DMEA Form 9

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE

DMEA NO. 4599

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(Withdrawn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

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

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

Left Side

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

Right Side

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

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

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

Left Side

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

Right Side

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

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

Folder No. 4: Settlement Sheets

Folder No. 5: Drill Logs

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D. C.~~
So. 157 Howard Street
Spokane 4, Washington

January 7, 1957

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

Re: New application (Uranium)
Magnum Mining Corp.
Nest Egg Claims No. 1 & No. 2
Lemhi County, Idaho

Dear Mr. Selfridge:

Enclosed are three copies of an application for aid to explore for uranium on the Nest Egg claims 1 and 2 in Lemhi County, Idaho. We have retained one copy for our files.

Sincerely yours,

A. E. Weissenborn

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

Enclosures
cc: USBM(2)
Geologist

Magnum Minning Corporation
Box 597
Toledo, Oregon

December 19, 1956

RECEIVED JAN 10 19

DATE	INITIALS	CC

A.E.Weissenborn
Executive Officer DMEA
Field Team Region 1, NW Dist.

Mr. Weissenborn;

I am applying for a DMEA ~~loan~~ as requested by the Directors of the Magnum Minning Corp.

I have completed these forms as requested by DMEA. However if you require further information, I will be glad to funish all I can.

The Geoligacal Maps will not be avaliable until sometime next spring, for the area.

I am sending Metzger maps for location of claims.

We have made plans to start the exploration by May 15, 1957.

I have consulted several Geologist about the possibilities of these claims and they won't give a definate answere, they say the best way to find what is there is to start digging.

If your field Team can find time to look this over between now and May 1, 1957, it would be greatly appreciated.

Discriptions of plains and road and maps are approximate they have not been servayed.

Sincerely yours,

/s/ C. SANDERLIN

RECEIVED

DEC 21 1956

U.S.G.S.
SPOKANE, WASH.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

REGION I

Albany, Oregon
November 1, 1956

P-7782-R

Mr. W. Ludahl
P. O. Box 393
Seaport, Oregon

Dear Mr. Ludahl,

Reference is made to the four samples originating from [illegible] County, [illegible] recently left at this laboratory for [illegible].

Sample 1 consists of quartz [illegible]

Sample 2 is a [illegible] lenticular [illegible] quartz with small amounts of [illegible] feldspar, [illegible] meta-autunite.

Sample 3 is [illegible] mineralogically similar to sample 2.

Sample 4 is a [illegible] lenticular sandstone [illegible] quartz with some [illegible] small amounts of feldspar and [illegible].

Radiometric determinations made on samples 2 and 3 [illegible] contain [illegible] equivalent uranium, respectively. The radioactivity is associated with [illegible] meta-autunite, a hydrated calcium-uranium phosphate mineral.

A copy of this letter is being forwarded to the Atomic Energy Commission, Washington, D. C., office for its information.

Very truly yours,

/s/ H. D. Hess

H. D. Hess, Head
Petrographic Laboratory

NOTE:

#2 Magnum Claim #1

#3 Nest Egg Claim #1

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

RECEIVED
DEC 21 1956
U. S. G. S.
SPOKANE, WASH

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

Not to be filled in by applicant

Docket No. 4599
Metal or Mineral Uranium
Date Received 1-10-57
Estimated Cost $155,508.20
Participation (Government %)

RECEIVED JAN 10 1957 D.M.E.A.

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: Magnum Mining Corp. Box 597 Toledo, Ore. Inc. in Ore.
C. Sanderlin Pres. Toledo Albert E Word, Sec.- Newport Ore.
Directors- W. Garidelle , H. W. Berger Toledo -Dewey Hannon Vice-Pres.
Directors-C. Sanderlin Toledo Ore.

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

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

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

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

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract Nest Egg No. 1 and 2
TS 16 Sec. 33 34 NR 21E and TS 15 Sec. 4-&3 NR 21E
of Lemhi County Idaho

(*b*) State any mine name by which the property is known. Unknown

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise Assigned
all rights and tital to Claims Book 46 of deeds page 47 61

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

(*e*) If you own the land, describe any liens or encumbrances on it Unpatined Claims
Book 7 Page 618 618-619 619

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

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

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades.

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

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

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

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

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

(*c*) The work will start within May 15 1957 days and be completed within 6 months from the date of an exploration project contract.

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

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

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

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

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

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

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

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

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

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

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

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

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

[X] Money [X] Use of equipment owned by you [ ] Other

Explain in detail on acompanying paper.

CERTIFICATION

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

Dated Dec 20, 1956

MAGNUM MINING CORP.
BOX 597, TOLEDO, ORE.
(Applicant)

By C Sandberlin
700 Sunset Drive
Toledo Ore

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

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

Form MF-103

4D Apprpx, two and one half miles from oil road to claims on acess to within one toousand feet of claims.

Shipping point McKay Idaho 74 miles from claims 4 miles from Ellis , 6 miles to May, fifty miles to Salmon and twenty five miles to Challis,

4E Manpower materials and supplies avaliable in this area water will be hauled from Phasemori river two and one half miles.
Power line two miles to claim,

5D- President & manager has fifteen years experience in contracting logging and business management .

Project supervisor has fourty years experience in mining prospecting.

4C Ledges of limestone type rock 250 ft. height 150 ft. solidified conglomerate lower part 25 ft. shale.
six ft., diameter of uranium outcropping assayed by Bureau Mines Albaney Ore 76/100
reason for exploring to determine tonnage and type minning to apply.

5B
Wepropose to drift 100ft. in and cross cut 200ft. at right angles to drift on Nest Egg Claim no one Nest egg no two Core drill eight 200 ft. holes.

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DMEA
RECEIVED JAN 10 1957
DATE | INITIALS | CODE

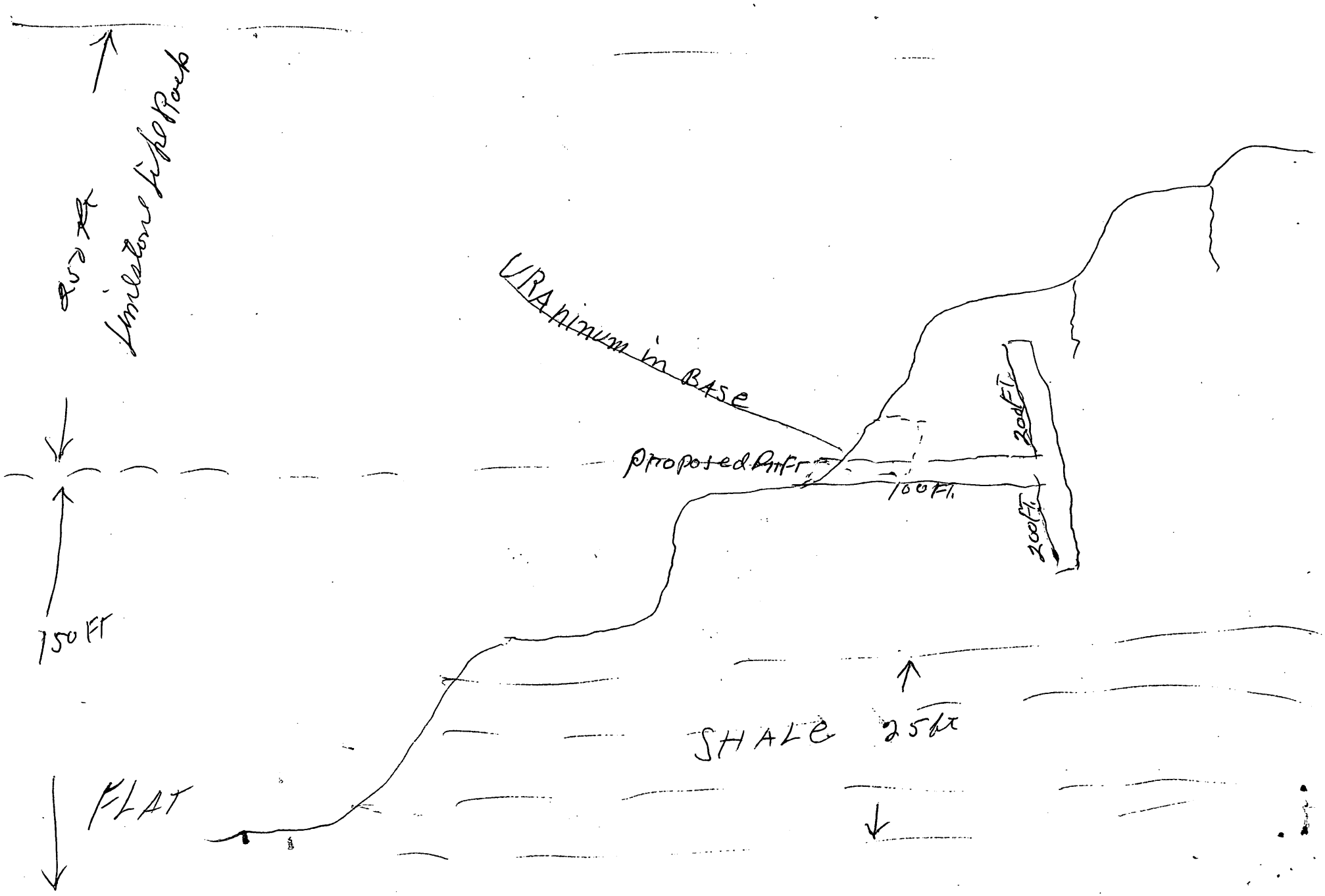
6 Estimate of Costs

Dozer work 18 hours 15.00 per hour		270.00	270.00
6 B			
1 core driller 18.00 per day	6 Mo.	2160.00	
1 line driller 18.00 per day	6 Mo.	2160.00	
2 muckers 16.oo per day	6 mO.	3840.00	
1 Supervisor 500.00 per Mo.		3000.00	
Assay work and engeneering reports		1800.00	12960.00
6C			
Cribbing 20m. ft. 65.00		1300.00	
fuel and oil for power	6 Mo.	1508.00	
Power caps and fuse	6 Mo.	2500.00	
Core drill bits and steel	6 Mo.	680.00	5288.00
6 D Rental Equipment			
1 core drill	6 Mo.	600.00	
1 mucking machine	6 Mo.	750.00	
1 water tank truck	6 Mo.	380.00	
1 pickup	6 Mo.	300.00	
1 air compresser	6 Mo.	380.00	
2 ore cars 500 ft. track	6 Mo.	150.00	2560.00
6 F			
Utility building to be constructed by corp. not to excede		500.00	
6 G			
Cost of mantaining Equopment 200.00 per Mo.		1200.00	
Accounting cost 50.00 per Mo.		600.00	
Compensation Liability Ins. and payroll taxes for 6 Mo.		1555.20	3855.20
6H			
Contingencies		400.00	
Labor for organising opetation expence account,		300.00	
Freingt on equipment		175.00	875.00
Corp. contribute to project in eqip.			
1 tank truck	6Mo.	380.00	
1 pickup	6 Mo.	300.00	
1 utility building		500.00	1100.00 Credit

Total- 155508.20

$27,688.20

MAGNUM MINING CORP.
BOX 592, TOLEDO, ORE.



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

OFFICIAL FILE COPY
DMEA
RECEIVED JUL 5 1957

DATE	INITIALS	CODE
7/5	C	220
7-5	[illegible]	700
		225

July 1, 1957

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

Re: Docket No. DMEA-4599 (Uranium)
Magnum Mining Corp.
Nest Egg Claims No. 1 & No. 2
Lemhi County, Idaho

Dear Mr. Selfridge:

Enclosed are four copies of a letter dated June 28, 1957 from the Salt Lake Area Office of the Atomic Energy Commission in response to ours of June 11, 1957. This letter is self-explanatory.

Sincerely yours,

Donald R. MacLaren

Donald R. MacLaren
Alternate Acting Executive Officer
DMEA Field Team, Region I, NW Dist.

Enclosures

cc: USBM (2)
Nickelson

[illegible]

Mr. A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region [illegible] DMEA District
South [illegible] Howard Street
Spokane 4, Washington

In Reply DMEA-[illegible]

Dear Mr. Weissenborn

We have [illegible] the [illegible] mentioned in your letter [illegible]

[illegible]

Michael L. Hevner
Acting Area Manager
St. Louis Area Office

DMEA

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DMEA
RECEIVED [illegible] 1957

DATE		CODE
7-5	[illegible]	700

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
6/26	Kapsure	700
6/26	Ellis	700
6/28	Selfridge	130
6/28	Yoga	130
6/28	Nelson	130
"	Knouse	110
"	Mittendorf	100
		220

JUN 28 1957

Mr. C. Sanderlin, President
Magnum Mining Corporation
Box 597
Toledo, Oregon

Re: Docket No. DMEA-4599 (Uranium)
Nest Egg Nos. 1 and 2 Claims
Lemhi County, Idaho

Dear Mr. Sanderlin:

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

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

Careful study of all our information, although noting some 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,

G. O. Mittendorf

(esf)

Administrator

FLKnouse/izm 6-26-57
cc to: Mr. Knouse
Admr.'s Reading File
Operating Committee
THKiilsgaard, 5224
DMEA FT Reg. I, NW Dist. (2)

8623

DOCKET COPY

J. Clugue
Ellis

Summary of Proposed Project

Object: Denial of application for exploration aid.

Docket No. DMEA-4599

Commodity: Uranium

Applicant: Magnum Mining Corp.
Box 597
Toledo, Oregon

Property: Nest Egg Nos. 1 and 2 unpatented lode mining claims, in secs. 3 and 4, T. 15 N., R. 21 E., B. M. & B., Lemhi County, Idaho

Property Rights: Owner by assignment.

Date of application: December 20, 1956
Amount of application: $27,688.20
Referred to Region I, Northwest District: February 20, 1957
Field examination made: April 27, 1957
Field Team report recd.: June 17, 1957

Work proposed: Drift 100 feet on a uranium exposure (Nest Egg No. 1 claim) and crosscut 400 feet from the drift to explore the zone, and also drill eight core holes 200 feet deep on the Nest Egg No. 2 claim to explore for uranium.

Estimated cost:

Independent Contract		Totals
18 hours dozer work @ $15.00/hr.	$270.00	$ 270.00
Labor and Supervision and Technical Services		
2 drillers, 6 mos. @ $18.00/day each	4,320.00	
2 muckers, 6 mos. @ $16.00/day each	3,840.00	
1 supervisor, 6 mos. @ $500.00/mo.	3,000.00	
Assaying and engineering	1,800.00	12,960.00

		Totals
Operating Material and Supplies		
Timber	$1,300.00	
Fuel and oil for power	1,508.00	
Explosives	2,500.00	
Steel and drill bits	680.00	$5,988.00
Operating Equipment		
Rental		
Core drill - 6 mos.	600.00	
Mucking machine - 6 mos.	750.00	
Water truck - 6 mos.	380.00	
Pick-up truck - 6 mos.	300.00	
Air compressor - 6 mos.	380.00	
2 mine cars - 6 mos.	150.00	2,560.00
Use Allowance		
Tank-truck -6 mos.	380.00	
Pick-up truck - 6 mos.	300.00	1,180.00
Utility building - 6 mos.	500.00	~~11,800.00~~
New Buildings, Improvements, Installations		
Utility building		500.00
Miscellaneous		
Equipment maintenance @ $200.00/mo.	1,200.00	
Accounting @ $50.00/mo	600.00	
Payroll taxes	1,555.20	3,355.20
Contingencies		
Expense account to organize operation	300.00	
Equipment freight	175.00	875.00
Total estimated cost of project		$27,688.20
Government participation @ 75%		$20,766.15

Excerpts from Field Team report:

> Two small showings of uranium-bearing material, approximately three-quarters of a mile apart, were shown to the examiners. Both occurrences were near the base of a thick angular conglomerate overlying quartzite and argillites of the Belt formation.

The conglomerate dips about 10°-15° NE, and the Belt quartzites and argillites dip north about 27°. The contact between the conglomerates is an on eroded surface and is very irregular.

One uranium occurrence is on the Nest Egg No. 1 claim and is adjacent to a fault. The uranium mineral beta-uranophane(?) occurs in an exposure about 3 x 3 feet as films along seams in the base of a large 12 by 60-foot quartzite boulder adjacent to the fault. A sample cut about 1 foot long across the seams assayed 0.064 per cent U_3O_8.

The other mineralized exposure on the Magnum No. 1 claim also occurs along the contact between the conglomerate and the Belt quartzites. A yellow uranium mineral, similar to the one found on the Nest Egg No. 1 claim, is exposed along the irregular contact for about 8 feet. The mineral is disseminated in the rock across a width of about 18 inches. Two samples cut across the width of the zone assayed 0.126 and 0.174 per cent U_3O_8. There was no evidence that suggested the mineralized rock extends laterally, but it probably extends for a short distance along the contact beyond the pit face.

(The Magnum claim group was not included in the application but would have been if a project was approved.)

Two other small areas in the conglomerate having radioactivity of about twice background were observed by the examiners.

The uranium occurrences appear to be isolated exposures of low-grade material with no, or very little, continuity. Therefore, DMEA assistance to explore the property is not warranted.

Commodity Members' Comments:

U. S. Bureau of Mines, James Paone, June 24, 1957.

Agrees with the Field Team recommendations.

U. S. Geological Survey, N. E. Nelson, June 20, 1957.

"Samples taken by the examiners, and assayed chemically, showed the material at the 2 places to be low grade over narrow widths and short lengths. The material occurs near or at the base of the conglomerate which lies uncomformably

on Belt formation rocks in both cases, but there is no reason for thinking the occurrences are connected.

"In the opinion of the examiners, the quantity of low grade material, 0.064 - 0.174% U_3O_8, is small and the underground work and drilling proposed are not warranted. The examiners and the Field Team recommend that the application be denied." I concur with the recommendation."

Division of Rare and Miscellaneous Metals,
F. L. Knouse, June 26, 1957.

Only two widely-spaced small exposures of uranium mineralization have been made on the property. The types of deposits do not indicate the probability of making a significant discovery on the property is promising. Therefore, the application for exploration aid should be denied.

Conclusion and Recommendations:

In the light of the work done by the Applicant, the nature of the small, wide-spaced mineralized exposures, it is not believed that a significant discovery of uranium mineralization would be made on the property. Therefore, the application should be denied.

Ernest Wm. Ellis

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

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DMEA
RECEIVED JUN 25 1957

DATE	INITIALS	CODE
6/25	C	220
6/25	ELK	700

Comments
Complete

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

Date June 24, 1957

DMEA Docket No. 4599
DMEA Contract No.
Commodity Uranium
Name of applicant Magnum Mining Corporation
Name of property Nest Egg Nos. 1 and 2 claims
Location of property Lemhi County, Idaho
Estimated cost of project

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: 6/10/57. 2. Date received by reviewer: 6/20/57

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

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

5. Information available on past production: Yes ☐ No ☐

6. Other pertinent factors known to reviewer: Yes ☐ No ☐

7. Explain items marked yes above:

8. Factors needing special consideration:
   a. Location ☐
   b. Ownership ☐
   c. Evidence of mineralization ☐
   d. Geology ☐
   e. 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 ☒
      i. Consult with Mr. _____ at _____ AEC office.
   e. Disagree with Field Team ☐
   f. Suggest alternate plan ☐
   g. Request another examination ☐
   h. Approval ☐

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

IN REPLY REFER TO:

OFFICIAL FILE COPY
DMEA
RECEIVED JUN 21 1957

DATE	INITIALS	CODE
6/21	JWR	720
6/24	FLK	700

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

June 20, 1957
Re: DMEA 4599
Magnum Mining Corporation
Nest Egg Group
Lemhi County, Idaho
$25,808.20 - Uranium

Memorandum

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

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

Subject: Review of Field Team Report

The applicant requested assistance in exploring a conglomerate bed, from two places, in which 3/4 of a mile apart samples of good grade, as determined radiometrically, uranium-bearing material had been taken.

Samples taken by the examiners, and assayed chemically, showed the material at the 2 places to be low grade over narrow widths and short lengths. The material occurs near or at the base of the conglomerate which lies unconformably on Belt formation rocks in both cases, but there is no reason for thinking the occurrences are connected.

In the opinion of the examiners, the quantity of low grade material, 0.064 - 0.174% U_3O_8, is small and the underground work and drilling proposed are not warranted. The examiners and the Field Team recommend that the application be denied.

I concur with the recommendation.

N. E. Nelson

N. E. Nelson

So. 157 Howard Street
Spokane 4, Washington

June 11, 1957

OFFICIAL FILE COPY DMEA RECEIVED JUN 12 1957		
DATE	INITIAL	CODE
6/17	DWG	220
"	~~FLK~~	700

Mr. Arthur E. Granger, Chief
Salt Lake Exploration Branch
Division of Raw Materials
U. S. Atomic Energy Commission
P. O. Box 2196
Salt Lake City, Utah

Re: Docket No. DMEA-4599 (Uranium)
Magnum Mining Corporation
Nest Egg Nos. 1 and 2 claims
Lemhi County, Idaho

Dear Mr. Granger:

Enclosed is a copy of an examination report prepared by E. W. Parsons, Mining Engineer, U. S. Bureau of Mines, and H. B. Nickelson, Geologist, U. S. Geological Survey. This report evaluates an application submitted by the Magnum Mining Corporation to explore uranium showings on Nest Egg Nos. 1 and 2 claims in Lemhi County, Idaho. A copy of the application is also enclosed.

It would be appreciated if we could have the benefit of your evaluation of this application. As soon as we receive your comments, they will be forwarded to Washington.

Sincerely yours,

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

Enclosures

cc: DMEA (2)
USBM (2)
Nickelson

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

OFFICIAL FILE COPY
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"	~~FLK~~	700

June 10, 1957

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

Re: Docket No. DMEA-4599 (Uranium)
Magnum Mining Corporation
Nest Egg Nos. 1 and 2 Claims
Lemhi County, Idaho

Dear Mr. Selfridge:

Enclosed are four copies of a report from E. W. Parsons, Mining Engineer, Bureau of Mines, and H. B. Nickelson, Geologist, Geological Survey, recommending denial of the subject application.

Known uranium occurrences on the property are found at two localities three quarters of a mile apart. The occurrences are found near the base of a conglomerate of angular quartz fragments and boulders which unconformably overlies rocks of Precambrian Belt Series. Elsewhere in the general vicinity the conglomerate is overlain by Challis volcanics of Tertiary age.

The two areas which contain material of ore- or near-ore grade appear to be small isolated occurrences not continuous with or connected with other mineralized areas, and on this basis the examiners recommend that the application be denied. The Field Team concurs with the recommendation that the application be denied.

By Field Team, Region I, NW District

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

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

cc: USBM(2)
USGS(SRO)
AEC, Salt Lake
Nickelson

Reviewed by
DMEA OPERATING COMMITTEE
6-21-57
(date)

ON-SITE EXAM. REPORT

D Mea

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UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
So. 157 Howard Street
Spokane 4, Washington

May 21, 1957

MEMORANDUM

To: DMEA Field Team, Region I, Northwest District

From: E. W. Parsons, Mining Engineer, U. S. Bureau of Mines
and H. B. Nickelson, Geologist, U. S. Geological Survey

Subject: Field examination report, Docket No. DMEA-4599 (Uranium), Magnum Mining Corporation, Nest Egg Nos. 1 and 2 Claims, Lemhi County, Idaho

INTRODUCTION

On December 20, 1956, the Magnum Mining Corporation submitted an application for Defense Minerals Exploration Administration aid to explore for uranium on the Nest Egg Nos. 1 and 2 unpatented lode claims located in secs. 3 and 4, T. 15 N., R. 21 E. B.M., Lemhi County, Idaho. The company owns 16 contiguous unpatented claims in the area.

SUMMARY

The property was examined on April 27, 1957, by the examining team accompanied by C. R. Hubbard, Mining Engineer, Bureau of Mines, Clinton Sanderlin, President, and Woodrow Ludahl, Project Supervisor for the company.

Two small showings of uranium-bearing rock approximately three-quarters of a mile apart were shown the examiners. Both occurrences were near the base of a thick angular conglomerate formation which overlies the quartzites and argillites of the Belt formation. The uranium occurrence on the Nest Egg No. 1 claim is adjacent to a fault. The uranium mineral beta-uranophane tentatively identified by the Bureau of Mines occurs as films along small seams in the base of a large quartzite boulder. The base of the boulder is adjacent to the fault. The uranium minerals are exposed over an area of about 3 by 3 feet. A sample chipped from about 1 foot across this occurrence assayed 0.064 percent U_3O_8.

Reviewed by
DMEA OPERATING COMMITTEE
6-21-57
(date)

The uranium minerals on the Magnum No. 1 claim occurred along the contact between the Belt rocks and the angular-conglomerate formation. A yellow uranium mineral similar to the one found on the Nest Egg No. 1 claim is exposed along the irregular contact for about 8 feet. The mineral is disseminated in the rock across a width of about 18 inches. Two samples cut across the width of the zone assayed 0.126 and 0.174 percent U_3O_8. A grab sample from about 500 pounds of ore sorted from a pit assayed 0.213 percent U_3O_8. There was no evidence that suggested the mineralized rock extends laterally, but it probably does extend for a short distance along the contact beyond the face of the pit. Two other spots with radioactivity of about twice background count were pointed out to the examiners.

The two small areas containing near ore-grade material appear to be small isolated occurrences that apparently are not continuous or connected with other mineralized areas.

RECOMMENDATION

It is recommended that the application be denied.

LOCATION AND ACCESSIBILITY

The 16 contiguous unpatented Nest Egg Nos. 1 through 3 and the Magnum Nos. 1 through 13 claims are in T. 15 N., R. 21 E. and T. 16 N., R. 21 E., Lemhi County, Idaho. The property is located about 33 miles south of Salmon, Idaho, on the west slope of the Lemhi range between May and Ellis, 2 small hamlets located near the mouth of the Pahsimerol valley.

One can reach the property from Salmon by traveling south 34 miles on U. S. Highway 93 then by traveling southeast 4½ miles on a paved county road to a rough trail trending north to the base of the mountain. The uranium exposures lie one-third to two-thirds of the way up the mountain, above the end of the trail.

GEOLOGY

The geology of the area apparently has not been mapped, but, from the brief examination, it was found that the small showing of uranium minerals occurs near or at the base of a thick angular conglomerate which lies unconformable on the Belt formation. It is believed the conglomerate is overlain by rocks of the Challis formation.

The conglomerate is composed of angular fragments that range in size from sand grains to boulders 10 feet in diameter. This mass of rock is cemented with silica, but places near dikes are cemented with what appears to be dike material. The angular fragments are almost all white quartzite, probably weathered from the

Hoodoo quartzite formation in the Belt series. The conglomerate bed appears to dip about 10°-15° NE. This bedding is apparent from the cliff lines observed from a mile or more away. The contact between the Belt rocks and the conglomerate is very irregular due to conglomerate being deposited on an eroded surface. Therefore it varies in thickness; near the Nest Egg No. 1 claim the formation was estimated to be about 1,000 feet thick. The Belt, quartzite, and argillite beds dip north about 27°.

On the Nest Egg claims a small exposure of a yellow uranium mineral beta-uranophane(?), occurs along seams in the base of a 60 by 12-foot quartzite boulder adjacent to a fracture as shown on plate 1. The mineralized area exposed is about 3 by 3 feet. A sample cut about 1 foot long across the seams assayed 0.064 percent eU_3O_8.

On the Magnum No. 1 claim a similar uranium mineral occurs along the contact between the conglomerate and the Belt quartzites. The occurrence is about 8 feet long as exposed across the pit, averaging about 1-15 feet wide (pl. 1).

Two samples cut as shown on the vertical section assayed 0.126 and 0.174 percent eU_3O_8, and a grab sample from a small pile of ore assayed 0.213 percent eU_3O_8. This deposit is about two-thirds of the way from the valley floor to the top of the mountain and is fairly inaccessible.

The applicant also showed the examiners two other spots in the conglomerate that gave radioactive count about twice background. These appeared to be of minor importance.

DESCRIPTION OF THE PROPERTY

No surface facilities exist and the only mine workings are several pits blasted by drilling holes with hand steel. The largest of these pits is on the Magnum No. 1 claim; it is approximately 10 feet long and 5 feet wide and was driven along the flat contact between the conglomerate and the Belt sediments. Two other pits, one on the Nest Egg No. 1 claim and the other on the Magnum No. 7 claim, resulted from blasting one or two short hand steel holes. A road about 400 feet long was started toward the Magnum No. 1 showing, but it lacks about 1,500-2,000 feet of connecting with the pit. No shipments have been made, but possibly 500-1,000 pounds of low-grade material can be obtained by sorting the dump at the Magnum No. 1 pit.

SUPPLIES AND EQUIPMENT

Supplies and equipment are available in Salmon. Power lines run within 2 miles of the property, but, if any work were

anticipated, the equipment would be powered by gasoline- or diesel-driven motors. Water flows within three-quarters of a mile of the property in an irrigation ditch from Morse Creek. Local labor is available, the wage scale being about $18 per day.

APPLICANT'S PROPOSAL

The applicant proposed to drift 100 feet and crosscut 400 feet on the showing described on the Nest Egg No. 1 claim, and to core drill eight 200-foot holes on the Nest Egg No. 2 claim. The Magnum group of claims was not mentioned in the application but would have been included if work had been proposed by the examining team.

The proposed drift would follow the fault at the base of conglomerate, and the crosscuts would explore 200 feet on each side of the drift at a point near its face. It was obvious the target exposed above the proposed drift does not continue at depth, and it is too small to warrant the proposed exploration.

The eight core drill holes proposed on the Nest Egg No. 2 claim have no obvious target to explore, and the locations of these holes shown on the applicant's map would probably be in the Bolt rocks where no uranium has been found to date in this area.

The uranium occurrences examined appear to be isolated spots of low-grade material with no or very little continuity; therefore, the writers concur that DMEA assistance to explore the property is not warranted.

Enclosure
Distribution:
DMEA(4)
USBM(5)
USGS(SRO)
Docket
Nickelson
AEC(Salt Lake City)

DMEA Form 7
(12-56)

700

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Date	Surname	Code
2-20	FLKnouse	700
2-20	[illegible]	700
2/20	Selfridge	130
"	Johnson	110
		~~700~~ 36
2/21	C	220

Lamb 700
Kilsgaard

FEB 20 1957

Mr. C. Sanderlin, President
Magnum Mining Corporation
Box 597
Toledo, Oregon

Re: Docket No. DMEA-4599 (Uranium)
Nest Egg Nos. 1 and 2 Claims
Lemhi County, Idaho

Dear Mr. Sanderlin:

The undated and unsigned letter replying to our letter of January 15, 1957, and the four untitled maps showing the locations of the mining claims and proposed work, have been received. The application is now being referred to Mr. A. E. Weissenborn, Executive Officer, DMEA Field Team, Region I, Northwest District, South 157 Howard Street, Spokane 4, Washington, for consideration and possibly a field examination.

The Regional Office will contact you at an early date if an examination is to be made. Any assistance you may give the members of the Field Team during the examination will be appreciated.

Sincerely yours,

Frank E. Johnson (for)

ACTING Administrator

FLKnouse/izm 2-20-57
cc to: Code 700
Mr. FLKnouse
Admr.'s Reading File
DMEA FT Reg. I, NW Dist. (2)

C

8623

DMEA Form 7
(12-56)

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Date	Surname	Code
2-20	FLKnouse	700
"	[illegible]	700
2/20	Selfridge	130
"	JNelson	110
		~~100~~
		225

FEB 20 1957

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

Re: Docket No. DMEA-4599 (Uranium)
Magnum Mining Corporation
Nest Egg Nos. 1 and 2 Claims
Lemhi County, Idaho

Dear Mr. Weissenborn:

The captioned application is referred to your office for either a field examination and report on the proposed project or the Field Team's recommendations based on available information.

Enclosed are copies of memoranda, dated January 14, and February 15, 1957, from John B. Crawford, USBM, and N. E. Nelson, USGS, respectively, relating to the proposed project, and one extra copy of the application with attachments. Also enclosed are two copies of supplementary information namely, an undated and unsigned letter from the Operator in reply to our letter of January 15, 1957, and a map (without title) which shows the claims and proposed work.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (JVB)

Enclosures

APPROVED:

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

Thor H. Kiilsgaard (JVB)
Member, Geological Survey

FLKnouse/izm 2-20-57
cc to: Code 700
Mr. Knouse
Admr.'s Reading File
Operating Committee
THKiilsgaard, 5224
JKratchman, AEC

8623

IN REPLY REFER TO:

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

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Comments complete

February 15, 1957
Re: DMEA 4599
Magnum Mining Corp.
Nest Egg Group
Lemhi County, Idaho
$25,808.20 - 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 a bed of silicified sandstone from which two samples appear to have been taken. The samples, as 'assayed' radiometrically, contained 0.79 and 0.76% eU_3O_8.

As determined by the Bureau of Mines at Albany, Oregon, the uranium occurs as beta-uranotil.

Radiometric readings at 2 places above and one place below where the samples were taken are classed as fair, good and light to fair. The showing where the samples were taken is shown as triangular in shape, 3 feet high and 2 feet on the base. Just where the samples were picked is not indicated.

The proposed work consists of:-

1. 100 feet adit drifting
2. 400 feet crosscutting at end drift
3. 8 200-foot core drill holes

No reason is given for drilling the holes on the adjoining claim 350 to 700 feet from the one spot showing a uranium mineral.

Judging by the information available, an examination is not warranted. However, referral to the Field Team for appropriate action is recommended.

N. E. Nelson

N. E. Nelson

Magnum Minning Corp,
Box 597
Toledo Ore,

DMEA FILE NO. 4599 Uranium
Nest Egg NO,1 and 2 Claims
Lemhi County Idaho

Mr, Ellis
On request to your letter of Jan,15 57

Itim NO. I
Nest Egg No. I recorded in Lemhi County Idaho at 12 minutes past 11 Oclock A.M. 13th of August 1956 recorded in Book 7 of minning claims page 618 NO.85082

NEST EGG NO. 2 recorded in Lemhi County Idaho at 12 minutes past 11Oclock A.M. 13th. day of August 1956 recorded in book 7 of mining claims page 618and 619 NO.85081
Claims were recorded by Mr. WOODRO LUDAHL

Mr, Woodro Ludahl assign and set over unto Magnum Minning Corp. an Oregon Corporation, all of my right, tital and intrest inand to those certin mining claims heretofore recorded in the office of the EX OFFICIO Recorder in the County of Lemhi and the State of Idahp

Re Assignment No. 85604 Recorded at the request of the Magnum Mining Corp, October 25 8956 in book of deeds 46 page 47

Mr, Ludahl name is the only one that appears on the mining claim recordings

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RECEIVED FEB 12 1957

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2-13	Kuomer	900

DMEA Form 7
(12-56)

700

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Date	Surname	Code
1/14	Knouse	700
1-15	Ellis	700
	H Johnson	110
1/15	Mitchell	100
	B.	225
1/15	CW	220
		700

Mr. C. Sanderlin, President
Magnum Mining Corporation
Box 597
Toledo, Oregon

JAN 15 1957

Re: Docket No. DMEA-4599 (Uranium)
Nest Egg Nos. 1 and 2 Claims
Lemhi County, Idaho

Dear Mr. Sanderlin:

Please clarify and furnish the following information so that we may continue the processing of your application:

1. If the entire interest in the above claims was not assigned to the Magnum Mining Corporation, we need copies of the assignment; and

2. On a map, or sketch, drawn to scale, show the following:

   (a) location and extent of all uranium mineralized exposures;

   (b) locations of samples taken, with their chemical analysis and/or radiometric determination; and

   (c) location of proposed work, i.e., drift, crosscuts, and drill holes, all in relation to the claim boundaries. Also, please furnish a narrative description of each mineralized exposure, i.e., length, width, and mineralization.

You should furnish two copies of the assignment (item 1) and four copies of the other information so we may process your application with a minimum of delay.

Sincerely yours,

SIGNED
Ernest L. Ellis, Chief
Rare and Miscellaneous
Metals Division

FLKnouse/izm 1-14-57
cc to: Code 700
Mr. Knouse
Admr.'s Reading File
DMEA Field Team, Reg. I NW Dist. (2)
Messrs. Crawford, 3643; Kiilsgaard, 5224; Hosted, 3210, GSA

8623

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1-15	[illegible]	700

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

Date January 14, 1957

DMEA Docket No. 4599
DMEA Contract No.
Commodity Uranium
Name of applicant Magnum Mining Corp.
Name of property Nest Egg Claims No. 1 & No. 2
Location of property Lemhi County, Idaho
Estimated cost of project $155,508.20

Memorandum

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee

From: John E. Crawford, Bureau of Mines Member
Uranium Commodity Committee

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

1. Date of subject document: 12/21/56. 2. Date received by reviewer: 1/10/57.

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

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

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

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

7. Explain items marked yes above:

8. Factors needing special consideration:
   a. Location [x]
   b. Ownership [ ]
   c. Evidence of mineralization [ ]
   d. Geology [x]
   e. Proposed exploration method [ ]
   f. Alternate exploration method [ ]
   g. Costs [x] Estimated cost incorrect.
   h. [ ]

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

10. Remarks: (Use back of page if necessary) Mr. J. O. Hosted, Washington representative of the Atomic Energy Commission, assisted in the review.

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

January 10, 1957

Magnum Mining Corp.
P. O. Box 597
Toledo, Oregon

Subject: DMEA-4599

Gentlemen

Your application for exploration assistance, dated December 20, 1956 submitted to our office at Spokane, has been assigned Docket Number DMEA-4599 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,

Signed

Allen S. Dakan, Director
Operations Control and
Statistics Division

Copy to:

Region I, MW. Spokane, Washington

Code 700

6416

4599

700

Knouse

RECEIVED NOV 5 1956 DMEA

xxxxxxxxxxxxxxxxxx

So. 157 Howard Street
Spokane 4, Washington

October 31, 1956

Mr. C. Sanderlin
P. O. Box 597
Toledo, Oregon

Re: Request for DMEA information

Dear Mr. Sanderlin:

Thank you for your letter of October 23, 1956, asking for information about the defense minerals exploration program.

Enclosed are a question and answer booklet, DMEA Order-1 Amended, and six copies of the application form MF-103. If, after reading the literature, you feel that your property will qualify for assistance, we would appreciate your completing five copies of the MF-103 and returning to this office. Your application must be accompanied by five copies of any maps, sketches, or exhibits. Item 12 on page 3 of the booklet tells what information is required.

If you have any questions, we shall be glad to hear from you again.

Sincerely yours,

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

cc: DMEA (2)
USBM (2)

Government Messenger Envelope

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3. Write clearly.

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Your mail room has RUN and STOP information.

RE: DOCKET NO. DMEA-4592 (URANIUM)

Description of mineralized exposures.
Approximate elevation differences.
Formations and analysis.
North end of claims about 700' above South.

NO. 1

Located on ridge in upper portion crevice or depression running East and West.
Formation essentially quartzite with Metamorphic variations, counter reading fair not analyzed.

NO. 2

Elevation 15' below No. 1 located in base of vertical wall facing West and running North and South. Formation Quartzite in form of solidified conglomerate.
Counter reading good, not analyzed.

NO. 3

Elevation 10' below No.2 located in base of vertical wall facing West and running North and South.
Formation essentially Quartzite in form of solidified conglomerate.
Shows metamorphic variations.
Counter reading good; florescence strong in spots; analysis Radiometric.
Type of ore: Beta Uranotil
Average strength of ore on surface 0.76 U.S. Bureau of Mines, Albany, Ore.

NO. 4

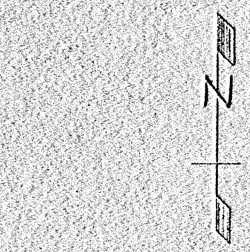
Located in shale bed 30' below No. 3 in draw 7' or 8' layer, maybe more.
Formation dark colored shale.
Counter reading light to fair, not analyzed.

PROPOSED WORK

Eight 200' drill holes indicated thus (D)

One 100' drift

One 100' cross cut



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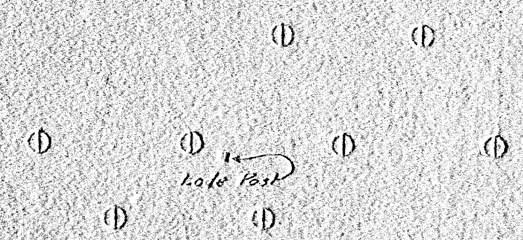
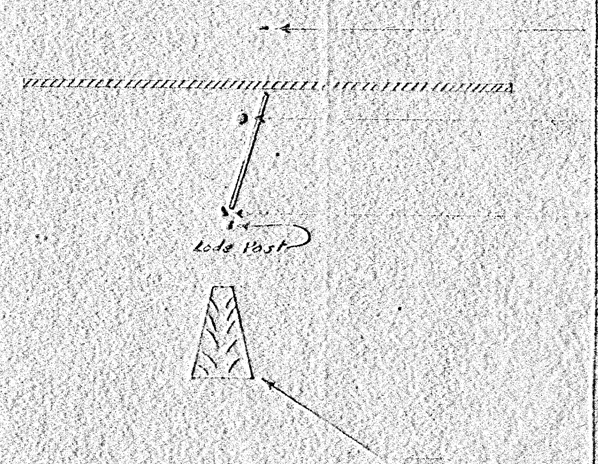
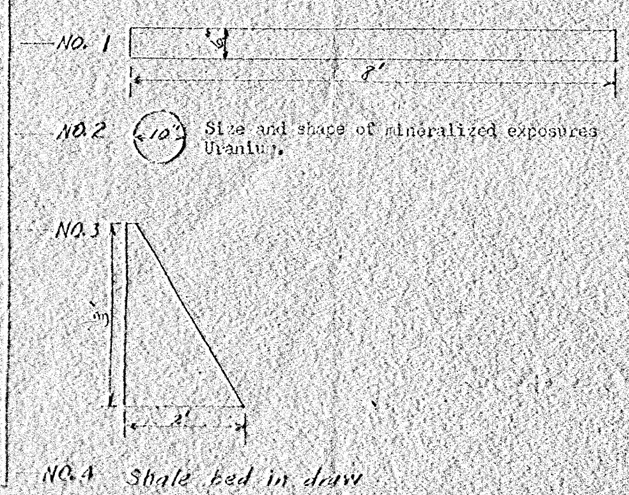
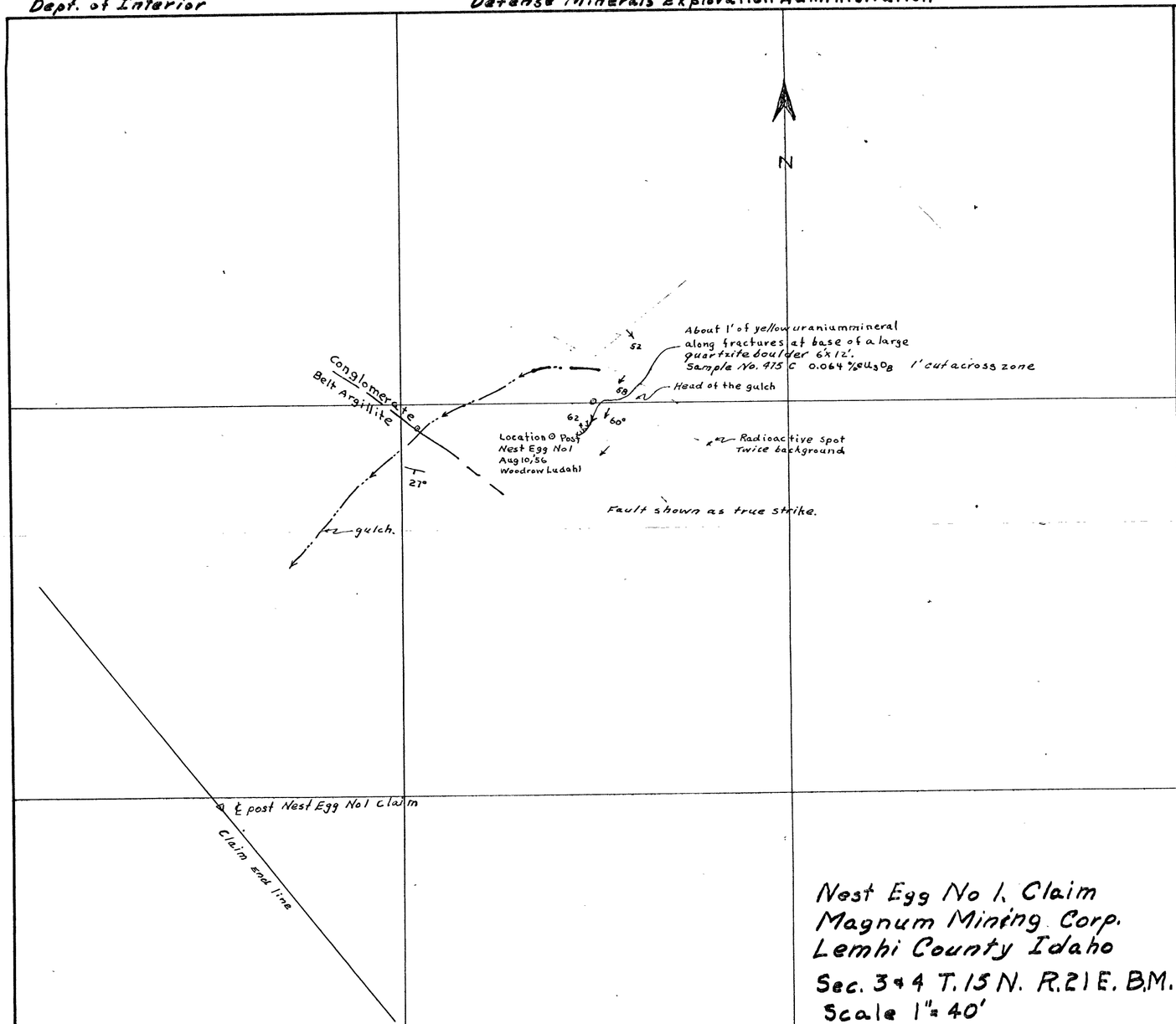
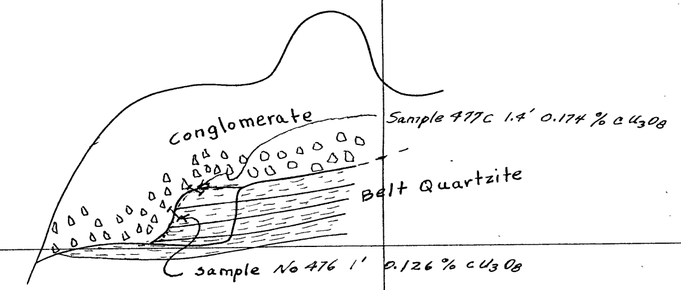


NEST EGG NO. 1

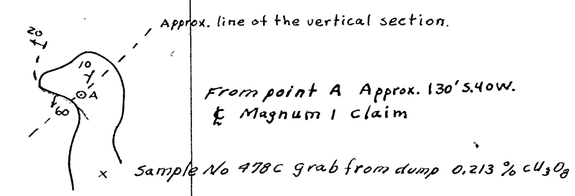








Vertical Section Sketch
Looking N.70W.
Scale Approximately 1" = 10'



Plan Scale 1" = 20'

Nest Egg No 1. Claim
Magnum Mining Corp.
Lemhi County Idaho
Sec. 3 & 4 T. 15 N. R. 21 E. B.M.
Scale 1" = 40'

April, 1957, HBN. U.S.G.S.

Note: Occurrences are about 3/4 mile apart.

Magnum No 1 Claim
Magnum Mining Corp.
Lemhi Co. Idaho

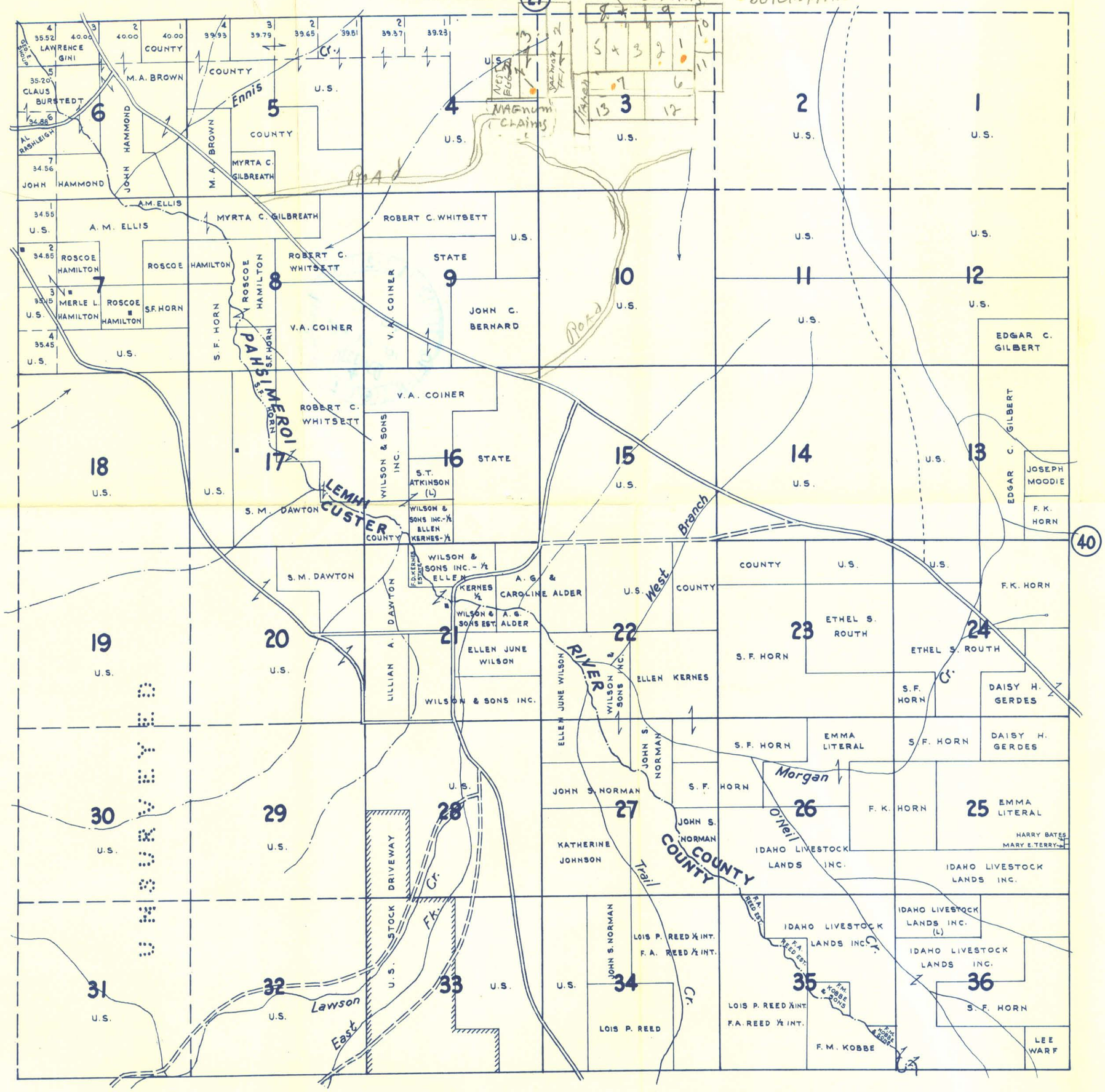
SCALE 2 IN. - 1 MILE

FOR SALE BY
CHAS. F. METSKER
514 S. W. OAK STREET, PORTLAND, OREGON
111 SOUTH 10TH ST., TACOMA, WASHINGTON
1020 THIRD AVE., SEATTLE, WASHINGTON

TOWNSHIP 15 N., RANGE 21 E. B. M.

LEMHI COUNTY, IDAHO

MAGNUM MINING CORP.
BOX 597, TOLEDO, ORE.



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INFERIOR ROADS
RAILROADS
DIRT ROADS
TRAILS
INTERMITTENT CREEKS
SCHOOLS (S)
STATE LAND LEASORS (L)