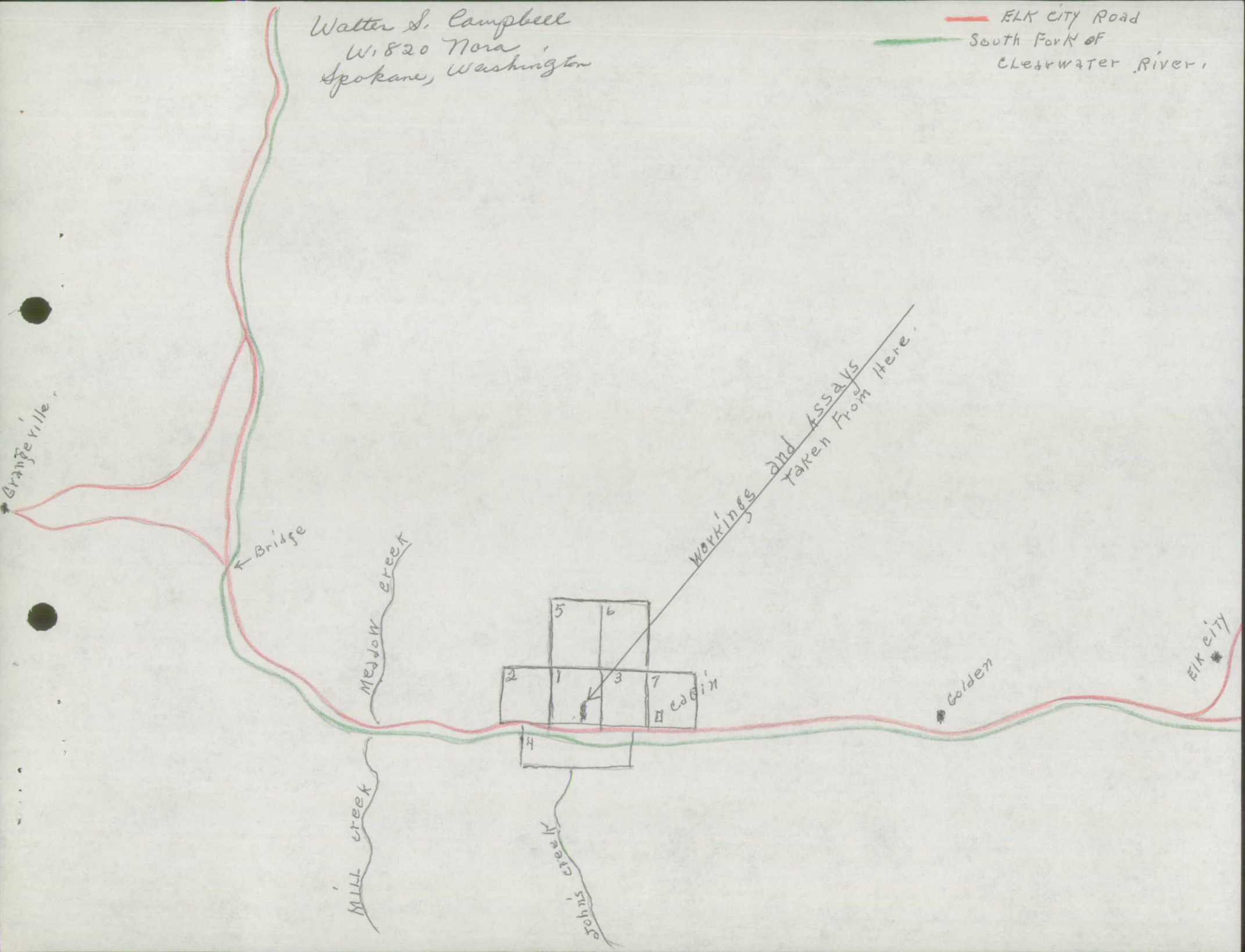
Figure No. 2

"ALBANENE" No. 195M K&E CO., N.Y. REG. U.S. PAT. OFF

OFFICIAL FILE COPY
DMEA
RECEIVED MAY 12 1958

DATE	INITIALS	CODE

Walter S. Campbell
W. 820 Nora
Spokane, Washington



RECEIVED
APR 7 1958
D.M.E.A.