MME Form 9
Rev. Nov. 65

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

OFFICIAL DOCKET FILE

Contract No. _____ Docket No. 6765

Application
- [ ] Denied
- [x] Withdrawn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
- [ ] Application and Attachments

Right Side

- [ ] Project Summary (final)
- [ ] Work Completed Analysis (final)

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

- [ ] Field Team Semiannual 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) 7/7/70
- [ ] Settlement Sheets
- [ ] Drill Logs

Additional Folders:

Left Side

Folders No. _____: Reports

- [ ] Analysis of Semiannual Inspection Reports
- [ ] Project Summary (Interim) by MME Engineers

Right Side

- [ ] Field Team Semiannual 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

72195-65

MME FORM 6 REFERENCE SLIP

REV. 2-5 OFFICE OF MINERALS EXPLORATION

TO:	DATE	INITIALS
1. Chief, OME	12/16/68	
2. Re: Transmittal of Application for Assistance		
3. Geo-Mineral Exploration Company Murray Claim Okanogan County, Washington		
4.		
5. Willard P. Puffett		
FROM: Geologist	INITIALS	CODE

OFFICIAL COPY
O. M. E.
RECEIVED
DEC 18 1968

FOR: Check items for action desired

X Action	____ Reply for signature of	
____ Approval	____ Investigate	____ Surname
____ Comment	____ Recommendations	____ Signature
____ Conference	____ Rewrite	
____ Instructions	Your information	

REMARKS: The applicant will secure bids and also submit a new set of Lien and Subordination Agreements.

INT.-DUP. SEC., WASH., D.C. M56300-62

MME Form 40
Jan. 65

RECEIVED
DEC 5 1968
O. M. & M.

Budget Bureau No. 42-R1508
Approval expires Dec. 31, 1968

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR FINANCIAL ASSISTANCE IN MINERALS EXPLORATION

Pursuant to Public Law 85–701 (72 Stat. 700; 30 U.S.C. 641)

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

GEO-MINERAL EXPLORATION COMPANY

P. O. Box 321

REPUBLIC, WASHINGTON 99166

APPLICANT DO NOT USE THIS BLOCK

DOCKET NUMBER 6765

DATE RECEIVED 12/18/68

REGION I

DIVISION CODE

BUSINESS ORGANIZATION *(Check one)*

INDIVIDUAL
CORPORATION
PARTNERSHIP X
OTHER *(Specify)*

STATE IN WHICH FIRM IS ORGANIZED

LIST CORPORATE OFFICERS OR PARTNERS HERE, IF APPLICABLE

NAME	ADDRESS	TITLE
Paul J. Fisher	501 Third Ave., Seattle, Wash.	Chairman
David P. Chaney	1511-38th Ave. East. Seattle, Wash.,	Sect'y. & Treas
R. W. Glenny	P.O.Box 321, Republic, Wash.	Mgr.

MINERAL(S) FOR WHICH YOU WISH TO EXPLORE
SILVER

ESTIMATED COST OF PROJECT
$ 10,000.00

PROPERTY NAME	LOCATION COUNTY	STATE
Murray Claim	Okanogan	Washington

GENERAL INSTRUCTIONS

Before filling out this application, please read the *OME Regulations for Obtaining Federal Assistance in Financing Explorations for Mineral Reserves* (30 CFR Chap. III). 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 two 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 2, existing mine workings and geology in item 3, and the proposed exploration work in item 5. 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 3(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 Office of Minerals Exploration, Department of the Interior,* ~~Washington 25, D. C. or with the nearest OME Field Office~~ Washington, D. C., 20242, or with the nearest OME 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, and that he would not ordinarily undertake the proposed exploration under current conditions and circumstances at his sole expense.

December 3, 1968
DATED

R. W. Glenny
BY *(Signature)*

Manager
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. Financial Eligibility:

(a) Submit evidence of efforts made within 90 days preceding the filing of this application to obtain credit from your bank of account and at least one other banking institution or other private source of credit. Such evidence shall include true copies of correspondence which show: (1) date of loan request, (2) amount and terms requested, (3) proposed use of loan funds, and (4) the replies from credit sources. If the loan was offered under terms which you consider unreasonable, state why you consider them so.

(b) List names and addresses of affiliated, parent, or controlling companies or organizations and state extent and nature of their interest.

(c) State how you propose to furnish your share of the cost of the exploration work.

2. Applicant's Rights in Land:

(a) State your interest in the land and mineral rights, whether owner, lessee, purchaser under contract, or other. If you are not the owner, submit one true copy of the lease, contract, or other document (with address of owner) under which you control the property. Describe all liens, mortgages, or other encumbrances on the land and state book and page number and official place where recorded.

(b) 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 adjacent land which you own or control. Describe any part of the land or workings which should not be subject to Government royalty and liens. If the land consists of unpatented claims, state book and page number for each recorded location notice, including amended locations, and official place where recorded. State all the names by which you know the property.

(c) For all land or mineral rights encumbered or not owned, submit five copies of Lien and Subordination Agreements on MME Form 52. If the agreements cannot be obtained, state reasons and provide copies of letters of refusal.

3. 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 land. Include existing mine workings and all production facilities.

(b) State your interest, if any, in operations described in (a).

(c) State, if 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, giving quantities and grades and sampling methods used. Support 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 have, indicating whether you require their return.

4. Accessibility of Property:

(a) To aid the OME representative who may examine the property, state name and address of person who will meet him; give directions for reaching the property; and describe accessibility of property and of any mine workings.

(b) Name the shipping and supply points and state the distances to the property.

5. Exploration Work:

(a) Describe fully the proposed exploration work giving individual footages and sizes of openings *for each item of work.* Use narrative, maps, plans, and sections as necessary. Show 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 *land boundaries* or to the closest identifiable corner.

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

(c) If an OME contract is executed, state how soon thereafter work would be started and finished. State your anticipated average daily or monthly rate of progress for each type of work.

6. Experience:

State your operating experience and background to conduct this exploration work and also that of the person who will supervise the work.

7. Estimate of Costs:

Furnish detailed estimates of the necessary costs *for each item of the work proposed in 5(a)* under the headings listed below with a total for each heading and the estimated total cost of the work. Costs for any work to be performed by an independent contractor should be listed separately under category (a) below. Costs for any work that is not to be performed by an independent contractor should be listed under categories (b) through (g).

(a) Independent contracts. State the total cost of any proposed independent contract for all or any part of the work, and the number of units and the unit cost for each type of work, such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, or 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. The cost of supervision, engineering and geological services, outside consultants, and labor should be itemized by numbers and classes of employees; rates of wages, salaries or fees; and periods of employment. State whether these services are available.

(c) Operating materials and supplies. List items of material and supplies giving quantity and cost of each. 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 equipment and tools costing $50 or more per unit. Give specifications and indicate how each item is to be acquired—i.e., rented, purchased or provided by the applicant. If rented or purchased, state the estimated rental or purchase price. If furnished by the applicant, state condition and present fair market value.

(e) Initial rehabilitation and repairs. Describe the type and the cost of *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 in the exploration work.

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

(g) Miscellaneous. Describe the type and estimate the cost of repairs and maintenance of the operating equipment listed in 7(d). Do not repeat initial repairs listed in 7(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*—The Government will not contribute to costs incurred before the date of the contract, or to costs of or incident to: (1) acquiring, using, or possessing land and any existing improvements, facilities, buildings, installations, and appurtenances, or the depreciation and depletion thereof; (2) general overhead, corporate management, interest and taxes (other than payroll and sales taxes); (3) insurance (other than employees' liability insurance); and (4) damages to persons or property (other than authorized repair to or replacement of equipment or other property used in the work).]

GEO-MINERAL EXPLORATION COMPANY

APPLICATION FOR FINANCIAL ASSISTANCE IN MINERAL EXPLORATION

FINANCIAL ELIGIBILITY:

(a) See Exhibit "A" letters from Bank.
(b) No affiliated, parent or controlling Companies.
(c) Each partner will be assessed, if necessary, so that our share of the cost of exploration work will be placed in escrow, if and when our OME application is approved.

2. APPLICANT'S RIGHTS IN LAND:

(a) Geo-Mineral Exploration Company has a lease on the unpatented Murray Claim, located in Okanogan County, Sections 28 and 33, Township 34 N, Range 24 E. Exhibit "B" shows a true copy of the lease under which Geo-Mineral Exploration Company controls the property. There are no liens, mortgages or other emcumbrances on said Murray Claim.

(b) The land which we want to explore, at this time, is the Murray Claim located in Sections 28 and 33, Twp. 34 N, Range 24 E., Okanogan County, filed and recorded in Book 16 Page 83 in the Okanogan County Auditor's Office, Okanogan, Washington.

The adjacent land which is controlled by Geo-Mineral Exploration Company consists of eleven unpatented claims plus 600 acres of State School land which we have secured a mineral prospecting lease. Exhibit "C" is a map showing the property which Geo-Mineral Exploration Company controls adjacent to or surrounding the Murray Claim. The Murray claim group is filed and recorded in the Okanogan County Auditor's Office, Okanogan, Washington as follows:

Murray clain No. 2	Book 18	page 373
Murray claim No. 3	Book 18	page 375
Murray claim No. 4	Book 18	page 377
Murray claim No. 5	Book 18	page 379
Murray claim No. 6	Book 18	page 381
Murray claim No. 7	Book 18	page 383
Murray claim No. 8	Book 18	page 385
Murray claim No. 9	Book 18	page 387
Murray claim No. 10	Book 18	page 389
Murray claim No. 11	Book 18	page 391
Murray claim No. 12	Book 18	page 393

Exhibit "D" is a true copy of the State School Land Lease.

(c) MME Form 52 attached.

3. PHYSICAL DESCRIPTION:

(a) Exploration operations on the Murray Claim was done years ago (1910). No ore was ever shipped from said mine. All exploration work is illustrated with maps and sketches by R. M. Grantham, Mining Geologist. (See sketch showing "plan of mine workings and under ground Geology").

(b) None other than opening portals of tunnels and cleaning and pumping of shaft and winze.

(c) No production.

3. Physical Description

d. Ore Reserves: Present development is insufficient to delineate a "block" or "shoot" of ore, although some samples indicate ore values.

e. Geologic Features: The silver-bearing, quartz vein on the property occurs in granitic rocks which are part of the Okanogan Batholith, which is extensively exposed for many miles in all directions. On the Washington State Geologic map of 1961, these granitic rocks are correlated with similar, widely exposed rocks making up the major portion of the bedrock of the northeastern Cascade Mountains and the Okanogan Highlands. The similarity of these widely occurring rocks has led to the generally held view that they are all part of a contiguous, Mesozoic batholithic intrusion.

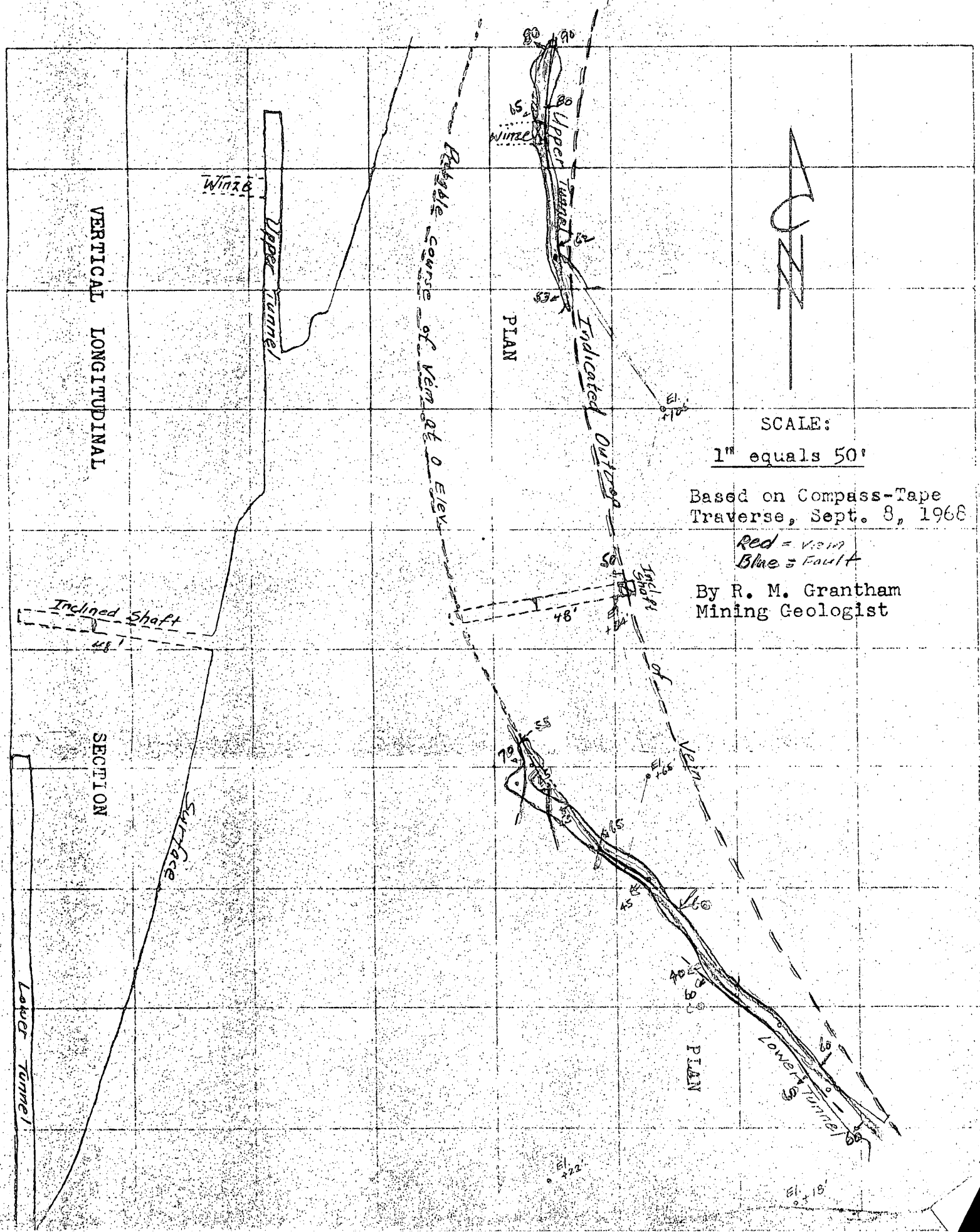
The principal vein is a persistent quartz vein ranging from 1 to 6 feet in width, which is developed over a length of 500 feet by two tunnels 200 feet apart, totalling 300 feet and an intervening, 50 foot inclined shaft. The maximum depth on the vein is exposed at the face of the lower tunnel (75 feet), and a depth of 50 feet is reached by the face of the upper tunnel and the bottom of the inclined shaft. These relations can be seen on the attached PLAN OF MINE WORKINGS and VERTICAL LONGITUDINAL SECTION

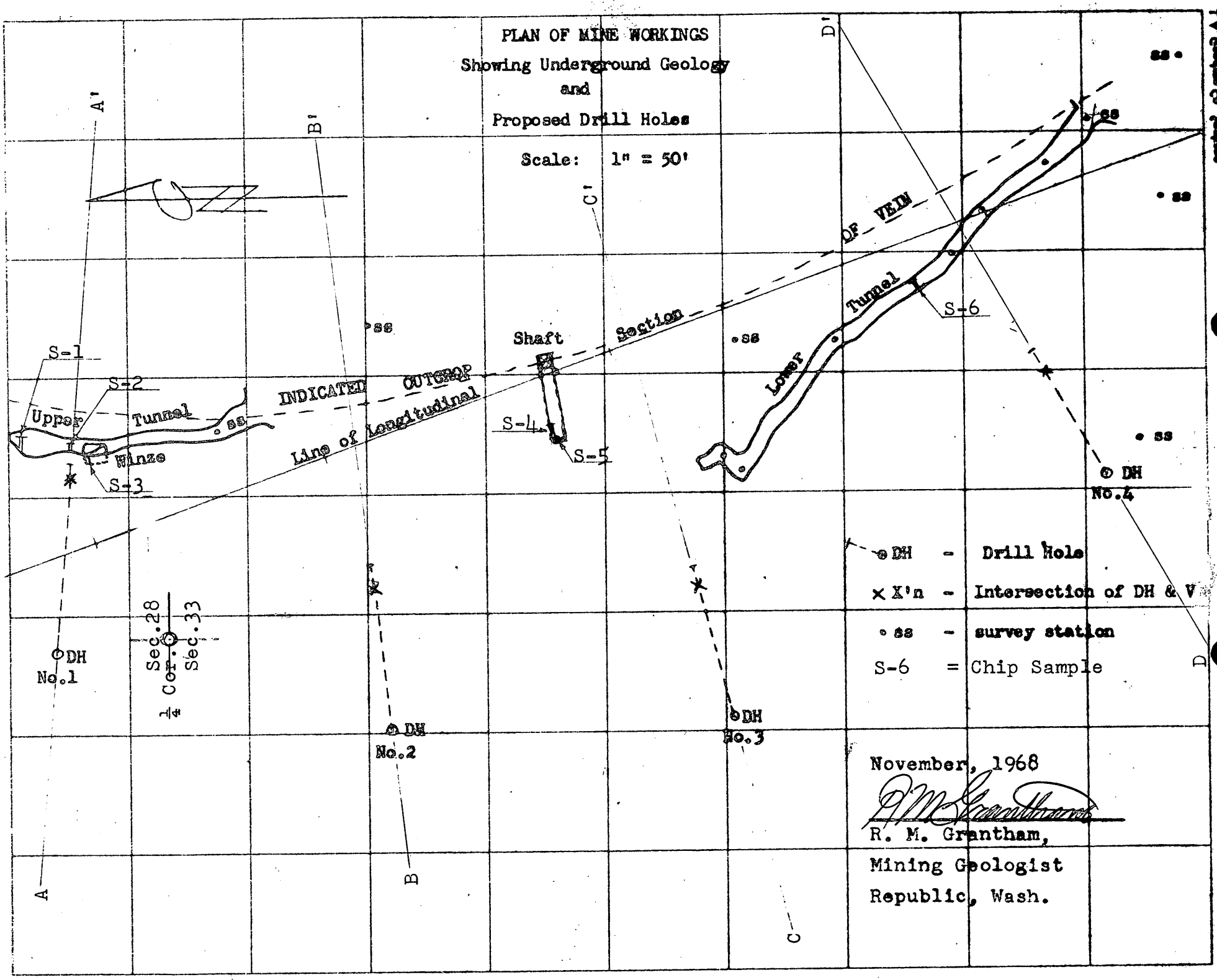
In clean vein exposures underground, several streaks of dark sulphide minerals can be seen. Under a hand lens, these appear to consist of a mixture of pyrite, galena and tetrahedrite? The presence of the last named mineral is presumed from its appearance and the silver-copper content and ratios as revealed by assays. Assays also show a very small amount of gold, but so far indicate that all the significant values are in silver.

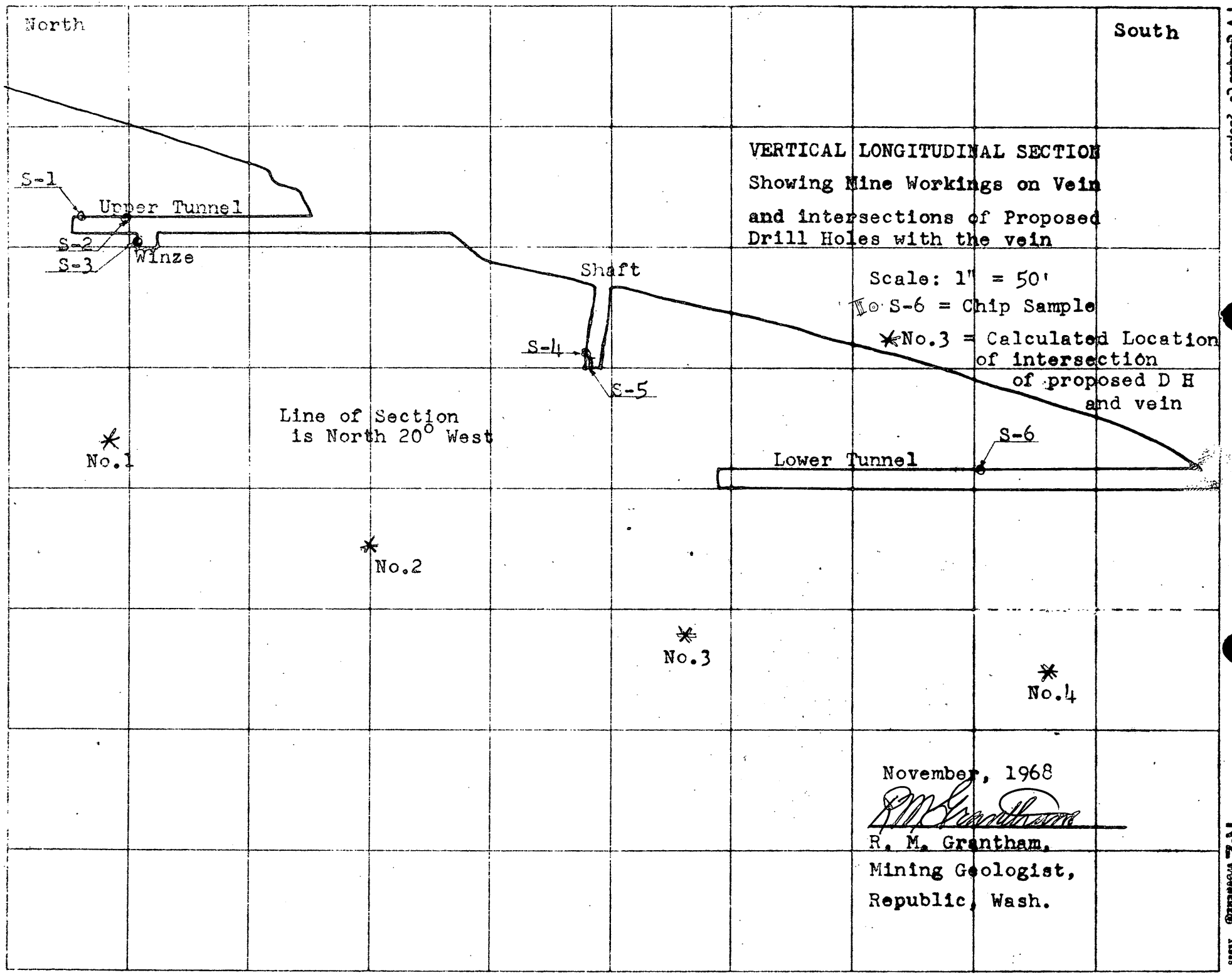
f. Reasons for expecting ore: Present mine workings demonstrate that the vein is persistent over a length of more than 500 feet and that it contains significant silver values wherever sampled. The present depth of development is shallow (a maximum of 75 feet), and some leaching of the values probably has occurred to these limited depths. On this basis, there is reason for some optimism that the silver values will increase at depths where the primary minerals have not been affected.

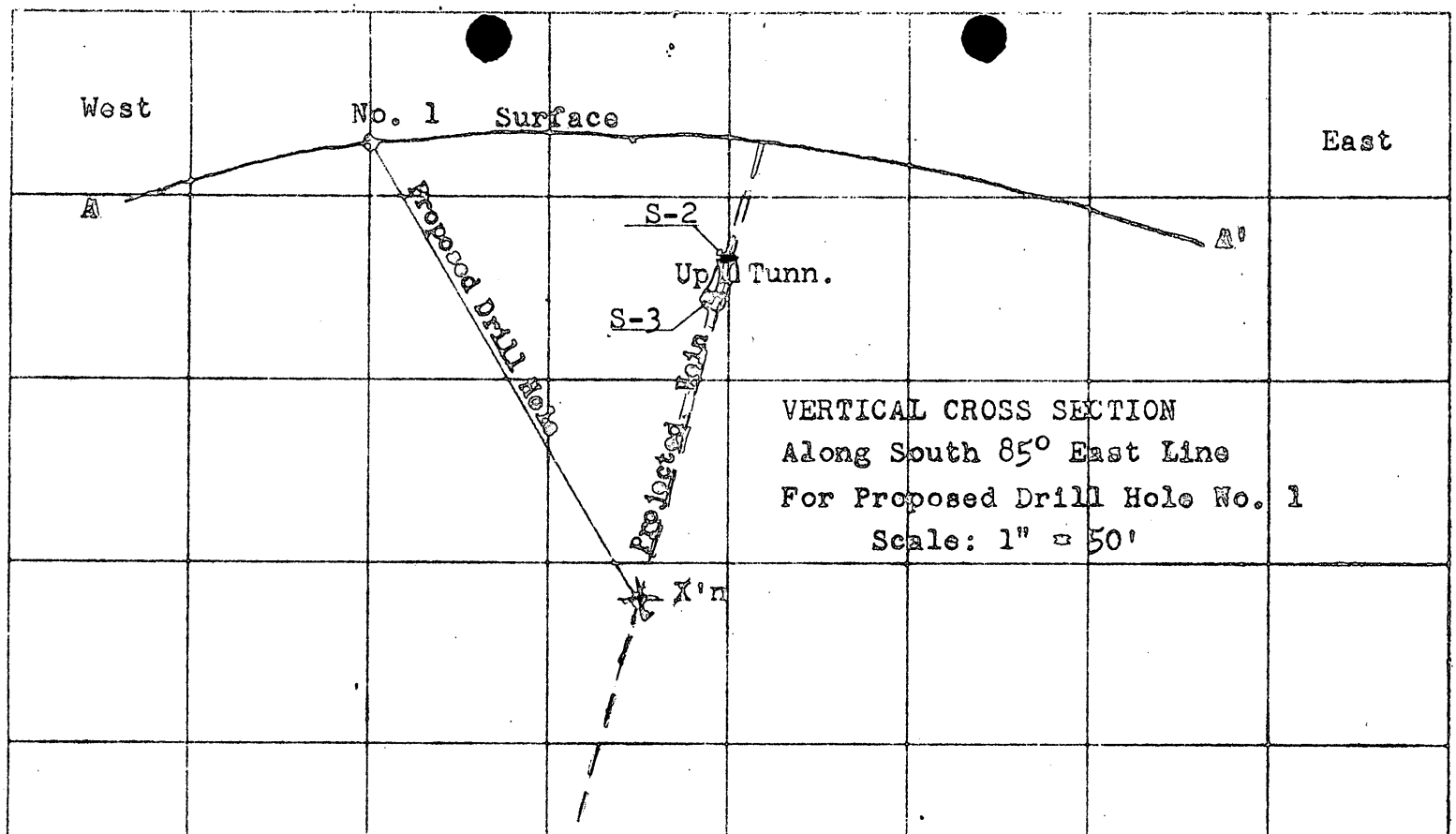
There is also the possibility that the mine workings are at the "top" of a structural "ore shoot" wherein the vein widens and the mineralization is correspondingly stronger.

R. M. Grantham

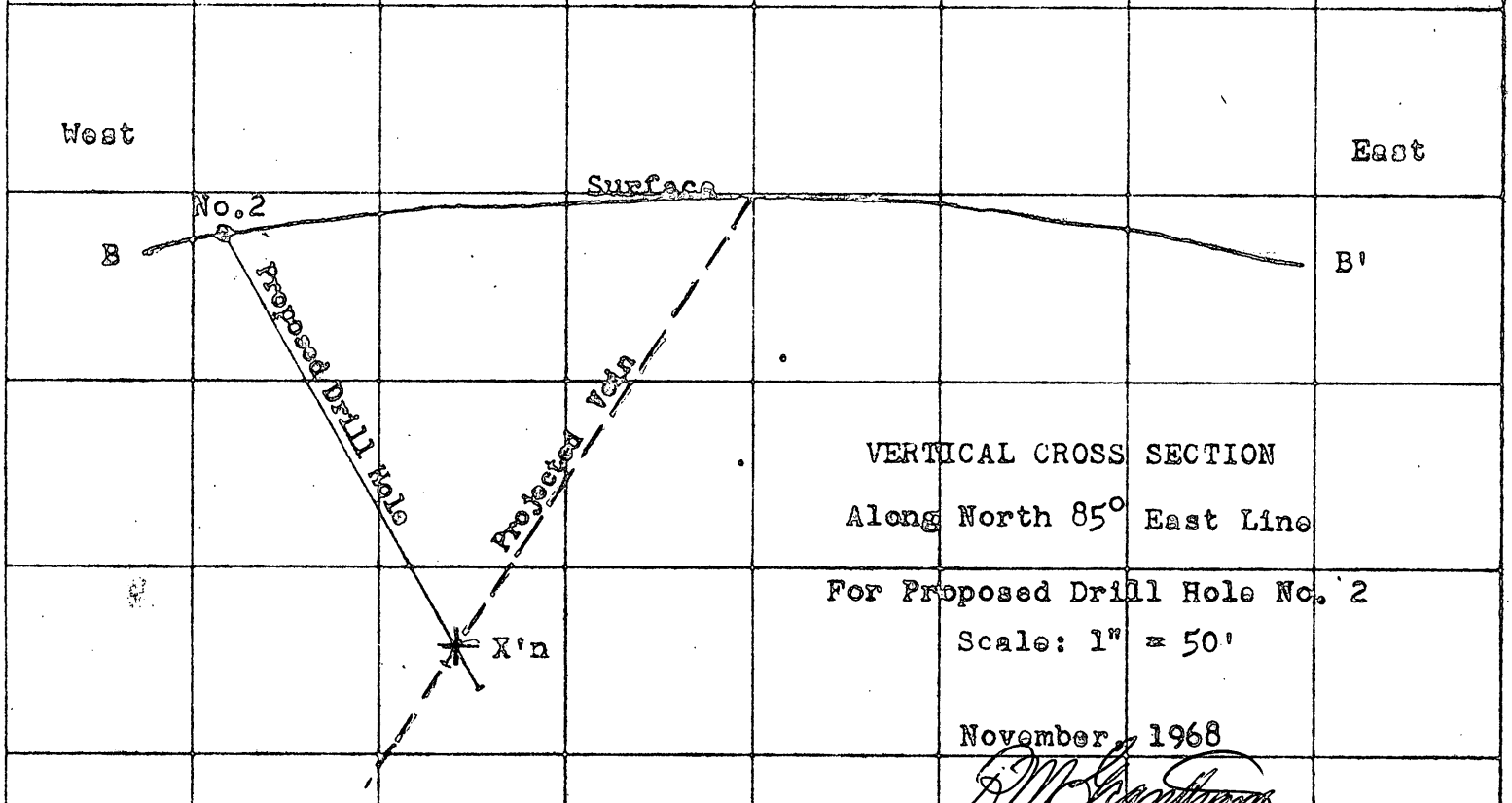

VERTICAL LONGITUDINAL SECTION
Winze
Upper Tunnel
Inclined Shaft
48'
Surface
Lower Tunnel
PLAN
Winze
Upper Tunnel
Probable Course of Vein at 0 Elev.
Indicated Outcrop of Vein
Incl. Shaft
48'
PLAN
Lower Tunnel
SCALE:
1" equals 50'
Based on Compass-Tape Traverse, Sept. 8, 1966
Red = Vein
Blue = Fault
By R. M. Grantham
Mining Geologist


PLAN OF MINE WORKINGS
Showing Underground Geology
and
Proposed Drill Holes
Scale: 1" = 50'
A'
B'
C'
D'
A
B
C
D
S-1
S-2
S-3
S-4
S-5
S-6
Upper Tunnel
Winze
INDICATED OUTCROP OF VEIN
Line of Longitudinal Section
Shaft
Lower Tunnel
ss
DH No.1
DH No.2
DH No.3
DH No.4
Sec.28
Sec.33
1/4 Cor.
DH - Drill Hole
X'n - Intersection of DH & V
ss - survey station
S-6 = Chip Sample
November, 1968
R. M. Grantham,
Mining Geologist
Republic, Wash.


North
South
S-1
Upper Tunnel
S-2
S-3
Winze
Shaft
S-4
S-5
Line of Section
is North 20° West
No.1
No.2
No.3
No.4
S-6
Lower Tunnel
VERTICAL LONGITUDINAL SECTION
Showing Mine Workings on Vein
and intersections of Proposed
Drill Holes with the vein
Scale: 1" = 50'
S-6 = Chip Sample
No.3 = Calculated Location
of intersection
of proposed D H
and vein
November, 1968
R. M. Grantham,
Mining Geologist,
Republic, Wash.



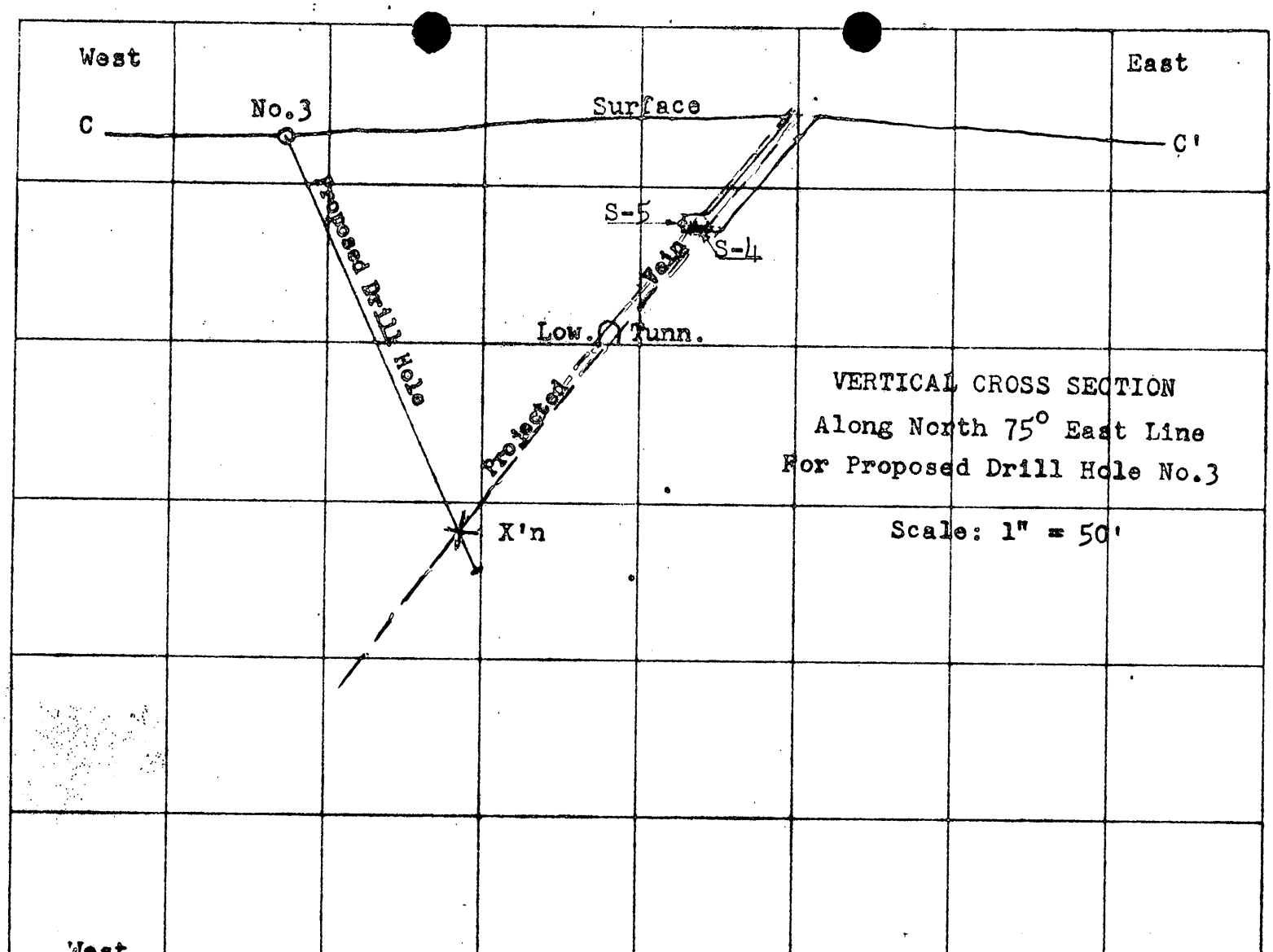
VERTICAL CROSS SECTION
Along South 85° East Line
For Proposed Drill Hole No. 1
Scale: 1" = 50'



VERTICAL CROSS SECTION
Along North 85° East Line
For Proposed Drill Hole No. 2
Scale: 1" = 50'

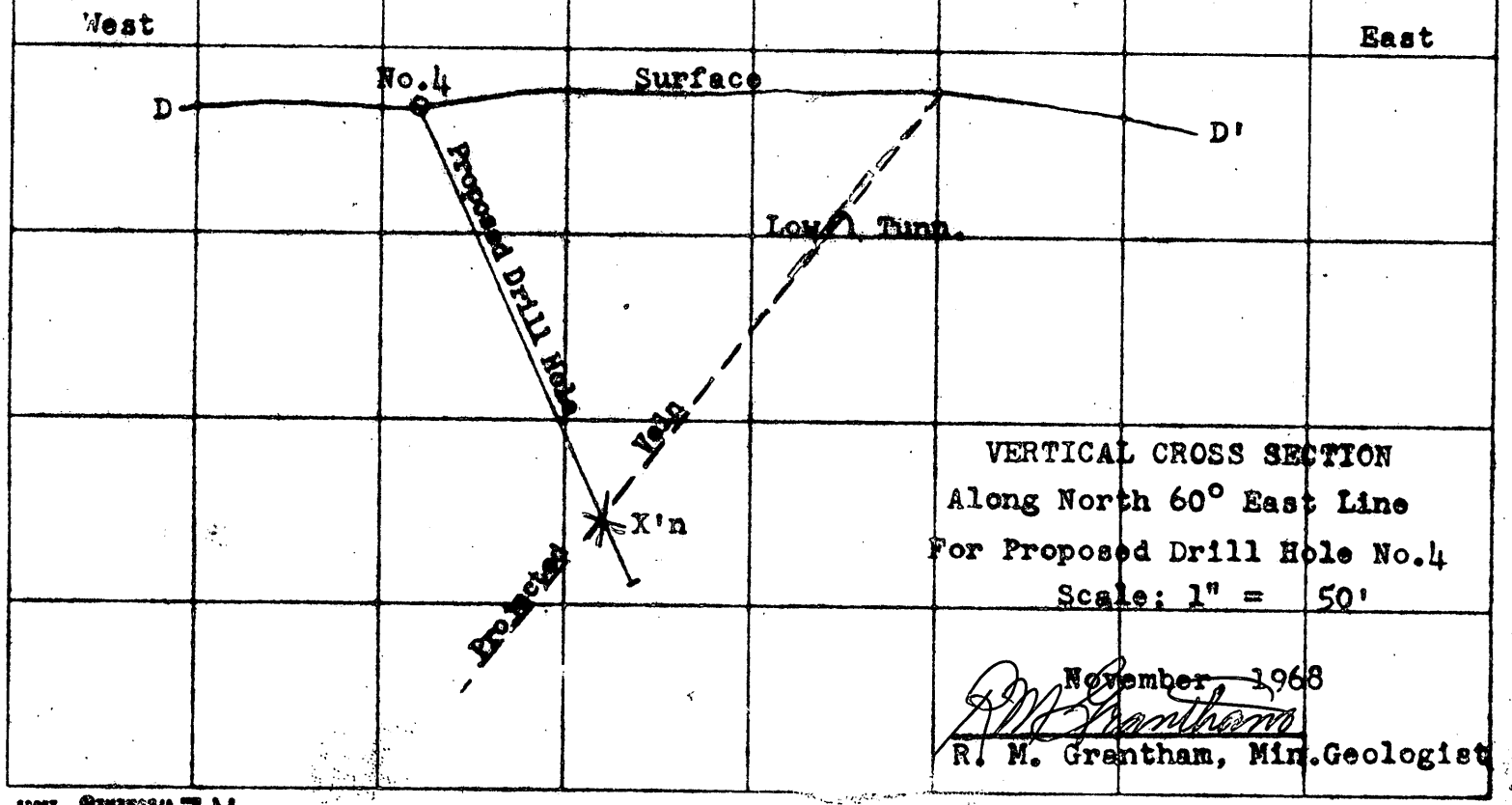
November, 1968

R. M. Grantham,
Mining Geologist,
Republic, Wash.



VERTICAL CROSS SECTION
Along North 75° East Line
For Proposed Drill Hole No.3

Scale: 1" = 50'



VERTICAL CROSS SECTION
Along North 60° East Line
For Proposed Drill Hole No.4
Scale: 1" = 50'

November 1968

R. M. Grantham, Min.Geologist

Sampling: Chip samples of the vein were taken in six different localities and are designated on the attached PLAN and LONGITUDINAL SECTION by the marks S-1 through S-6. Samples S-1 and S-2 were taken from the back of the upper tunnel and S-3 was taken from the winze about 5 feet below the floor of the upper tunnel. Samples S-4 and S-5 were taken from the north wall and west face respectively of the inclined shaft, approximately 45 feet (slope distance) below the surface. Sample S-6 was taken from the back of the lower tunnel, about 100 feet in from the portal.

TABULATED SAMPLE DATA

Sample Number	Width in feet	Ounces Gold	Ounces Silver
S-1	5.0	0.01	3.6
S-2	3.0	0.01	7.9
S-3	4.0	0.005	15.4
S-4	4.0	0.02	22.4
S-5	5.0	Tr	9.2
S-6	4.0	Tr	11.6

See Exhibit F

Weighted Average = 11.4 oz. per ton

4. ACCESSIBILITY OF PROPERTY

(a) R. W. Glenny, Republic, Washington, phone 775-3355 will meet you at Okanogan, Washington and will transport you to the Murray claim. The property is reached by going 15 miles from Okanogan on State Highway No. 20 to a point about 5 miles east of the Loup Loup Summit, thence North about 3 miles by Forest road along the Sweat creek drainage.

(b) Okanogan, Washington would be the shipping and supply point which is approximately 18 miles.

R. M. Grantham

5. Exploration Work

a. Proposed Exploration: This work would consist entirely of diamond drilling, which would include 4 holes of approximately 150 feet each, for a total of 600 feet. The locations, inclinations and calculated vein intersection points of these holes are shown on the attached PLAN, LONGITUDINAL SECTION and CROSS SECTIONS. Also as shown, these holes would be collared west of and within 150 feet of the mine workings and would be drilled eastward towards the vein at inclinations of minus 60 and 65 degrees.

The purpose of this drilling is to intersect and thus test the vein at depths of 75 to 100 feet below the mine workings with the reasonable expectation that one or more of the vein intersections will contain commercial silver values over a minable width. The length of vein encompassed by the drill holes is a little over 400 feet, with an average interval of 150 feet between holes. This interval was selected because it is felt that this is a minimum length of ore necessary to make mining commercial. Except for a few feet of overburden and the quartz in the vein, the drilling is all expected to be in granite.

The mine workings and proposed drill holes are located in the south central part of Sec. 28 and north central part of Sec. 33, Township 34 N, Range 24 EWM in Okanogan County, Washington. The $\frac{1}{4}$ corner between the south boundary of Sec. 28 and the north boundary of Sec. 33 is about 80 feet west of the upper tunnel and is permanently established and marked on the ground.

b. Access road approximately 2000 ft.long, level, remove rocks and debris. Minimun work to make it passable. Proposed location shown in green on "Exhibit "C".

c. Work could begin as soon as Diamond Driller would be available. Estimated time to complete work would be 30 days.

R. M. Grantham

6. EXPERIENCE:

R. W. Glenny will conduct the exploration work and R. M. Grantham, Mining Geolgist for the Knob Hill Mines, Republic, Washington, will supervise the work.

The operating experience of R. W. Glenny is as follows:

1. Have done prospecting and exploration work in Ferry and Okanogan County for the past 10 years.
2. For the past 2½ years I worked with the Ralph M. Parsons Company doing Geochemical annalasis, taking soil samples, plotting and graphing results. Furnished Supervision of drilling and core logging under the direction of The Ralph M. Parsons Company representative of R. W. Wells, company Geologist. Exhibit "E" copy of my last contract The Ralph M. Parsons Company.

7. ESTIMATE OF COSTS:

(a) Independent Contracts:

Four diamond drill holes, 150 foot each plus water haul and four settings - - - - - - - - - - - -	$7,200.00
Bulldozer @ $30.00 per hour for building road and preparing four drilling locations - - - -	600.00

(b) Personal Service:

Supervision, 30 days @ $40.00 per day - - - - - - - -	1,200.00
Geologist, 10 days @ $50.00 per day - - - - - - - - -	500.00

(c) Operating material and supplies:

40-core boxes @ $3.50 each - - - - - - - - - - - - - -	140.00
Assays - 50 samples @ $6.00 each - - - - - - - - - -	300.00

(d) NONE
(e) NONE
(f) NONE

(g) Miscellaneous:

Incidentals -	60.00
Total	$10,000.00

"Exhibit A"

15 November, 1968

National Bank of Commerce
Third and James Branch
Seattle, Washington

Attn: Loan Department

Gentlemen:

I am a partner in Geo-Mineral Exploration Company and would like to obtain a loan of $12,000 for a diamond drilling program to prove the quantity and value of an ore vein. I have enclosed a copy of our lease and a copy of the geological information that we have obtained on this property. We do own the lease and the prospects appear quite favorable for a successful sale once we have determined the availability of theore.

Would you please respond by return mail indicating whether or not you will approve a loan for these purposes.

Sincerely yours,

PAUL J. FISHER

PJF/lm
enc.

"Exhibit A"

area code 206 MAin 2-0101

Third and James Branch....609 THIRD AVENUE, SEATTLE, WASHINGTON 98104

November 29, 1968

Paul J. Fisher
501 Third Avenue
Seattle, Washington 98104

Dear Mr. Fisher:

Thank you for your letter of November 15. We are sorry but we cannot approve your loan application on the basis presented.

We appreciate your consideration in offering us this loan request.

Sincerely,

Seymour T. Anderson

Seymour T. Anderson
Manager

STA:TW

Updated by ltr from bank dtd 12/3/69

NB of C

"Exhibit A"

15 November, 1968

Seattle First National Bank
Queen Anne Branch
400 Queen Anne Avenue
Seattle, Washington

Attn: Loan Department

Gentlemen:

I am a partner in Geo-Mineral Exploration Company and would like to obtain a loan of $12,000 for diamond drilling program to prove the quantity and value of an ore vein. I have enclosed a copy of our lease and a copy of the geological information that we have obtained on this property. We do own the lease and the prospects appear quite favorable for a successful sale once we have determined the availability of the ore.

Would you please respond by return mail indicating whether or not you will approve a loan for these purposes.

Sincerely yours,

PAUL J. FISHER
pjf/lm
enc.

QUEEN ANNE BRANCH
SEATTLE-FIRST NATIONAL BANK
ESTABLISHED 1870

SEATTLE, WASHINGTON 98109

HENRY G. RUNKEL, JR.
Manager

"Exhibit A"

November 22, 1968

Mr. Paul J. Fisher
Attorney
501 Third Avenue
Seattle, Washington 98104

Dear Mr. Fisher:

We received your loan application requesting $12,000 for mineral explorations and are sorry to inform you that this type of loan is of no interest to us. We have no source of repayment other than the fact that they might discover minerals which, if eventually mined, would be the only source of repayment. Perhaps the Small Business Administration might be interested in a program of this type when they again have funds to loan.

Very truly yours,

Henry G. Runkel, Jr.
Manager

HGR:hs

Sales by
Oth Dtd 12/4/69

"Exhibit B"

MINING LEASE AND OPTION AGREEMENT

This Mining Lease Agreement, dated the 30TH day of August, 1968 is made and entered into by and between WM. B. HELPHREY AND MAE E. HELPHREY, husband and wife, of Curlew, Washington, ("Lessor") and GEO-MINERAL EXPLORATION COMPANY ("Lessee")

In consideration of the sum of one Dollar ($1.00) in hand paid by Lessee to Lessor, receipt of which is hereby acknowledged by Lessor, and of the parties' mutual covenants herein contained, it is hereby agreed by and between the parties hereto as follows:

1. Lessor hereby leases unto Lessee the following described unpatented mining claim:

"Unpatented mining claim located in Okanogan County, Washington, known as the Murray Claim situate in Section 33 of the NW¼ and Section 28 of the SW¼SE¼, Township 34N, Range 24 E.,"

Quote in here & sign

together with all singular the mine, minerals, lodes and veins within the lines of said claims and their dips, spurs and angles, and all extra-lateral and other rights, privileges and appurtenances thereunto in anywise belonging, including all easements, right-of-way, water and water rights pertaining to or connected with any of such claims, for a term commencing the date hereof and expiring September 1, 1969, upon the terms and conditions hereinafter provided.

2. Option. Lessee shall have an option to extend the expiration date of this lease for an additional term of five (5) years from September 1, 1969 by notice in writing to Lessor no later than thirty (30) days prior to September 1, 1969 of exercise by Lessee of this option and the payment of minimum advance royality in accordance with paragraph three (3) hereof. In addition to the foregoing term periods of this lease, it is

agreed that should Lessee exercise its option to renew for the second five (5) year term by notice in writing to Lessor no later than ninety (90) days prior to September 1, 1974 and during such term shall operate the property upon a producing basis it shall, in such event only, have the option of renewing this lease for the life of the mine. If the lease is extended according to the terms of this paragraph and if no production has been derived from the subject mining claims by the sixth anniversary date of the extended lease (September 1, 1975), the minimum advance royalty in accordance with paragraph three (3) hereof shall be advanced to Three Thousand Dollars ($3000.00) per year.

3. Royalty. Lessee shall pay to Lessor at time of notice of exercise of option to extend this lease, and on the same date in each succeeding year the sum of One Thousand Dollars ($1,000.00) as a minimum advance royalty unless this amount has been expended for exploration or development work on the subject claims during the preceding twelve months. The above mentioned payment or an equal amount expended for exploration or development work shall continue until such time as production commences from one or all of the subject claims. After the commencement of production, Lessee shall pay to Lessor an amount equal to seven percent (7%) of the net smelter returns by the Lessee from the operation of the subject claims during the preceding calendar year less the total amount of Minimum advance royalties paid during or to said preceding calendar year and not previously taken as deductions from royalties based on net smelter returns. The net smelter and/or mint returns within the meaning of this lease shall be the returns as shown by the liquidation sheet furnished

to Lessee by the purchaser of the output of the leased property. Said returns shall be considered as the actual payment made by the purchasers of any products from the leased property after the said purchaser has deducted from the value of the shipments the railway freight, the usual minting or smelting charges, and deductions for slag loss.

4. Lessors' Warranty. Lessor represents and warrants that he is the owner of the subject unpatented claim free and clear of all liens, claims and encumbrances of any kind and that the subject claim is free and clear of all conflicting, adverse and overlapping mining claims or any other claims of ownership to the best of said Lessors knowledge.

5. Improvements. Lessee shall have the right, at its own expense, to install, construct or place upon the site of the subject claims all such structures and other improvement, machinery and equipment as it may deem necessary, desirable or appropriate. All work upon said mining claims by Lessee will be done in accordance with acceptable mining practices and will comply with all State and Federal Safety Regulations. Lessee shall also have the right to remove from the site of the subject claims, at any time during the term of this lease or within ninety (90) days after any termination thereof, any and all such structures, machinery, equipment and other improvements (except any underground timbers) which it may have installed, constructed or placed thereon.

6. Inspection of Property and Records. Lessor, or his designated representative, shall have the right at all reasonable times to enter at his or their own risk, in and upon the site of the subject claims and any working thereon for the purpose of examining and inspecting the same. Lessor, or his designated representative, shall also at all reasonable

agreement; provided, that in event of any dispute as to the amount of royalty payable, the same shall not be deemed due until ten (10) days after the dispute is resolved by mutual agreement or by arbetration. Should Lessee fail in any other respect to comply fully with any of the other terms of this lease and should Lessor notify Lessee of such default in writing, then if Lessee fails, within sixty (60) days after receipt of such notice of default, to commence to rectify such default and thereafter continue with due diligence to rectify the same until the default is as fully cured as possible, Lessor may terminate this Lease at any time thereafter during the continuance of the default. Any termination of this Lease by Lessor under this paragraph shall be effected by giving written notice of such termination to Lessee.

11. Exploration and Mining. The Lessee shall commence and thereafter may in their own manner explore the said mining claims for mineral contents; the Lessee agrees to conduct said exploration and testing in a diligent manner. If the exploration and testing does show valuable minerals and ores in commercial quantities, the Lessee will notify the Lessors of their intention to proceed further hereunder and to conduct mining operations on the property; the Lessee shall then commence development and mining, and agree to diligently pursue the same and to proceed to mine diligently and according to good mining practices. Reasonable delays may be allowed for factors over which Lessee have no control, such as inclement weather, acts of God, and strikes.

12. Taxes. All taxes, including any production taxes, ad valorem taxes, assessments and other burdens validly levied or asserted by any legally constituted public authority against said claim(s) during the term of this lease, shall be paid in full and as due solely by the Lessor and shall be reinbursable by the Lessee within thirty (30) days after pre-

sentation of the receipted tax statement.

13. All bills and expenses incurred by the Lessee or those in privity with them shall be promptly paid by the Lessee and by such prompt payment the Lessee shall prevent the filing of any and all liens against the subject mining claims for or on account of labor, supplies, materials, equiment or services furnished or performed.

14. Lessee shall have the right to Terminate. Lessee shall have the right to terminate this Lease in its entirety on any anniversary date by giving written notice of termination to Lessor. In the event of any such termination, Lessee's sole obligation and liability to Lessor shall be to make any payment due Lessor and unpaid on the date of termination. Within ninety (90) days after the effective date of any such termination, Lesse shall execute and deliver to Lessor a recordable quitclaim deed to the subject claims, as well as all basic data derived from exploration work performed during the term of this Lease.

15. Option Agreement. The Lessor hereby grants the Lessee an option, Commencing on September 1, 1968 and expiring on September 1, 1971, to purchase the unpatented mining claim described hereinabove. Lessor Lessor agrees to execute to the Lessee a good Warranty deed or Mining deed to said mining property and to furnish therefor an abstract of title showing said title to be perfect, upon demand therefor. Upon execution of said deed and abstract, the Lessor shall be paid the sum of Twenty five Thousand Dollars as full payment of the purchase price os said mining property.

16. Miscellaneous. This written Lease contains all representations

and the entire agreement between the parties hereto, and it may not be amended except in writing. This agreement shall inure to the benefit of, and shall be binding upon, the respective heirs, personal representatives, successors and assigns of each of the parties hereto.

IN WITNESS WHEREOF, the parties hereto have executed this Lease this day and year above written.

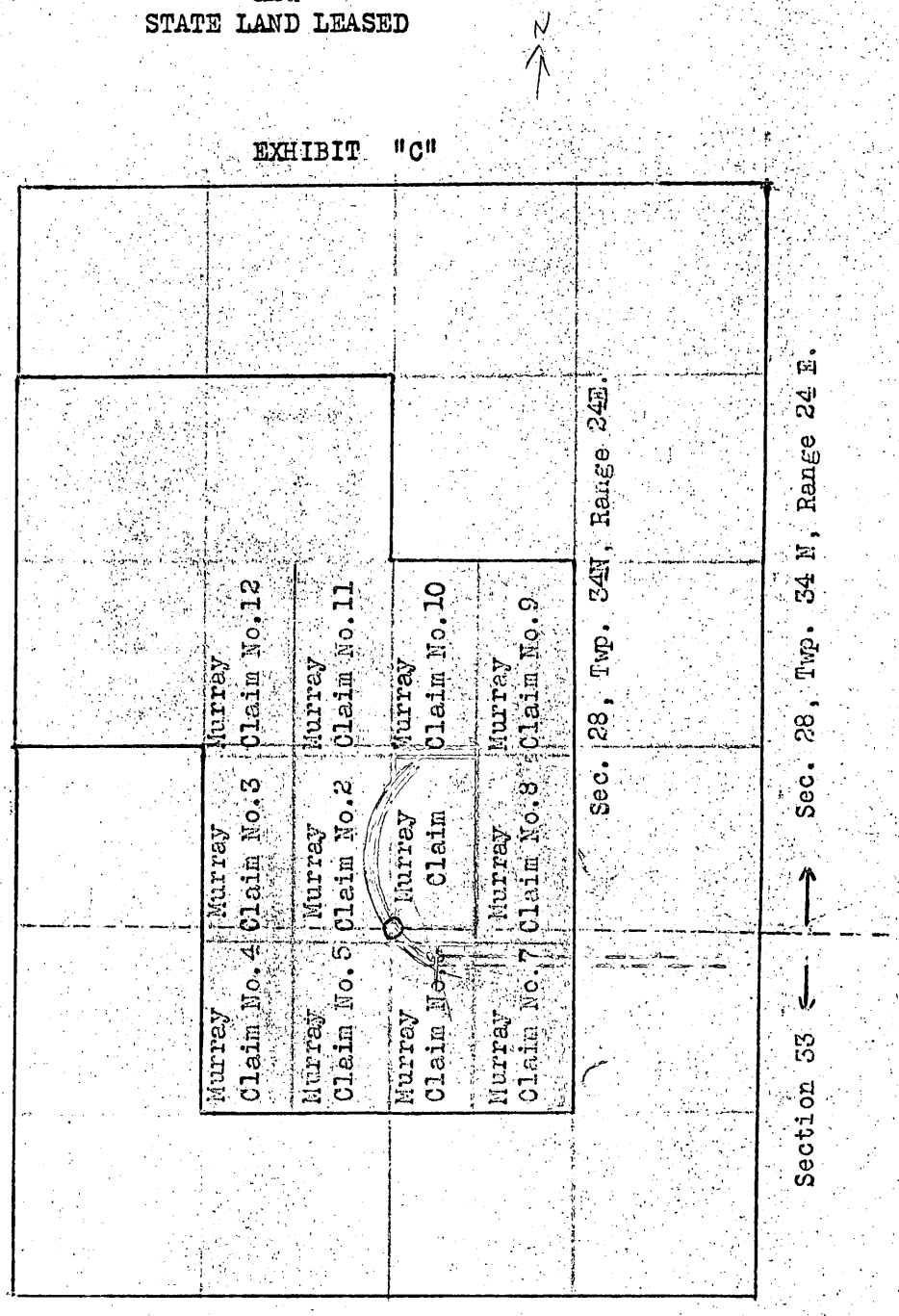
Wm. B. Helphrey
Mae E. Helphrey
Lessor

GEO-MINERAL EXPLORATION COMPANY

By _____
Lessee

MURRAY CLAIM GROUP
and
STATE LAND LEASED

EXHIBIT "C"



U. S. Forest Land

State School Land Leased

STATE OF Washington)
COUNTY OF Ferry) SS.

On this 30 day of Aug, 1968, before me, the undersigned, a Notary Public in and for said County and State, personally appeared Wm. B. Helphrey Mae B. Helphrey, known to me to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same.

WITNESS my hand and official seal.

(SEAL)

Ed M. Walter
Notary Public
in and for said County and State

My Commission Expires Sept 28, 1969.

STATE OF Washington)
COUNTY OF Ferry) ss.

On this 30 day of Aug, 1968, before me, the undersigned, a Notary Public in and for said County and State, personally appeared Ru Flenny, Geo-Mineral Exploration Company, KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE WITHIN INSTRUMENT, and acknowledged to me that He executed the same.

WITNESS my hand and official seal.

(SEAL)

Ed M. Walter
Notary Public
in and for said County and State

My Commission expires Sept 29, 1969.

Exhibit "D"

STATE OF WASHINGTON
DEPARTMENT OF NATURAL RESOURCES
Bert L. Cole
Commissioner of Public Lands

MINERAL PROSPECTING LEASE NO. 59108

This mineral prospecting lease, made and entered into this 28th day of October, 19 68, by and between the state of Washington, acting by and through the Department of Natural Resources, hereinafter called state, and GEO-MINERAL EXPLORATION COMPANY, hereinafter called lessee,

WITNESSETH:

That the state leases to the lessee the following-described School land, in Okanogan County, Washington, on the terms and conditions stated herein, to wit:

NE¼, N½ NW¼, SW¼ SW¼, E½ SE¼ of Section 28; S½ N½, NW¼ NW¼, NE¼ NE¼ of Section 33; all in Township 34 North, Range 24 East, W.M., containing 600 acres, or less.

SECTION 1. TERM

1.01 Term. The term of this lease shall commence on the 28th day of October, 19 68, and continue for two years unless one of the following occurs:

(1) The lessee does not pay the second year's rent when due, or

(2) This lease is converted to a mining contract.

1.02 Conversion to a Mining Contract. In the event the lessee desires to convert this lease to a mining contract, he shall, prior to the expiration of this lease:

(1) Submit an application for a mining contract to the state, together with an application fee in the amount of $5.00,

(2) Furnish evidence of development work in the amount of $1.25 per acre per year or fraction thereof for all lands covered by the application, and

(3) Pay the first year's rental under the contract.

SECTION 3. USE OF PREMISES

3.01 Use. The leased premises shall be used by the lessee for the purpose of exploring for valuable minerals and specified materials and for no other purpose: PROVIDED, That, in any one year, valuable minerals or specified materials of a value not exceeding one hundred dollars ($100.00) may be removed for the purpose of testing and assaying, and PROVIDED, That additional valuable minerals or specified materials may be removed, upon receipt of written permission from the state, for testing and assaying purposes.

SECTION 4. OPERATIONS

4.01 Fire Suppression Equipment. At all times when fire permits are required by the Department of Natural Resources for the area in which the leased premises are located, the lessee shall, when upon such premises, keep thereupon appropriate fire fighting tools and fire suppression equipment as deemed necessary by the local district administrator.

4.02 Assessments. The lessee shall pay all assessments that may be charged to the leasehold on public lands under the provisions of chapter 79.44 RCW or any other applicable statute, whether or not such assessments have been levied against the leasehold by the assessing agency.

4.03 Improvements. No improvements shall be placed on the leased premises without obtaining, in advance, the written authorization for such improvements from the Department of Natural Resources. "Improvements" are defined in RCW 79.01.036. This section does not relieve the lessee of the necessity of doing the required development work.

SECTION 5. ASSIGNMENT AND SUBLEASE

5.01 Conditions. No part of the leased premises may be assigned, mortgaged, or subleased, nor may a right of use of any portion of the property be conferred on any third person by any other means without the prior written consent of the state.

SECTION 6. DEFAULT

6.01 Default. It is agreed by the lessee that a breach of any of the conditions herein contained or the doing of any act herein prohibited shall work a forfeiture of all his rights under this lease, and that the same may thereupon be cancelled by the state.

SECTION 7. MISCELLANEOUS

7.01 Notices. Any notice required or permitted under this lease shall be deemed given when actually delivered or when deposited in the United States Mail, addressed as follows:

(1) To the state: Department of Natural Resources, Public Lands-Social Security Building, Post Office Box 168, Olympia, Washington 98501;

(2) To the lessee: (As shown in signature block.)

7.02 Timber. Lessee may cut and use, without charge, such timber located on the leased premises as is necessary to prospecting or mining operations. Prior approval of the state must be obtained for the cutting and removal or destruction of timber or forest products. Payment for timber or forest products, when required, shall be determined by state appraisal.

7.03 Nonrenewal. This lease cannot be renewed for one year after termination.

7.04 Reservations. The state shall have the right to use, without charge, all existing roads and/or any road constructed or reconstructed on state lands by the lessee under this lease, for any and all purposes deemed necessary or desirable in connection with the control, management, harvest, and administration of state-owned land or the resources thereof; and the state may extend such rights and privileges

to others, provided such use shall be controlled so it will not, in the opinion of the state, interfere unduly with the use of the road by the lessee. The state shall also have the right to use the leased premises and to further encumber same in any manner that will not unduly interfere with the lessee's use thereof.

7.05 Laws and Regulations. The provisions of chapter 56, Laws of 1965 (RCW 79.01.614-79.01.650), and all rules and regulations adopted by the Board of Natural Resources and/or the Department of Natural Resources, implementing said chapter 56, Laws of 1965, in effect as of the date of this lease, are incorporated in the terms and conditions of this lease as though fully set forth herein.

The lessee further agrees to abide by and be subject to any and all rules or regulations of any department or agency or any statute applicable to any activities engaged in under the authority of this contract.

7.22 Erosion and Damage to Soil. During propsecting and mining operations under this instrument, including the construction of roads, the lessee shall take such precautions as necessary to minimize, insofar as possible, soil erosion and damage to the soil. Equipment will not be operated when ground conditions are such that erosion or damage will result.

7.29 Fire Closure. The lessee will be required to obtain permission from the local district administrator before entry onto the leased premises during periods of hazardous area forest closures.

7.34 Debris and Refuse Disposal. The lessee shall remove, burn, or bury all metal, lumber, or other debris or refuse resulting from the lessee's operations on the leased premises. Any and all burning operations shall require prior approval of the local district administrator.

7.36 Shafts, Tunnels, and Underground Workings. During the term of this contract, it shall be the responsibility of the lessee to provide protection against injury or death to people, livestock, and wildlife during the course of all underground operations on the leased premises. Upon completion of such operations, the lessee shall block, barricade, or fill any shafts, tunnels, or underground workings, or take such other actions as necessary to prevent injury or death to personnel, livestock, and game. Such protective measures as are needed shall be subject to final approval by the state.

SECTION 8. RENT OR MINIMUM ANNUAL ROYALTY

8.01 Amount. The lessee shall pay annually, in advance, to the state as rent the sum of twenty-five cents ($0.25) per acre per year for each acre of the leased premises. In the event this lease is converted to a mining contract, lessee shall thereupon cease paying the rent herein provided for and shall commence paying rent or royalties in accordance with the terms of the mining contract. Upon commencement of production, the royalty shall be 3% of the gross income from the property from mining, as set forth in the rules and regulations adopted by the Board of Natural Resources and/or the Department of Natural Resources, implementing chapter 56, Laws of 1965, in effect as of the date of this lease.

Dated at Olympia, Washington, this 21st day of November, 19 68.

STATE OF WASHINGTON
DEPARTMENT OF NATURAL RESOURCES

By Bert L. Cole
BERT L. COLE
Commissioner of Public Lands

GEO-MINERAL EXPLORATION COMPANY

By R.W. Glenny, Mgr.
Title

App. No. 59108
hmd

Box 321
Republic, Washington 99166

PARSONS

The Ralph M. Parsons Company

Engineers • Constructors

617 WEST SEVENTH STREET, LOS ANGELES, CALIFORNIA 90017

TELEPHONE: AREA CODE 213 629-2484 | TELETYPE: 213-663-0185 | TELEX: 06-7375 | CABLE ADDRESS: PARSONS LOS ANGELES

PURCHASE ORDER

TO: R. W. GLENNY
Box 321
Republic, Washington 99166

SHIP TO: Not Applicable

Exhibit "E"

SHIP VIA: See Par. 2 Below
SHIPPING POINT: Not Applicable
F.O.B.

DATE: June 12, 1968
ORDER NO: 1-3468-4
REQUISITION NO. 3468-4-1
PROMISED SHIPPING DATE: Not Applicable

Above numbers and item numbers must appear on all shipments, invoices, shipping papers, packing lists and correspondence. Enclose packing list with shipment.

Mail four copies of invoice to
The Ralph M. Parsons Company
617 West Seventh Street
Los Angeles, California 90017

Attach original bill of lading or express receipt and one copy of packing list to invoice.

ACC'T. CLASSIFICATION

TERMS: Net 30 Days
☐ SALES TAX Itemize and add to Invoice
☐ SEE BELOW

CUSTOMER: Cascade Natural Gas Job 3468-4

CONFIRMING TO: R. W. Glenny
DATE: May 30, 1968 PHONE:

SELLER'S QUOTATION REFERENCE: Verbal DATE: May 30, 1968

ITEM	QUANTITY	Furnish materials listed below in accordance with the terms and conditions set forth herein, on reverse side hereof and/or attachments hereto.	PRICE	PER	TOTAL
		Furnish Supervision services of drilling and core logging all in accordance with the Terms and Conditions hereinafter provided.			
		All work shall be under the direction of The Ralph M. Parsons Company representative Mr. R. W. Wells.			
		Compensation and Payment: The Ralph M. Parsons Company shall pay the Subcontractor upon satisfactory work and services and upon the submission of properly certified invoices or vouchers. Payment includes all insurance, salaries, salary-related costs and overhead for a total not to exceed forty five (45) days based on	$40.00	Day	
		Estimated total price for services not to exceed			$1,800.00
		Performance Schedule: Work is to commence June 4, 1968 and shall not exceed forty five (45) days.			

SPECIAL INSTRUCTIONS

1. Acceptance copy of this order must be signed and RETURNED PROMPTLY.
2. FREIGHT CHARGES: ☐ Collect: ☐ Prepaid: ☐ Prepay and Charge and add to Invoice as separate item. Submit original PAID Freight Bill with Invoice.
3. When "X" appears below, this order is subject to instructions as indicated.
   - ☐ Drawing Submittal Instructions - Form PD41.
   - ☐ Expediting & Inspection Instructions - Form PD42.
   - ☐ Expediting Instructions - Form PD43.
   - ☐ Other:
4. On day shipment goes forward, AIRMAIL one copy of Packing List and Bill of Lading to:
   a. Shipping address above, Attention: Job Superintendent.
   b. 617 W. 7th St., L. A., Calif. 90017, Attention: Chief Expediter.

The Ralph M. Parsons Company

BY Paul V. Chapman
AUTHORIZED SIGNATURE Paul V. Chapman

Refer any questions on this order to:
Q. K. Morgan
BUYER

ORDER NO. 1-3468-4
PAGE 1 OF 1

QKM
ORIGINAL

PD56-10 5M 10-67 M&S PRINTED IN U.S.A.

ARTHUR D BREMNER
P O BOX 8
REPUBLIC WASHINGTON

"Exhibit F"

R. W. Glenny
Sept. 11, 1968

Sample M-1 Murray
S-1 Gold-----0.01 ounces per ton $ 0.35 102 ft. from
Silver---3.59 ounces per ton $ 7.18 portal
Total value per ton $ 7.53 upper Tunnel

Sample M-2 Murray
S-2 Gold-----0.01 ounces per ton $ 0.35 82 ft. from
Silver---7.89 ounces per ton $15.78 portal
Total value per ton $16.13 upper Tunnel

Sample M-3
Gold-----0.01 ounces per ton $ 0.35 surface
Silver---Trace 0.00 Claim No. 3
Total value per ton $ 0.35

Arthur D Bremner

Arthur D Bremner

Assayer

Silver at $2.00 per ounce

ARTHUR D BREMNER
P O BOX 8
REPUBLIC, WASHINGTON

R W GLENNY
AUGUST 21, 1968

Sample #5 Murray

Gold-----0.03 ounces per ton		$ 1.05 Upper
Silver---2.37 ounces per ton		$ 4.74 Tunnel
Total value per ton		$ 5.79 Decomposed

Sample #6 Murray

Gold-----0.03 ounces per ton	$ 1.05
Silver--37.07 ounces per ton	$74.14 Shaft
Total value per ton	$75.19

Arthur D Bremner
Assayer

Silver at $2.00 per ounce

ARTHUR D BREMNER
P O BOX 8
REPUBLIC, WASHINGTON

R. W. GLENNY
Nov 14, 1968

Galaconda Claims - Wonda

Gol #1
Gold------ 0.03 ounces per ton $ 1.05
Silver--- 1.37 ounces per ton $ 2.74
Total value per ton $ 3.79

Gol #2
Gold-----0.01 ounces per ton $ 0.35
Silver---0.59 ounce per ton $ 1.18
Total value per ton $ 1.55

Gol #3
Gold----- 0.23 ounces per ton $ 8.05
Silver---32.47 ounces per ton $64.94
Total value per ton $72.99

DR #1
Gold----- Trace 0.00
Silver ---Trace 0.00 Don Regall Kevin
Total value per ton None

#M-13
5-4 Gold----- 0.02 ounces per ton $ 0.70
Silver---22.38 ounces per ton $44.76 Murray Claim
Total value per ton $45.46

Arthur D Bremner
Arthur D Bremner
Assayer

Silver at $2.00 per ounce

PHONE 495-6933
P. O. BOX 100

FILE No. 1259
DATE Sept., 20th., 68

To:—

Geo-Mineral Exploration
Republic Wash. U.S.A.

JOHN O. DOLPHIN
ASSAYER
METALLURGIST
OSOYOOS, B. C.

Assay Certificate

I HEREBY CERTIFY that the following are the results of the submitted samples:

MARKED	GOLD OZS. | PER TON	SILVER OZS. | PER TON	LEAD % | PER TON	ZINC % | PER TON	COPPER % | PER TON
S-3 No.M - 4	.005	15.4	.37		.50
5		.4	.08	Surface	nil
S-5 6		9.2	.35		.38
7		3.5	.10		.17
8	nil	.3			nil
9	.005	1.3			trace
10		.2			
11		.3			
12		.2			

CHARGES: Paid

JOHN O. DOLPHIN
PROVINCIAL ASSAYER

January 31, 1974

Memorandum

To: Field Officer, Region I

From: Chief, Office of Minerals Exploration

Subject: OME-6765 (Silver)
Geo-Mineral Exploration Company
Murray Claim
Okanogan County, Washington

In response to your request today, we enclose two copies of correspondence in October-December 1970 with the subject Applicant. Included are copies of letters dated October 26, November 25, and December 14, 1970, to the Applicant, and letters dated November 17, and December 7, 1970, from the Applicant.

Harold Kirkemo

Enclosures

cc:

DRF
MR Rdg.
OME Rdg.
OME Files
Mr. Kirkemo

HKirkemo/gpw

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
12/14/70	Emerick	120E
		220

AIRMAIL

DEC 14 1970

Geo-Minerals Exploration Company
Attention: Mr. R. W. Glenny, Manager
501 Third Avenue
Seattle, Washington 98104

Re: OME-6765 (Silver)
Geo-Minerals Exploration Company
Murray Claims
Okanogan County, Washington

Dear Mr. Glenny:

Thank you for your letter of December 7, 1970, informing us that you wish to withdraw your application for financial assistance in exploring the Murray claims until the litigation between Geo-Mineral Exploration Company and Columbian-Cascade Minerals Corporation is settled. Accordingly, the subject docket is transferred to the inactive file and the application considered as withdrawn.

In the event that you would wish to reopen this case at any time in the future, you may do so by filing a new application, referring to this OME docket number, and furnishing new information to bring the data up-to-date. This would include evidence of rights to the land, new bank letters, and such other information as may be necessary.

Sincerely yours,

Harold Kirkemo

Harold Kirkemo
Chief, Office of
Minerals Exploration

cc: Director's reading file
Mineral Resources
OME reading file
OME region I w/cy
incoming letter
Mr. Emerick
130
WEmerick/cac 12-14-70

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
11/25/70	Emerick	120
11/25	cc	220
		120M

AIRMAIL

NOV 25 1970

Geo-Mineral Exploration Company
Attention: Mr. Paul J. Fisher
501 Third Avenue
Seattle, Washington 98104

Re: OME-6765 (Silver)
Geo-Mineral Exploration Company
Murray Claims
Okanogan County, Washington

Dear Mr. Fisher:

Thank you for your letter of November 17, 1970, stating that evidence will be submitted soon to show exclusive control of the Murray claims, and that a new lease-hold contract will be included.

Of course this information will be essential, but a favorable court determination on the pending litigation between Geo-Mineral and Columbian Cascade Minerals Corporation will be necessary before we can reconsider the application.

Please refer to our letter of October 26, 1970, and advise us as soon as possible if you wish to withdraw your application until the pending litigation is settled, and all of the information requested in our letter can be furnished. You have given us no idea when the litigation may be settled. We would prefer to consider your application as withdrawn rather than incomplete for an indefinite period of time.

Sincerely yours,

Harold Kirkemo (gla)

Harold Kirkemo
Chief, Office of
Minerals Exploration

cc: Director's Reading File
Mineral Resources
OME docket
OME Reading File
OME Region I w/cy
incoming letter
Mr. Kirkemo

HKirkemo/gla 11-25-70

cc: Geo-Mineral Exploration Company
P. O. Box 321
Republic, Washington 99166

PAUL J. FISHER LAW FIRM

MAIN OFFICE: 501 THIRD AVENUE
SEATTLE, WASHINGTON
98104 • MA 3-0071

PAUL J. FISHER

November 17, 1970

Harold Kirkemo, Chief
Office of Minerals Exploration
United States Department of Interior
Geological Survey
Washington, D. C. 20242

Re: OME-6765 (Silver)
Geo-Mineral Exploration Company
Murray Claims
Okanogan County, Washington

Dear Mr. Kirkemo:

Received your letter of October 26, 1970, in connection with the above mineral exploration grant application.

I will be submitting to you very shortly further evidence to show that Geo-Mineral is exclusively in control of this property, this evidence will include a new lease-hold contract.

Under the circumstances I would hope you would keep the area open for approval of this claim as the matter will be disposed of very shortly.

Sincerely yours,

PAUL J. FISHER

PJF:bf

cc: Geo-Mineral Exploration Co.

Form 7
2/63)

OFFICIAL FILE COPY

Date	Surname	Code
10/26/70	Emerick	120
		120
10/26	Cal	220
		120M

AIRMAIL

Geo-Mineral Exploration Company
Attention: Mr. Paul J. Fisher
Paul J. Fisher Law Firm
501 Third Avenue
Seattle, Washington 98104

OCT 26 1970

Re: OME-6765 (Silver)
Geo-Mineral Exploration Company
Murray Claims
Okanogan County, Washington

Dear Mr. Fisher:

The documents submitted relating to an assignment by Geo-Mineral Exploration Company to Columbian Cascade Minerals Corporation of its right and interest in the area which would be covered by a proposed exploration contract are insufficient to determine the respective rights of the two parties.

Geo-Mineral executed an assignment to Columbian Cascade Minerals on April 10, 1969. You informed us on September 30, 1970 that the assignment and an "Agreement" also dated April 10, 1969 are the subject of litigation between Geo-Mineral and Columbian Cascade. Your letter to Columbian Cascade dated November 12, 1969 purports to revoke the assignment, but the court's decision on the pending litigation will be the determining authority on this question.

In view of the above, we cannot conclude that Geo-Mineral presently has a sufficient interest in the proposed project area to qualify for OME financial assistance, and, therefore, the application cannot be approved.

We suggest that you withdraw the application, and after a favorable court determination is received, reopen the application by furnishing new information to bring the data up-to-date. This would include evidence of rights to the land, new bank letters, and such other information as may be necessary.

We regret that the documentary evidence presented cannot be approved, but we hope that the present difficulty is resolved satisfactorily.

Please advise us regarding the suggested withdrawal of your application.

Sincerely yours,

Harold Kirkemo (fa)

Harold Kirkemo
Chief, Office of
Minerals Exploration

cc: Geo-Mineral Exploration Company
P. O. Box 321
Republic, Washington 99166

cc: Director's Reading File
Mineral Resources File
OME Docket
OME Reading File
OME Region I w/cy of memo dtd 10/23/70
from Assc. Solicitor
Mr. Emerick
Mr. Kirkemo

HKirkemo/bsl 10/26/70

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF THE SOLICITOR
WASHINGTON, D.C. 20240

OCT 23 1970

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Memorandum

To: Chief, Office of Minerals Exploration

From: Associate Solicitor--Mineral Resources and General Legal Services

Subject: Geo-Mineral Exploration Co., Inc.
Murray Claim
OME-6765

We have reviewed the documents submitted by Mr. Paul J. Fisher, General Partner of and attorney for Geo-Mineral, relating to an assignment by Geo-Mineral of its interest in the area which would be covered by the proposed exploration contract. It appears that Geo-Mineral executed an assignment of all of its right and interest in the Murray claim, which comprises the principal area to be developed in the proposed project area, to Columbian Cascade Minerals Corporation on April 10, 1969. Mr. Fisher in his letter to Columbian Cascade, dated November 12, 1969, purports to revoke the assignment. However, as Mr. Fisher states in his letter to the Office of Minerals Exploration dated September 30, 1970, the assignment and an "Agreement" also dated April 10, 1969, are the subject of litigation between Geo-Mineral and Columbian Cascade. We are, of course, in no position to determine what the two parties' respective rights in the project area are.

In view of the above, it is our opinion that Geo-Mineral, the applicant, does not have a sufficient interest in the proposed project area to qualify for OME financial assistance. We, therefore, cannot give legal approval to the proposed exploration contract. It is suggested that Geo-Mineral be advised that because of the question concerning their interest in the proposed project area that OME cannot approve their application but that they may resubmit their application after a favorable court determination.

Your file is returned herewith.

Bruce Wright
Associate Solicitor
Mineral Resources and
General Legal Services

Enclosure

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF THE SOLICITOR
WASHINGTON, D.C. 20240

OCT 14 1970

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Memorandum to the File:

Subject: Geo-Mineral Exploration Company
OME-6765

Mr. Tindal and the undersigned received a phone call from Mr. Paul J. Fisher, attorney for Geo-Mineral in Seattle, Washington, asking what documents he should submit to resolve the problem of the apparent assignment by Geo-Mineral to Columbian-Cascade Minerals Corporation of its rights to the Murray Claim under the mining lease and option agreement between the Helphreys as owners and Geo-Mineral as lessees.

Mr. Tindal explained to Mr. Fisher that this office was of the opinion that the documents in the file concerning the assignment of the mining lease to Columbian-Cascade cast a serious doubt as to whether Geo-Mineral had a sufficient interest in the Murray claim to warrant a conclusion that it was eligible for an OME grant, but that we wished to afford the applicant an opportunity to submit any and all evidence it wished to submit to show that it did have a sufficient interest.

Mr. Fisher repeated the statements in his letter of September 30, 1970 that Geo-Mineral had made a contract with Columbian-Cascade in April 1969 whereby the latter would develop the property and made certain expenditures; that on the basis of this agreement Geo-Mineral had withdrawn its application for an OME grant in April 1969; that Columbian-Cascade had reneged on its agrement after expending only a few thousand dollars, and that Geo-Mineral had filed a lawsuit in July 1970 against Columbian-Cascade and its present company, Naturizer. He also said that Geo-Mineral recently had drawn up a new lease agreement with the owners of the Murray claim.

Mr. Fisher stated he will send us copies of (1) the 1969 contract with Columbian-Cascade, (2) the pleadings in the lawsuit against Columbian-Cascade, (3) the answers filed by the defendants, and (4) the new agreement between Geo-Mineral and the owners of the Murray claim.

In response to our question Mr. Fisher agreed that there was no provision in the mining lease and option agreement between the Helphreys and Geo-Mineral which authorized assignment of the rights granted therein to a third party. He stated that he had noted this fact at the time, but hadn't considered it of any importance. He was of the opinion that this fact should be regarded as vitiating any assignment by Geo-Mineral to Columbian-Cascade.

C. L. Martin

C. L. Martin

PAUL J. FISHER LAW FIRM

MAIN OFFICE: 501 THIRD AVENUE
SEATTLE, WASHINGTON
98104 • MA 3-0071

PAUL J. FISHER

October 13, 1970

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Office of Minerals Exploration
U. S. Geological Survey
Washington, D. C. 20242

Attention: Mr. Miller

Re: OME 6765
Geo-Mineral Exploration Co., Inc. - Murray Claim

Gentlemen:

Pursuant to my phone call to you of last week, enclosed are copies of the basic Agreement concerning Geo-Mineral and Columbian Cascade, Assignment of the Murray property and Notice of Total Breach.

I trust that this will more amply satisfy you as to our right to title of the Murray property.

Sincerely yours,

Paul J. Fisher

PAUL J. FISHER

PJF:bf
Enclosures

12 November 1969

Mr. George Appley, President
Columbian Cascade Minerals Corporation
P. O. Box 755
Norman, Oklahoma

NOTICE OF TOTAL BREACH

Dear Mr. Appley:

This letter is notification of total breach on the part of Columbian Cascade on a demand for return of all information and materials that we have supplied you pursuant to our contract with you.

This notification is made pursuant to the many delays and your failure to live up to in any way, the terms of the contract and further, the absolute failure of Columbian Cascade to have the agreement, which was entered into between the former president of Columbian Cascade and ourselves, ratified by your board of directors. Clearly, this is a type of action that was outside of the normal operation of your business and requires approval by the board of directors and, therefore, has been a nullity.

Even if this were not so, your failure to comply with the necessity of the consideration renders a nullity and this revocation of our agreement has occurred much in advance of any efforts on your part to comply with the agreement.

We regret this action as we were eager to work with your then associate, Mr. Bob Wells, but no other action is possible for us.

Sincerely yours,

PAUL J. FISHER

PJF/p

cc: Mr. Mike Glenny

AGREEMENT

THIS AGREEMENT is entered into on April 10, 1969, between Geo-Mineral Exploration Company (Geo-Mineral), a limited partnership organized under the laws of the State of Washington, and Columbian Cascade Minerals Corporation (Columbian Cascade), an Oklahoma Corporation.

Whereas, Columbian Cascade is in the business of developing mining and mineral properties and desires to acquire additional such properties; and

Whereas, Geo-Mineral is in the business of exploring for and acquiring ownership of or leasehold interest in valuable mineral or mining properties; and

Whereas, Geo-Mineral now owns valuable mineral mining properties which are more particularly described in Exhibits A and B attached hereto; and

Whereas, Columbian Cascade desires to obtain assignments to the mineral interests described in Exhibits A and B attached hereto; and

Whereas, Columbian Cascade desires to have for five years the first opportunity to obtain assignments of all valuable mining interest obtained by Geo-Mineral, excepting uranium, now, therefore:

In consideration of the foregoing and the mutual covenants and promises appearing hereafter, this Agreement is entered into on the following terms and conditions:

I

Geo-Mineral hereby assigns to Columbian Cascade the mineral properties described in Exhibits A and B attached hereto in the form set forth herewith.

II

Columbian Cascade assigns to designated partners of Geo-Mineral, such designation, with respect to persons and amounts to be made by Geo-Mineral and communicated to Columbian Cascade within thirty (30) days from the execution of this agreement, a total of $200,000 worth of warrants to purchase common stock of Columbian Cascade, such warrants to be in the form of Exhibit C attached hereto.

III

As further consideration of the warrants described in Paragraph II, but not as a restriction on the warrants themselves, Geo-Mineral agrees to continue exploring for mineral properties, with the purpose of obtaining ownership thereof and to offer said properties to Columbian Cascade under the following procedure:

1. Each three months Geo-Mineral will send to Columbian Cascade a letter report of its activities and will indicate which new properties have been acquired and will indicate its opinion of said properties' mineral value.

EXHIBIT "A"

*one or

a. Within one week of receipt of such letter, Columbian Cascade has the option to notify Geo-Mineral that it desires to evaluate/more of the properties mentioned in the current letter report.

During the thirty (30) day period after receipt by Geo-Mineral of such notification, such period to be extended thirty (30) additional days only by consent of Geo-Mineral in the case of inclement weather or unavailability of crews, Columbian Cascade will proceed to evaluate the properties, Geo-Mineral cooperating in such evaluation by providing all information they have on said properties. At the end of said evaluation period, Columbian Cascade must notify Geo-Mineral if assignment of said evaluated properties is to be made. In the event of assignment, it is to be in the form of Exhibits A and B attached hereto. If assignment is not to be made, said properties will be released from all obligations set forth in this agreement and Columbian Cascadewill return all information furnished plus any information discovered in the process of their own evaluation.

b. At the time of sending such letter report, or at any time by separate letter report, Geo-Mineral can designate any of its properties as properties upon which an evaluation must commence and a decision to accept or reject an assignment must be made within the time periods and and provisions of sub-paragraph (a) above.

IV

The final letter report required by this Agreement shall be made by Geo-Mineral five years after the date of this Agreement. Upon the termination of any evaluation period which may result from such final report, the Agreement shall expire.

WITNESS our hands this 10th day of April, 1969.

GEO-MINERAL EXPLORATION COMPANY

By Paul Fisher

Paul J. Fisher, General Partner

COLUMBIAN CASCADE MINERAL CORPORATION

By

Norman Pierson, President

EXHIBIT "A"

ASSIGNMENT OF MINING LEASE AND OPTION AGREEMENT

I

Geo-Mineral Exploration Company, a limited partnership existing under the laws of the State of Washington, hereby assigns unto Columbian Cascade Minerals Corporation, an Oklahoma Corporation, all of its right and interest as to mineral rights, excepting uranium, to the below described properties:

> The mining lease and option agreement attached hereto and made a part hereby, commonly called Murray Claims Group, running from William B. Helphrey and Mae E. Helphrey, husband and wife, to Geo-Mineral Exploration Company.

II

In consideration hereto, Geo-Mineral Exploration Company reserves unto itself an over-riding royalty of five percent (5%) of net smelter returns resulting from minerals extracted from said property.

III

Columbian Cascade Minerals Corporation obligates itself to perform all obligations of the lessee imposed by the attached mining lease and option agreement.

IV

In consideration of this assignment, Columbian Cascade Minerals Corporation agrees to:

a. Commence active exploration on this property, leading to extraction of valuable minerals therefrom.

b. Columbian Cascade Minerals Corporation agrees to pay to Geo-Mineral Exploration Company $10,000 in advance royalties each year on the anniversary date of this assignment, provided, however, that only such portion of such payment owed be made as is the difference between exploration and/or development expenditues actually made on the within-described properties and such $10,000 amount; and provided further, that no such payment need be made once development of the within-described properties has reached the production stage, and provided further that any yearly $10,000 advanced royalty payments may be further reduced by any minimum advance royalty payments made by Columbian Cascade Minerals Corporation pursuant to and required by the attached mining lease and option agreement.

DATED this 10th day of April, 1969.

GEO-MINERAL EXPLORATION COMPANY

By: Paul J. Fisher

Paul J. Fisher, General Partner

Accepted: COLUMBIAN CASCADE MINERALS CORPORATION

By: Norman Pierson

Norman Pierson, President

Attest: Thomas J. Kenan

Thomas J. Kenan, Assistant Secretary

Exhibit "B"

STATE OF WASHINGTON)
: SS.
COUNTY OF K I N G)

On this 10th day of April, 1969, personally appeared before me, a Notary Public, Paul J. Fisher, a General Partner of Geo-Mineral Exploration Company, and acknowledged to me that he executed freely and voluntarily the within and foregoing instrument for the uses and purposes therein mentioned.

Pamela R. Clerico
Notary Public in and for the State of Washington, residing at Seattle.

STATE OF WASHINGTON)
: SS.
COUNTY OF K I N G)

On this 10th day of April, 1969, personally appeared before me, a Notary Public, Norman Pierson, President of Columbian Cascade Minerals Corporation, an Oklahoma Corporation, and acknowledged to me that he executed freely and voluntarily the within and foregoing instrument for the uses and purposes therein mentioned.

Pamela R. Clerico
Notary Public in and for the State of Washington, residing at Seattle.

STATE OF WASHINGTON)
: SS.
COUNTY OF K I N G)

On this 10th day of April, 1969, personally appeared before me, a Notary Public, Thomas J. Kenan, Assistant Secretary of Columbian Cascade Minerals Corporation, an Oklahoma Corporation, and acknowledged to me that he executed freely and voluntarily the within and foregoing instrument for the uses and purposes therein mentioned.

Pamela R. Clerico
Notary Public in and for the State of Washington, residing at Seattle.

Exhibit "B"

Curlew Washington 99118
October 1, 1970

Office of Mineral Exploration
U.S. Geological Survey
Washington D.C. 20242

Re: OME 6765(Silver)
Mining claim
Okanogan County Washington

Gentlemen:

This is to certify that this mining claim is recorded and registered in my name in the Auditors office of Okanogan County Washington. I have leased this claim to Geo-Mineral Exploration Co. and Columbian Cascade Minerals Corporation had sub leased this claim from Geo-Mineral Exploration. This sub lease was for the period of April 10, 1969 to April 10, 1970. On April 10, 1970, Columbian Cascade Minerals Corporation was in default of the terms of their lease and this sub-lease was cancelled as of that date.

Therefor, Geo Mineral Exploration Co. and none other now has a lease on the Murray Claim for a four year period ending September 1, 1974.

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O. M. E.
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OCT 6 1970
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HR 120

Very truly yours
Wm B. Helphrey
Wm. B. Helphrey
Lessor

PAUL J. FISHER LAW FIRM

MAIN OFFICE: 501 THIRD AVENUE
SEATTLE, WASHINGTON
98104 • MA 3-0071

PAUL J. FISHER

September 30, 1970

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Office of Minerals Exploration
U. S. Geological Survey
Washington, D. C. 20242

Re: OME 6765
Geo-Mineral Exploration Company, Inc. - Murray Claim

Gentlemen:

I have been asked by Willard P. Puffett to explain the status of Geo-Mineral Exploration Company, Inc.'s relationship with Columbian Cascade.

Geo-Mineral Exploration Company, Inc. made a contract with Columbian Cascade in April of 1969, wherein it was agreed that Columbian Cascade would explore and develop certain mineral properties, including the Murray claim. The contract also provided that they were to make expenditures of $10,000.00 each year on the Murray claim and an additional $10,000.00 on our Bodie property which is a gold property and does not affect this letter nor our application for OME grant.

Based upon that contract, our existing request for OME grant was withdrawn. However, Columbian Cascade failed to perform their agreement and only expended approximately $3,000.00 of effort and left the Republic area sometime in late July or August of 1969. Various demands have been placed upon them to complete their contract, and they were unable to do so.

As of July 1970 a suit for $50,000.00 damages was filed by Geo-Mineral Exploration Company, Inc., against Columbian Cascade, and their parent company, Naturizer, both companies being from Oklahoma. Our investigation revealed that on or about January 2, Columbian Cascade's license to do business was canceled by the state of Oklahoma and that they no longer exist as a corporation.

The lawsuit, on behalf of Geo-Mineral Exploration Company, will attempt to pierce the corporate veil and attach assets of Naturizer, which is still doing business.

I trust this satisfactorily answers your inquiry and that the OME grant can go forth as swiftly as possible so that the Murray claim can be properly explored.

Sincerely yours,

Paul J. Fisher

PAUL J. FISHER

PJF:bf

cc: Mr. Willard P. Puffett
Mr. Mike Glenny
Mr. Fritz Hanson

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF THE SOLICITOR
WASHINGTON, D.C. 20240

SEP 28 1970

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Memorandum

To: Chief, Office of Minerals Exploration

From: Associate Solicitor--Mineral Resources and General Legal Services

Subject: Geo-Mineral Exploration Company
OME-6755 (Silver)
Murray Claims
Okanogan County, Washington

Our examination of the subject file disclosed that the description of the Murray Claim in the mining lease and option agreement, dated August 30, 1968, between Mr. and Mrs. William B. Helphrey, lessors, and Geo-Mineral Exploration Company, lessee, is unintelligible. This raises a question as to the validity of the applicant's rights in the land which is to be explored pursuant to the proposed OME contract. However, we do not regard this description as a necessarily fatal defect or bar to execution of the proposed OME contract. In our opinion, the error is partially corrected by the references in the application, dated December 5, 1968, and the Lien and Subordination Agreements executed by Mr. & Mrs. Helphrey on July 18, 1970, to the fact that the Murray Claim is recorded in the Okanogan County Auditor's Office records at Book 16, Page 83. We feel that these references, together with the field representative's statement that the Murray Claim is recorded as stated, sufficiently protect the Government's interests.

We suggest that you advise the applicant of the deficiency in the description of the claim as it appears in the mining lease and option agreement so that it may take the necessary steps to correct the deficiency if it so desires.

The file contains a copy of a letter from Columbian-Cascade Minerals Corporation to Mr. & Mrs. Wn. (sic) B. Helphrey in which the corporation refers to itself as assignee of the mining lease and option agreement between the Helphreys and Geo-Mineral Exploration Company. The file contains no other information regarding such assignment.

You have indicated that the assignment was vitiated and that you would obtain the document(s) accomplishing this. In the interest of time, you have requested our approval of the proposed contract subject to our examination of the document(s) vitiating the assignment so that the proposed contract may be mailed to the field officer. We agree to this and have surnamed the proposed contract so that it may be mailed to the field officer; however, you should instruct the field officer he is not to present it to the applicant until we have examined the document(s) vitiating the assignment and specifically authorized the presentation of the proposed contract to the applicant for execution.

We have had the proposed contract typed in final and it is enclosed herewith together with the subject file.

Bruce Wright
Associate Solicitor
Mineral Resources and
General Legal Services

Enclosure

STATE OF WASHINGTON

Department of

Natural Resources

COMMISSIONER
BERT COLE

DON LEE FRASER
SUPERVISOR

Box 192
Omak, Washington 98841

September 9, 1970

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WE

Office of Minerals Exploration
U. S. Geological Survey,
Washington, D. C. 20242

Re: Right of access across school land to Murray Claim.

Gentlemen:

I am sorry for the delay, however, the fire situation has interrupted many activities of late.

The State of Washington has no objection to Geo-Mineral Exploration Company using the road to enter their exploration area. We would expect, however, your pro rata share of the maintenance. Of course if materials are found a road use permit would have to be obtained.

Please notify us when you enter and upon leaving at conclusion of your activities. We wish to be informed of persons in the area. Rules regarding fire regulations would have to be complied with.

Sincerely yours,

BERT L. COLE
Commissioner of Public Lands

By Edwin W. Smith
Edwin W. Smith
District Administrator

EWS:cs
cc: Geo-Mineral Exploration Co.
Omak File

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To Legal 7/15/70

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MME Form 50
July 1965

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
U. S. GEOLOGICAL SURVEY

130

EXPLORATION CONTRACT
(Long Form)

Docket No.	Commodity	Contract No.	County	State
OME-6765	Silver		Okanogan	Washington

It is agreed _____ (Date), between the United States of America, acting through the Department of the Interior, U. S. Geological Survey, hereinafter called the "Government," and

Geo-Mineral Exploration Company

whose mailing address is P. O. Box 321, Republic, Washington 99166, hereinafter called the "Operator," as follows:

ARTICLE 1. Authority and scope.--(a) This contract entered into under the authority of Public Law 701, 85th Cong., 2d sess. (72 Stat. 700; 30 U.S.C. § 641 - 646), consists of this form, the attached Annex I (land description), Exhibit A (work and costs), and the maps and documents listed. The work is a search for new or unexplored deposits of the commodity designated above. The Operator shall begin the work on or before _____ (Date), and, subject to the provisions of Article 9 and Exhibit A, shall either have completed the work within 4 months from the date of the contract or shall have incurred allowable costs (see Article 6) in a sum not less than the total cost set forth in Exhibit A.

(b) The total allowable cost of the work set forth in Exhibit A is $18,000.00. The Government will contribute ~~50~~ 75% percent of the allowable costs as they are incurred, in a total sum not in excess of $13,500.00 in accordance with the provisions of Articles 3, 4, 5, and 6. "Costs incurred" means costs that have been paid or have become due and payable, or that the Government determines have become obligations.

(c) Interest computation.--Simple interest at the rate of _____ percent shall accrue from the dates Federal funds are made available until the period specified for payment of royalty expires, or until the amount of Federal funds contributed is fully repaid with interest.

(d) The Operator shall not transfer or assign this contract or any right or obligation thereunder without the written consent of the Government.

ARTICLE 2. Operator's right in land.--(a) The Operator represents and undertakes that Annex I correctly describes the land which is the subject of this contract and the nature of the Operator's right of property and possession therein (whether as owner, lessee, or otherwise), and that such right, title, or interest is subject only to the following claims, liens, or encumbrances:

_____

(b) The Subordination Agreement of the holder of any claim, lien, or encumbrance listed above and (if the Operator does not hold the legal title) the lien agreement of any holder of the legal title of the land (lessor, seller, optionor, etc.) are attached as follows:

_____

(c) The Operator shall preserve and maintain his right, title, or interest in the land and his right to the possession thereof for the purposes of this contract, and shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of this contract. The Operator shall neither transfer, convey, nor surrender the land nor any right, title, or interest therein, nor permit nor suffer any claim, lien, or encumbrance thereon, without expressly referring to and providing in the instrument of conveyance, lien, or encumbrance for the preservation of the Government's right to a royalty on production and liens for the payment thereof. Two true copies of such instrument shall be furnished to the Government. If the Government's rights to royalty as provided in Article 7 have been terminated, the provisions of this paragraph (c) shall become inapplicable.

ARTICLE 3. Performance of the work.--(a) Operator's responsibility.--The work shall be performed diligently, efficiently, in a workmanlike manner in accordance with good mining standards, and in compliance with State laws governing health, safety, and liability insurance covering employment. The Operator shall provide suitable and adequate equipment, facilities, materials, supplies, and labor to complete the work as specified in Article 1(a).

(b) Independent contracts.--To the extent that the allowable costs are estimated in Exhibit A with express reference to performance by independent contractors on a unit-price basis (such as per foot of drilling, per foot of drifting, per hour of bulldozer operations), the work may be so performed (see Article 6(a), Category (1)). Any such independent contract shall refer to some specific and identifiable part of the work, and shall be subject to all of the pertinent terms and conditions of this exploration contract; but the Government shall not be considered a party thereto, and its rights under this contract, including the right to terminate its contributions, shall not be affected thereby. Regardless of the provisions of any such independent contract, the Government will participate in payments to the independent contractor only as to work performed in accordance with the provisions of this exploration contract, and only to the extent that the Government deems the unit prices for the work under the independent contract to be reasonable.

(c) Government may inspect.--The Operator shall consult with and inform the Government on all phases of the work as it progresses. The Government may enter at all reasonable times to inspect the work under the contract and production operations during the period that royalty is payable to the Government. The Operator shall provide the Government with all reasonable means of access for such inspections.

ARTICLE 4. Contribution by the Government.-- The Government will make its contribution on the basis of the monthly vouchers referred to in Article 5(b), but all payments by the Government are provisional only, subject to audit. Until the account between the Operator and the Government is finally audited and settled and the Operator's final report has been received, the Government may withhold such sums as are necessary to protect its interests. The Government may make payments for the account of the Operator directly to independent contractors and suppliers rather than to the Operator.

ARTICLE 5. Reports, accounts, audits.--(a) Operator's records.--The Operator shall keep suitable records and accounts of the work performed and of any production in which the Government may have an interest; and shall preserve those with respect to work performed for at least three years after final payment by the Government, and those with respect to production for at least three years after any obligation to pay royalties to the Government has terminated. The Government may inspect and audit said records and accounts at any time, either by itself or by a certified public accountant. The Comptroller General of the United States or his representative, until the expiration of said three-year periods, shall have access to and the right to examine all pertinent books, documents, papers, and records of the Operator. If work under this contract is carried on in conjunction with any other operations, or if labor, supervision, services, materials, supplies, equipment, facilities, or other requirements for carrying on the work are also used in connection with other operations, the costs shall be segregated and accounted for on a basis and by methods and accounts that are satisfactory to and approved by the Government.

(b) Monthly reports.--The Operator shall provide the Government with four copies of monthly reports in three sections as follows:

(1) Operator's Monthly Voucher claiming costs for work performed;

(2) Operator's Progress Report showing the number of units of the various types of work performed; and

(3) a narrative report of the work performed during the reporting period, including adequate engineering-geological maps or sketches, drill hole logs and locations, and assay reports on samples taken concurrently with advance in mineralized ground.

(Forms for reporting under (1) and (2) above will be provided by the Government; however, the original of the Operator's Monthly Voucher shall be supported by documentary evidence, such as certified copies or transcripts of payrolls and invoices, for all costs claimed under Article 6 (a) (1).)

(c) Final report.--Upon completion of the work or termination of the Government's obligation to contribute to costs, the Operator shall furnish the Government with three copies of a final report (in addition to the final monthly report). This final report shall include a geological and engineering evaluation of the results of the work performed under the contract with an estimate of the ore reserves resulting from such work, complete assay data, adequate geological and engineering maps or sketches, and a summary of the work performed and the related costs.

(d) Report of sales.--The Operator shall provide the Government with suitable accounting and documentary evidence covering all production to which the Government's royalty relates, such as two copies of smelter or concentrator settlement sheets and certified accounts of production and sale or other disposition of production.

(e) Compliance with requirements.--If the Government determines that any of the Operator's reports, records, or accounts are insufficient or incomplete, or if the Operator fails to make them, the Government may procure the preparation or completion of the same with suitable attachments as an expense of the work to which the Operator shall contribute. The Government may withhold approval and payment of any vouchers relating to insufficient or incomplete reports, records, or accounts.

ARTICLE 6. Costs.--(a) Allowable costs.--The allowable costs of the work to which the Government will contribute are limited to:

(1) the necessary, reasonable, and direct actual costs that are estimated in Exhibit A by categories as specified in this article; and

(2) fixed costs for units of work to be performed (per foot, per hour, etc.) agreed upon in lieu of actual costs and set forth in Exhibit A.

The Government will not contribute to costs under any category or subcategory omitted from the estimate of costs in Exhibit A. Any excess over any estimate which is indicated as the maximum of any category, subcategory, or item, either as to requirement or related cost; any excess over a fixed unit cost; and any excess over the total allowable cost of the work are not allowable. The Operator shall incur such excesses for his own account without contribution by the Government, but the Operator is not obligated to incur more than his agreed percentage of the total allowable cost of the work.

Any category or subcategory or element thereof not designated as a maximum in this article, or in Exhibit A may be exceeded, provided that the total allowable cost of the work, which is a maximum, is not exceeded.

CATEGORY (1)--INDEPENDENT CONTRACTS.--(See Article 3(b)). The total of this category and the average unit cost estimated for each type of work to be performed under an independent contract are maximums.

CATEGORY (2)--PERSONAL SERVICES.

Subcategory (a)--Supervision and Technical Services--All elements of this subcategory (number of supervisors, technicians, outside consultants, periods of employment, rates of pay, and total) are maximums.

Subcategory (b)--Labor.

CATEGORY (3)--OPERATING MATERIALS AND SUPPLIES.--Includes such items as drill bits and steel, explosives, fuel, pipe, power, timber, rail, and small tools costing less than $50 each.

CATEGORY (4)--OPERATING EQUIPMENT.

Subcategory (a)--Rental.--The number of each rented item [6 mine cars, 1 truck], the rate of rental [$100 per month, $5 per hour], and the total of this subcategory are maximums.

Subcategory (b)--Purchases.--The total of this subcategory is a maximum.

Subcategory (c)--Depreciation.--All elements of this subcategory (time periods, rate of depreciation, and subcategory total) are maximums.

CATEGORY (5)--INITIAL REHABILITATION AND REPAIRS.--Costs of items listed under this category include all requirements, such as labor, materials and supplies, and supervision at a rate not higher than provided for in Category (2), and shall not be duplicated under any other category. The total of this category is a maximum.

Subcategory (a)--Initial rehabilitation and repairs of existing buildings, fixtures, and installations (exclusive of mine workings).--The total of this subcategory is a maximum.

Subcategory (b)--Initial rehabilitation and repairs of operating equipment.--The total of this subcategory is a maximum.

CATEGORY (6)--NEW BUILDINGS, FIXTURES, AND INSTALLATIONS (EXCLUSIVE OF MINE WORKINGS).--Costs of items listed under this category include all requirements, such as labor, materials and supplies, and supervision at a rate not higher than provided for in Category (2), and shall not be duplicated under any other category. The total of this category is a maximum.

CATEGORY (7)--MISCELLANEOUS.--Includes requirements and costs that do not fall within any of the first six categories, such as repairs other than initial and maintenance of operating equipment, analytical work, prints and other reproductions, accounting, Operator's share of payroll taxes, liability insurance covering employment, travel, and communications.

(b) Nonallowable costs.--In addition to the limitations imposed by paragraph (a) of this Article 6 the Government will not contribute to the following costs:

(1) Costs of the land, such as rental, depreciation, depletion, or other costs of acquiring owning, or holding possession;

(2) Indirect costs, such as general overhead, corporate management, interest, taxes (other than payroll and sales taxes), insurance (other than liability insurance covering employment), damages to persons, damages to property (other than necessary repairs or replacements of equipment or other property used in the work);

(3) Previous work performed or costs incurred before the date of this contract; and

(4) Deferred payments.--Any costs incurred by the Operator under any rental-purchase agreement, installment-purchase agreement, or any agreement for the purchase of goods under the provisions of which payment of the full purchase price is deferred more than 90 days from the delivery of the goods, unless the purchase agreement is approved by the Government in writing.

(c) Reductions in costs.--The Operator shall account for and give the Government credit for any incidental benefits, credits, or money received in the ordinary course of business in prosecuting the work (as by salvage or sale of materials or equipment, furnishing of room or board, furnishing of power or services to third persons, rebates or discounts on purchases, etc.), in the same ratio in which the Government contributes to costs; and such amounts shall be treated as a reduction in costs incurred so that they are available for use within the limit of the original total cost. The provision does not apply to receipts from production which are subject to the Government's royalty under the provisions of Article 7.

ARTICLE 7. Repayment by Operator.--(a) Certification.--If the Government considers that mineral or metal production from the land covered by the contract may be possible as a result of the exploration work, it shall so certify in writing to the Operator at any time not later than six months after a sufficient final report and final accounting (see Article 5) have been furnished.

(b) Royalty on production.--The Operator, whether or not the producer (for example, if the Operator either transfers or does not retains his interest in the land), shall pay to the Government a royalty on all minerals and metals mined or produced from the land as follows:

(1) irrespective of any certification of possible production--from the date of the contract until the lapse of the time within which the government may issue such certification or until the total net amount contributed by the Government is fully repaid with interest, whichever occurs first; or

(2) if the Government issues a certification of possible production--for a period of ten years from the date of the contract, or until the total net amount contributed by the Government is fully repaid with interest, whichever occurs first.

(c) Payment of royalty.--(1) The Government's royalty shall be five percent of the gross proceeds (including any bonuses, premiums, allowances, or other benefits) from the production sold, in the form sold (ore, concentrate, metal or equivalent), at the point of delivery (the f.o.b. point); except, that charges of the buyer arising in the regular course of business and shown as deductions on the buyer's settlement sheets (such as treatment processes performed by the buyer, sampling and assaying to determine the value of the production sold, and freight payable by the buyer to a carrier (not the Operator or producer)), shall be allowed as deductions in arriving at the "gross proceeds" as that term is used herein. No costs of the Operator or Producer are deductible in arriving at the "gross proceeds" as that term is here used.

The term "treatment processes" means those processes (such as milling, concentrating, smelting, refining, or equivalent, but excluding fabricating or manufacturing) applied to the crude ore or other production after it is extracted from the ground to put it into a commercially marketable form.

(2) The Government's royalty shall be computed and paid currently upon each lot sold, held, or used in integrated operations, as the case may be.

(d) Unsold production.--If any production (ore, concentrate, metal, or equivalent), after the lapse of six months from the date the ore was extracted from the ground, remains neither sold nor used in integrated manufacturing or fabricating operations (for instance, if it is stockpiled), the Government, at its option, as long as it so remains, may require the computation and payment of its royalty on the value of such production in the form (ore, concentrate, metal, or equivalent) it is in when the Government elects to require computation and payment. If any production is used in integrated manufacturing or fabricating operations before the Government makes its election, the Government's royalty on such production shall be computed on the value thereof in the form in which and at the time it is so used. "Value" as here used means what is or would be gross income from mining operations for percentage depletion purposes in Federal income tax determination or the market value, whichever is greater.

(e) Lien for payment.--To secure the payment of royalty (see Article 7(b)), the Operator hereby grants to the Government a lien upon his interest in the land and upon any production of minerals and metals therefrom until the royalty claim is extinguished by lapse of time or is fully paid.

(f) Notice to purchasers.--The Operator or producer shall give notice of the Government's claim for royalty to any purchaser of the production, and shall authorize and direct such purchaser to pay the royalty directly to the Government and to furnish the Government with copies of the settlement sheets. If the records of any production and sales or other disposition of production, whether the production is by the Operator or by others, are not made available to the Government, the amount of the royalty may be estimated by the Government, and this estimate shall be final and binding upon the Operator or producer.

(g) No obligation to produce.--Nothing in this contract shall be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any production operations.

(h) Government not obligated to buy.--Nothing in this contract shall be construed as imposing any obligation on the Government to purchase any minerals and metals mined or produced from the land.

ARTICLE 8. Interests in purchased property.--(a) Title and ownership.--All costs under this contract shall be incurred by the Operator in the Operator's own name and for the Operator's own account; but any property acquired to the cost of which the Government contributes shall belong to the Operator and the Government jointly in proportion to their respective contributions although title thereto shall be taken in the name of the Operator.

(b) Preservation of property.--Until the final disposal of any property in which the Government has an interest, the Operator shall preserve and protect same for the best interest of the Government, and any reasonable and necessary cost thereof will be treated as an allowable cost of the exploration. After the completion of the work, termination of the Government's obligation to contribute, or when such property is not being used for the work, the Operator shall not use it elsewhere without the written consent of the Government and without paying a reasonable rental to be fixed by the Government for its proportionate interest.

(c) Disposal of property.--Upon the completion of the work, termination of the Government's obligation to contribute to costs, or when the property is no longer needed for the work, the Operator shall promptly dispose of salable or salvageable property in which the Government has an interest for the joint account of the Government and the Operator, either by return to the vendor, sale to others, purchase by the Operator, or sale or transfer to the Government at a price at least as high as could be obtained from others, unless the Government in writing waives its interest in any such property. Without advance approval of the sales price by the Government, the Operator shall not sell at any price any item of property that cost more than $500, and shall not sell at less than 25 percent of the purchase price any item of property that cost $500 or less. The Government, in lieu of approving the sales price for any such item, may itself purchase the item at the best price which the Operator is able to obtain or offers. Property remaining upon any termination of the work shall be considered in groups or categories (such as drill steel, explosives, pipe, or rail), and if the original cost of the remaining unexpended portion of any such group or category is less than $50, the Government waives its interest therein. If necessary to accomplish the disposal of any item, the Operator shall dismantle and sever it from the land, the cost thereof to be treated as a cost of the exploration.

(d) Default of the Operator re disposal.--If within 90 days after the completion of the work, termination of the Government's obligation to contribute to costs, or after the property is no longer needed for the work, the Operator has failed to sell or otherwise liquidate or dispose of any property in which the Government has an interest, the Government, at any time prior to final settlement under the contract, may:

(1) in writing extend the time within which the Operator must dispose of or liquidate the property;

(2) by written notice to the Operator, place upon such property what it determines to be a fair valuation thereof, not in excess of the cost less 1.66 percent per month from the date such property was purchased under this contract to the termination of said 90-day period; and such property shall thereupon be considered and accounted for as having been purchased by the Operator at the valuation so fixed by the Government; and

(3) enter and take possession of such property wherever it may be found, and remove and dispose of it for the joint account of the parties.

ARTICLE 9. Termination of the Government's obligations.--(a) If the Government determines that operations at any time have failed to achieve anticipated results and further work is not justified, the Government may give the Operator written notice thereof, and thereupon:

(1) the Government shall be free of all obligation to contribute to costs not then incurred other than such as may be allowable under the provisions of the contract as necessary and incidental to final accounting and reporting; and

(2) the Operator shall be free of all obligation to prosecute the work other than such as may be necessary and incidental to final accounting and reporting.

(b) If the Government determines that the Operator is in default under the terms of the contract, the Government may give the Operator written notice of such default with a specification of reasonable time within which the default must be cured; and if the Operator fails to cure such default as required, thereupon:

(1) the Government shall be relieved of all obligation to contribute to costs not incurred when the notice was given, other than such as may be allowable by the provisions of the contract as necessary and incidental to final accounting and reporting; and

(2) the Operator shall be free of all obligation to prosecute the work other than such as may be necessary and incidental to final accounting and reporting.

The Government may also avail itself of any other remedy the law may provide for breach of contract, including the right to rescind the contract and to demand repayment of all moneys contributed by the Government under the contract.

(c) The giving of any notice by the Government under the provisions of this Article 9 shall not affect the Government's rights as provided for in the contract with respect to royalty and liens to secure the payment thereof, and such rights shall be fully preserved.

(d) The determinations of the Government are subject to appeal under Article 13.

ARTICLE 10. Notices to be given by the Government may be delivered to the Operator, or may be sent by certified mail addressed to the Operator at his mailing address stated in this contract. If mailed, notices are deemed to have been delivered five days after the date of mailing.

ARTICLE 11. Officials not to benefit.--No member of or delegate to Congress or resident commissioner shall be admitted to any share or part of this contract or to any benefit that may arise therefrom; but this provision shall not be construed to extend to this contract if made with a corporation for its general benefit.

ARTICLE 12. Nondiscrimination in Employment. The provisions respecting nondiscrimination in employment which are required by section 301 of Executive Order 10925, dated March 6, 1961 as amended and supplemented are attached hereto as Exhibit B and are hereby incorporated in and made a part of this contract.

ARTICLE 13. Disputes.--Any dispute arising under this contract which is not disposed of by agreement shall be decided by the Director, U. S. Geological Survey, who shall reduce his decision to writing and mail or otherwise furnish a copy thereof to the Operator. The decision of the Director, U. S. Geological Survey, shall be final and conclusive unless, within 30 days from the date of receipt of such copy, the Operator mails or otherwise furnishes to the Director, U. S. Geological Survey, a written appeal addressed to the Secretary of the Interior. The decision of the Secretary or his duly authorized representative for the determination of such appeals shall be final and conclusive unless determined by a court of competent jurisdiction to have been fraudulent, or capricious, or arbitrary, or so grossly erroneous as necessarily to imply bad faith, or not supported by substantial evidence.

The term "Director, U. S. Geological Survey," as used herein includes his duly authorized representative.

ARTICLE 14. Work Hours Act of 1962 - Overtime Compensation.--This contract, to the extent that it is of a character specified in the Work Hours Act of 1962 (Public Law 87-581, 76 Stat. 357-360) and is not covered by the Walsh-Healey Public Contracts Act (41 U.S.C. 35-45), is subject to the following provisions and to all other provisions and exceptions of said Work Hours Act of 1962.

(a) Overtime requirements.--No Operator or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any laborer or mechanic to be employed on such work in excess of eight hours in any calendar day or in excess of forty hours in any workweek unless such laborer or mechanic receives compensation at a rate of not less than one and one-half times his basic rate of pay for all hours worked in excess of eight hours in any such calendar day or in excess of forty hours in any such workweek, as the case may be.

(b) Violations; liability for unpaid wages; liquidated damages.--In the event of any violation of the clause set forth in subparagraph (a) of this paragraph, the Operator and any subcontractor responsible therefor shall be liable to any affected employee for his unpaid wages. In addition, such Operator and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for

liquidated damages. Such liquidated damages shall be computed, with respect to each individual laborer or mechanic employed in violation of the clause set forth in subparagraph (a) of this paragraph, in the sum of $10 for each calendar day on which such employee was required or permitted to work in excess of eight hours or in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in subparagraph (a) of this paragraph.

(c) Withholding for unpaid wages and liquidated damages.--The U. S. Geological Survey may withhold or cause to be withheld, from any moneys payable on account of work performed by the Operator or subcontractor, such sums as may administratively be determined to be necessary to satisfy any liabilities of such Operator or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in subparagraph (b) of this paragraph.

ARTICLE 15. Copeland (Anti-Kickback) Act--Nonrebate of wages.--The regulations of the Secretary of Labor applicable to contractors and subcontractors (29 CFR, Part 3), made pursuant to the Copeland Act, as amended (40 U. S. C. 276c) and to aid in the enforcement of the Anti-Kickback Act (18 U. S. C. 874) are made a part of this contract by reference. The Operator will comply with these regulations and any amendments or modifications thereof and will be responsible for the submission of affidavits required of independent contractors thereunder. The foregoing shall apply except as the Secretary of Labor may specifically provide for reasonable limitations, variations, tolerances, and exemptions.

ARTICLE 16. Changes and added provision.--

_____

_____

_____

_____

Executed in quintuplicate the day and year first above written.

GEO-MINERAL EXPLORATION COMPANY

_____
(Operator)

By_____

Title_____

THE UNITED STATES OF AMERICA

By_____
Director, U. S. Geological Survey

I, _____, certify that I am the
(Name)

_____ secretary of the corporation named as Operator herein; that

_____, who signed this contract on behalf of the Operator, was then
(Name)

_____ of said corporation; that said contract was duly signed for
(Title)

and in behalf of said corporation by authority of its governing body, and is within the scope of its corporate powers.

_____

[CORPORATE SEAL]

Please indent each paragraph of Annex I,

and pages 1 and 2 of Exhibit A, 10 spaces as usual.

EXPLORATION CONTRACT
GEO-MINERAL EXPLORATION COMPANY
OME-6765

ANNEX I

The land, including all rights pertaining thereto, referred to in Article 2 of the contract consists of 12 unpatented claims in Secs. 28 and 33, T. 34 N., R. 24 E., Okanogan County, Washington. These claims are recorded in the Okanogan County Auditor's office, Okanogan County, Washington, as follows:

Claim	Book	Page
Murray	16	83
Murray Claim No. 2	18	373
Murray Claim No. 3	18	375
Murray Claim No. 4	18	377
Murray Claim No. 5	18	379
Murray Claim No. 6	18	381
Murray Claim No. 7	18	383
Murray Claim No. 8	18	385
Murray Claim No. 9	18	387
Murray Claim No. 10	18	389
Murray Claim No. 11	18	391
Murray Claim No. 12	18	393

The Operator is in possession of the Murray Claim by virtue of a Mining Lease and Option Agreement, dated August 30, 1968, from Wm. B. Helphrey and Mae E. Helphrey, husband and wife, lessors and owners of the claim. A notice of renewal dated July 10, 1969, extends the agreement five years from September 1, 1969. There is an option to renew for a second five year term or until September 1, 1979. A Lien and Subordination Agreements executed by the owners of the Murray Claim is attached hereto and made part hereof.

The Operator holds the 11 unpatented claims, Murray Claim No. 2 through Murray Claim No. 12, by right of location.

The claims are shown on figure 1, entitled "Property Map, Geo-Mineral Exploration Company, Okanogan County, Washington," attached hereto and made a part hereof.

Description of the work

The work shall consist of diamond drilling a maximum of 8 holes totaling not more than 1500 feet, including overburden drilling. The approximate location of the drill holes are shown on figure 2 entitled, "Proposed exploration, Geo-Mineral Exploration Company, Okanogan County, Washington," attached and made part hereof.

The hole number, approximate bearing, inclination, and approximate length of each hole are as follows:

Hole No.	Bearing	Inclination	Approximate length 1/ (feet)
1	S.85° E.	-60°	150
1A 2/	vertical	vertical	250
2	N.85° E.	-40°	150
2A 2/	vertical	vertical	220
3	N.75° E.	-50°	150
3A 2/	vertical	vertical	230
4	N.60° E.	-50°	140
4A 2/	vertical	vertical	200
			1490 3/

1/ No hole shall be drilled for more than 20 feet beyond a vein zone.
2/ Holes 1A, 2A, 3A, or 4A shall not be drilled unless a vein is intersected in the corresponding inclined hole number 1, 2, 3, or 4.
3/ Estimated total length of 1500 feet to allow for changes in dip of vein with depth that might require longer vertical holes as herein indicated

The order of drilling will be dependent on results of the first hole at each drill site; if the inclined hole at each site fails to intersect the vein, then no vertical hole will be drilled at that site. The probable order of drilling will be 4, 4A; 3, 3A; 2, 2A; and 1, 1A; because the higher numbered holes are at lower altitudes than the lower numbered holes.

The operator will prepare, at his own expense, suitable drill sites for the contract diamond driller.

Estimated Costs of the Project

Actual Costs

Category (1) Independent Contracts

Drilling

Mobilization and demobilization of drill rig	$ 1,000.00
Moving between drill sites and setting up drill rigs, 3 operations @ $150.00 each	450.00
Diamond core and overburden drilling, 1,500 feet	12,630.00

Depth, feet	Rate/foot NC	NX	BX	AX
0-250	$8.00	$8.45	$8.20	$7.75

Casing installation and removal, 200 feet at $0.30/foot	60.00	
Cementing and redrilling, 10 hours @ $14.00/hour	140.00	
Casing lost in completed holes, 50 feet @ $2.00/foot	100.00	
Core boxes, 150 wood @ $3.50/each, 300 cardboard @ $1.00/each	525.00	
Cement, cement substitutes, drill muds, additives	70.00	
Sludge collection and sampling supplies	50.00	
Total Category (1)		$15,025.00

Category (2) Personal Services

None except:

Subcategory (2) Supervision and Technical Services

Supervisor, 2 months at $1,000/month, includes mileage between Okanogan or Republic, Washington, and drill area	$ 2,000.00	
Geologist-Engineer-Consultant, 5 days @ $75.00/day	375.00	
		2,375.00

Category (7) Miscellaneous

None except:

Assaying, 20 samples		
Gold and silver @ $5.00/sample	$ 100.00	
Mileage and per diem, consultant	100.00	
Office expenses, 2 months @ $50.00/month	100.00	
Payroll taxes, F.I.C.A., insurance	300.00	
		600.00
Total Estimated Costs		$18,000.00

S U M M A R Y

Total Estimated Cost of Project	$18,000.00
Government Participation @ 75 percent	$13,500.00

U.S. GEOLOGICAL SURVEY
OFFICE OF MINERALS EXPLORATION

OME 6765(SILVER)

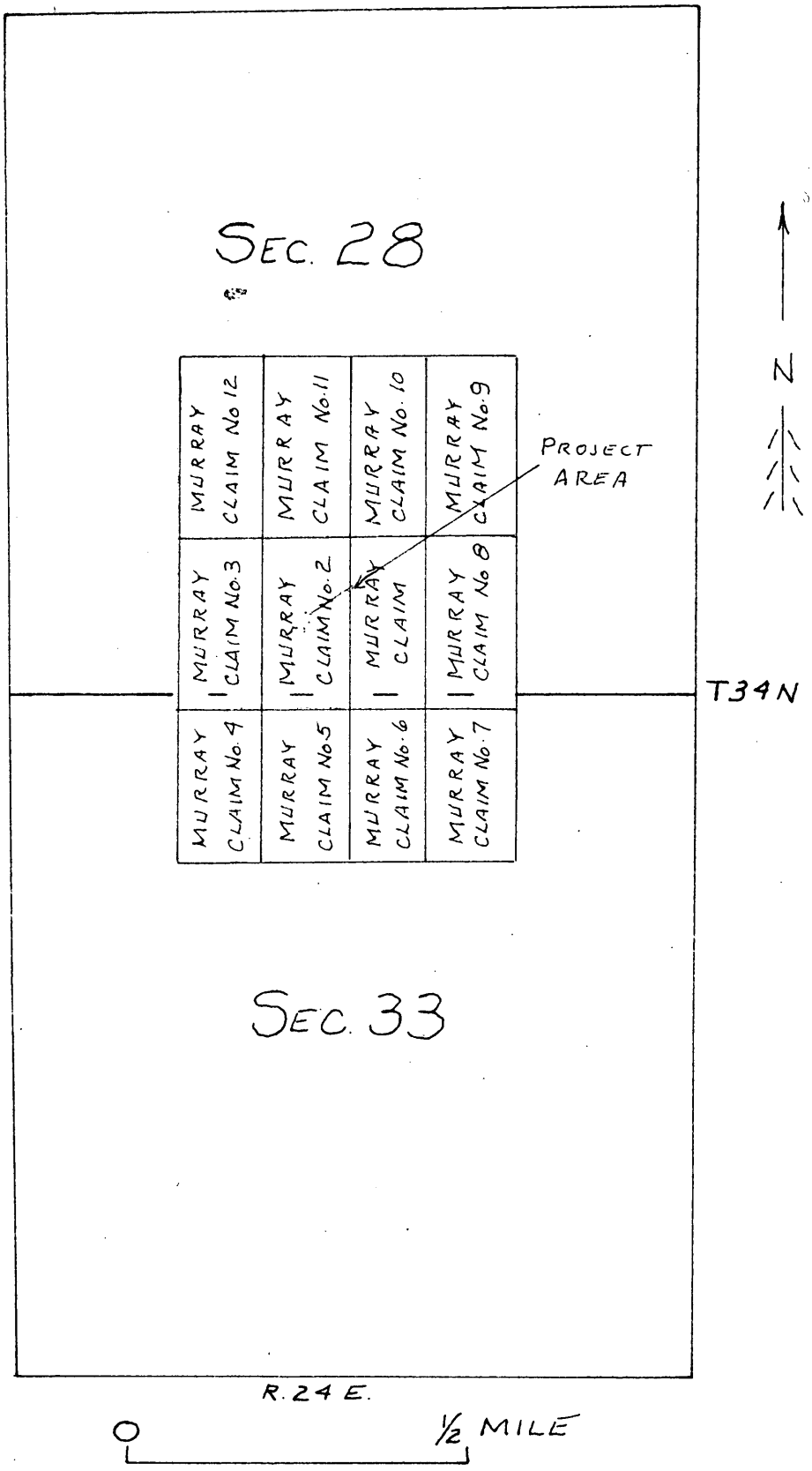


FIGURE 1- PROPERTY MAP, GEO-MINERAL EXPLORATION COMPANY, OKANOGAN COUNTY, WASHINGTON

U. S. GEOLOGICAL SURVEY
OFFICE OF MINERALS EXPLORATION

OME 6765(SILVER)

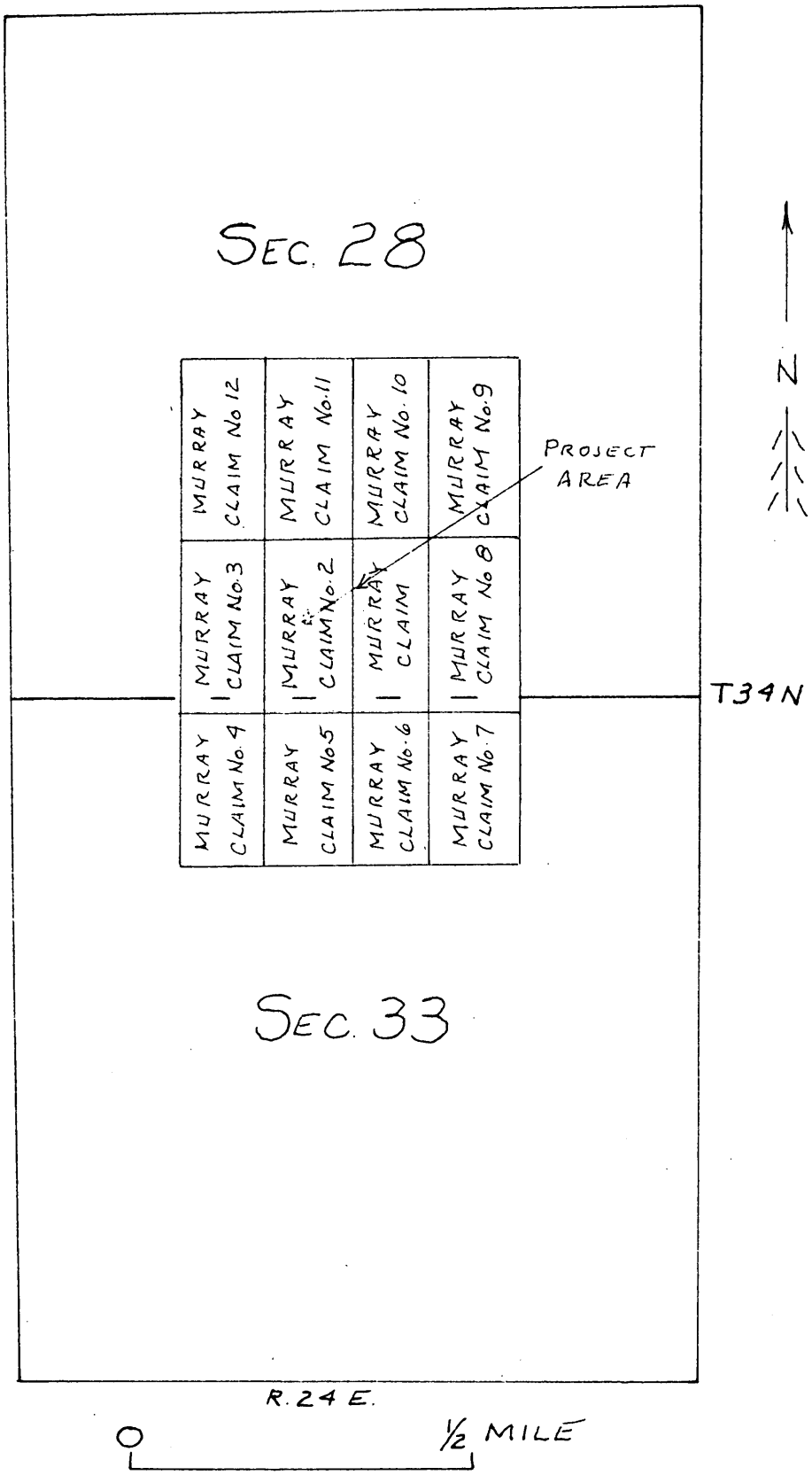


FIGURE 1 – PROPERTY MAP, GEO-MINERAL EXPLORATION COMPANY, OKANOGAN COUNTY, WASHINGTON

U. S. GEOLOGICAL SURVEY
OFFICE OF MINERALS EXPLORATION

OME 6765(SILVER)

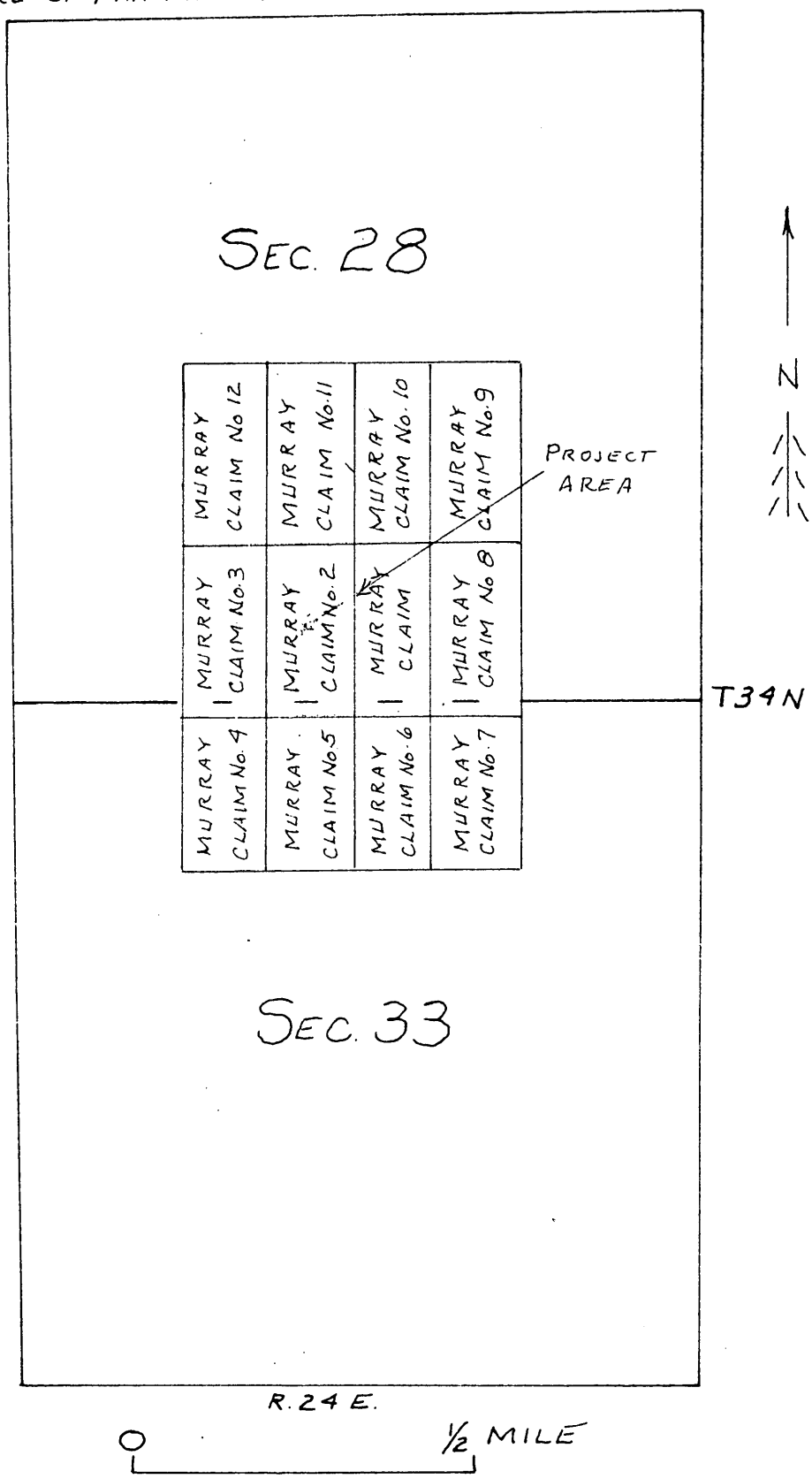
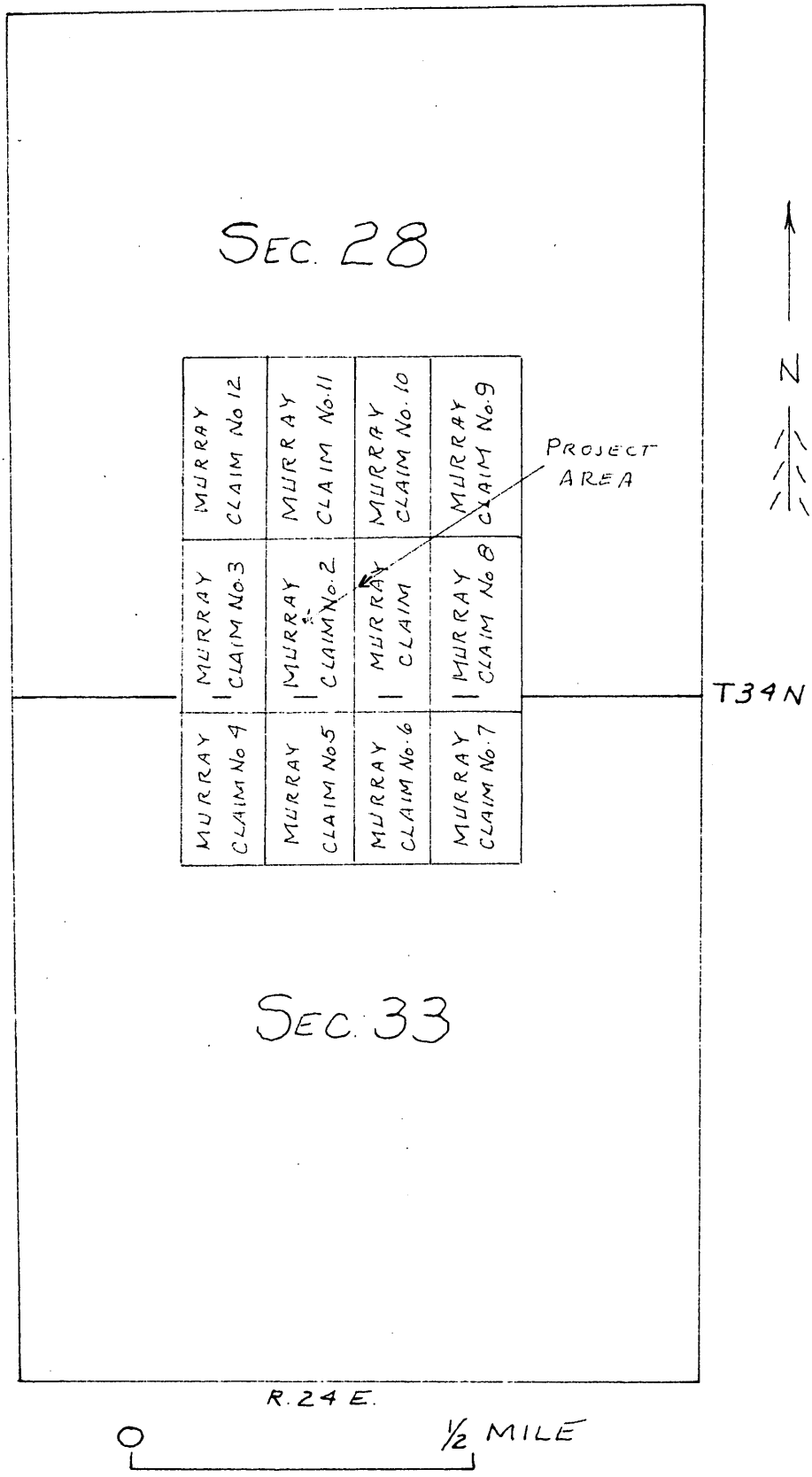


FIGURE 1 — PROPERTY MAP, GEO-MINERAL EXPLORATION COMPANY, OKANOGAN COUNTY, WASHINGTON

U.S. GEOLOGICAL SURVEY
OFFICE OF MINERALS EXPLORATION

OME 6765(SILVER)



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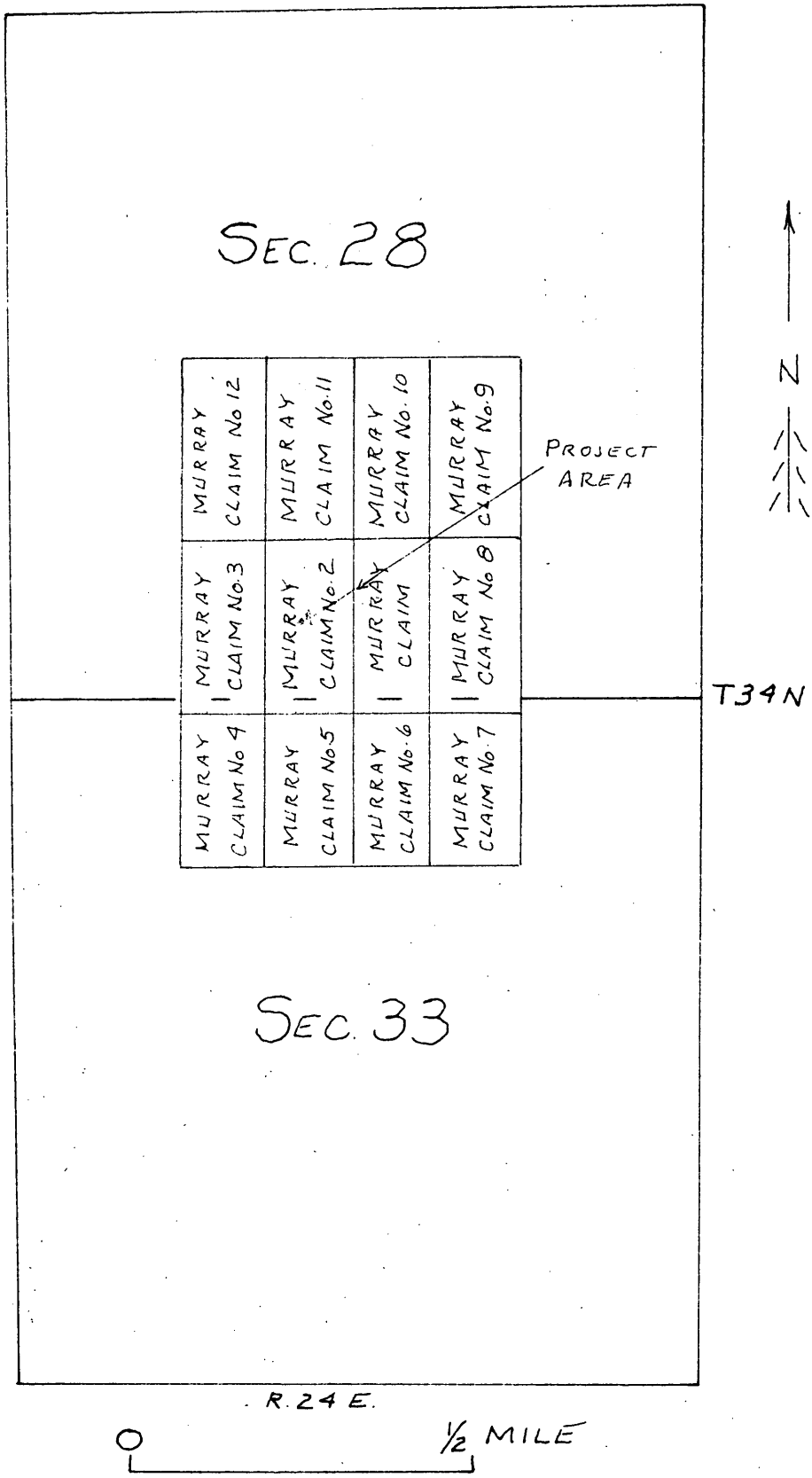
U.S. GEOLOGICAL SURVEY
OFFICE OF MINERALS EXPLORATION

OME 6765 (SILVER)



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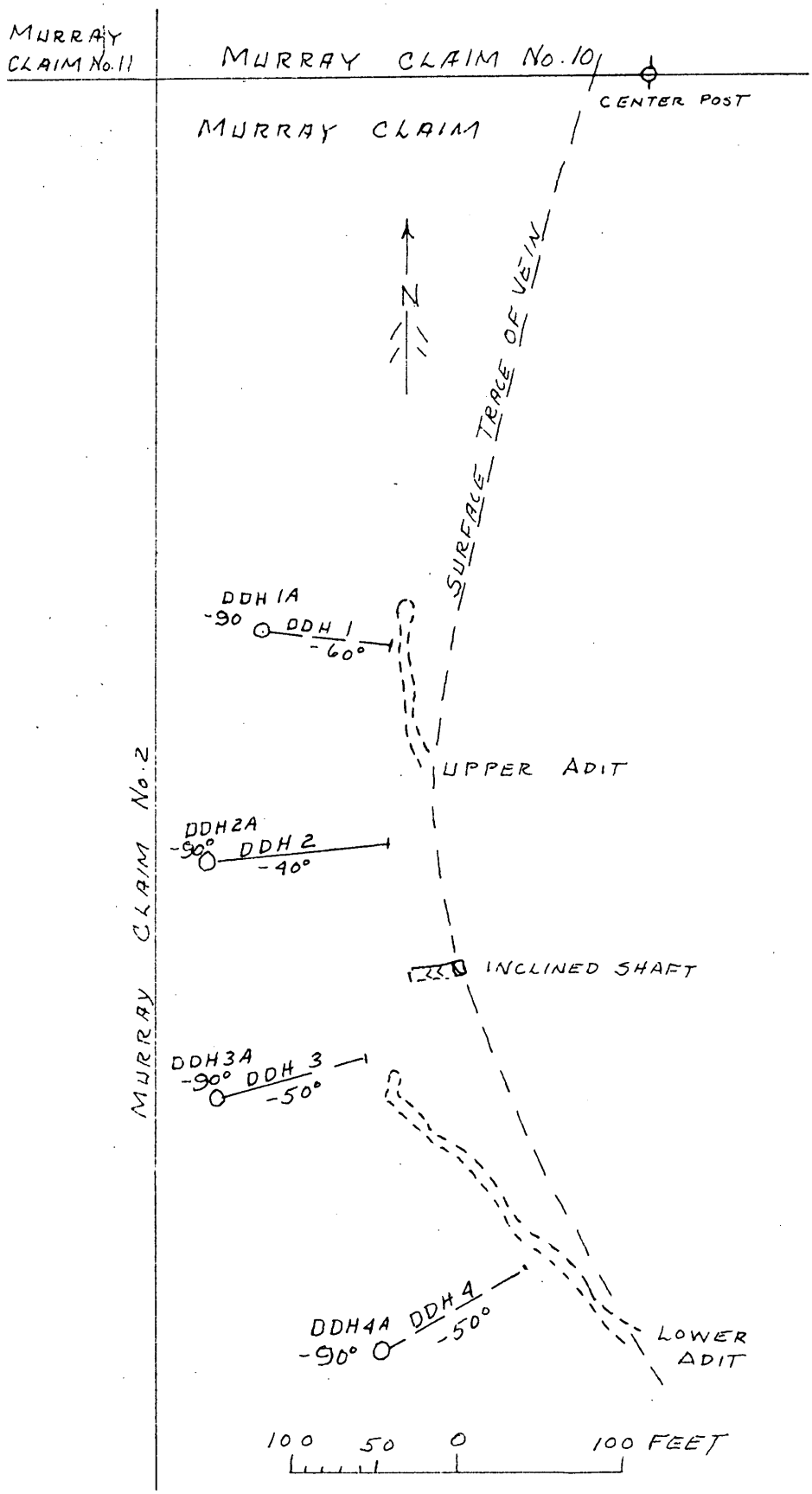
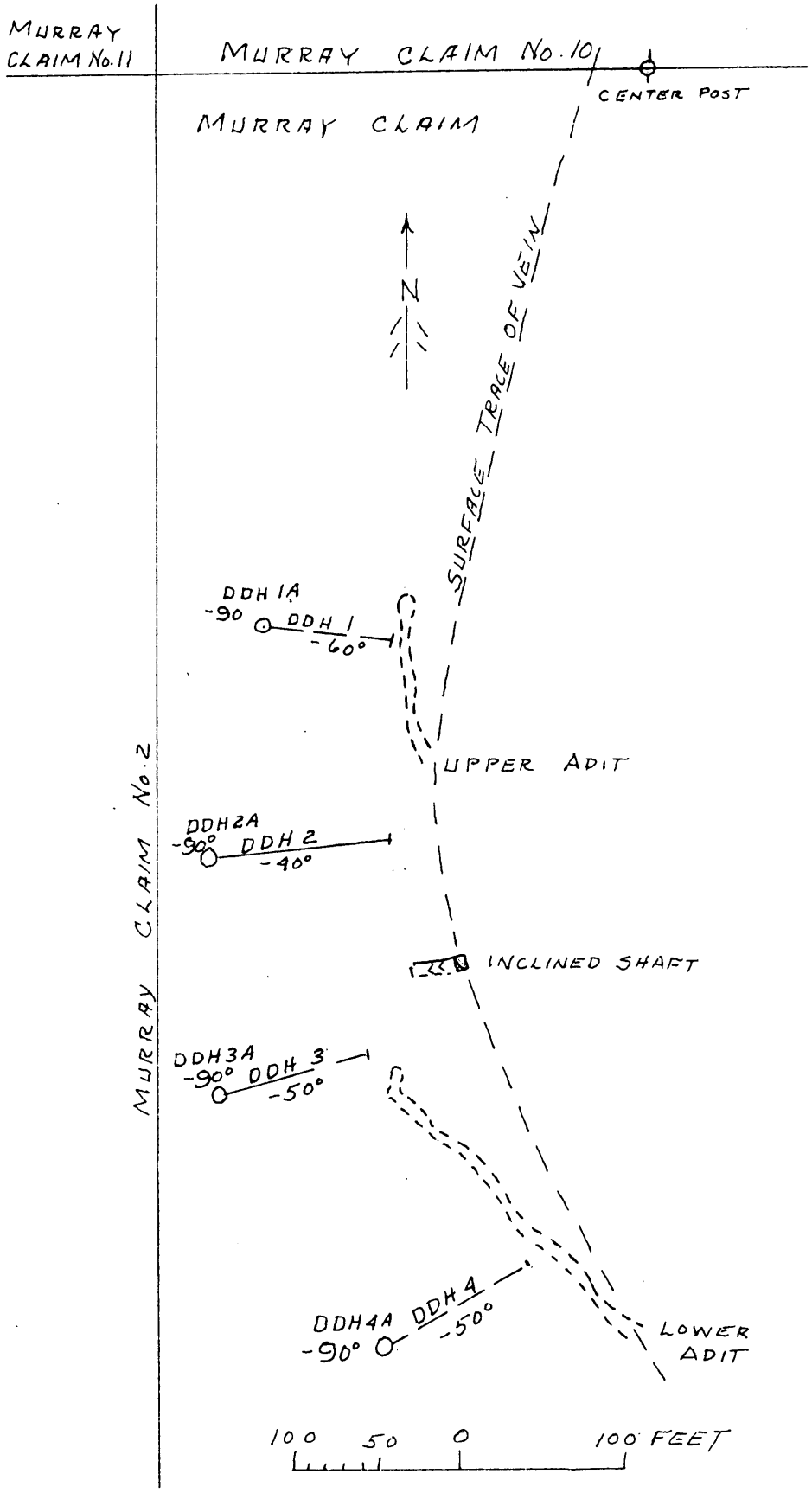


FIGURE 2 - PROPOSED EXPLORATION, GEO-MINERAL EXPLORATION COMPANY, OKANOGAN COUNTY, WASHINGTON



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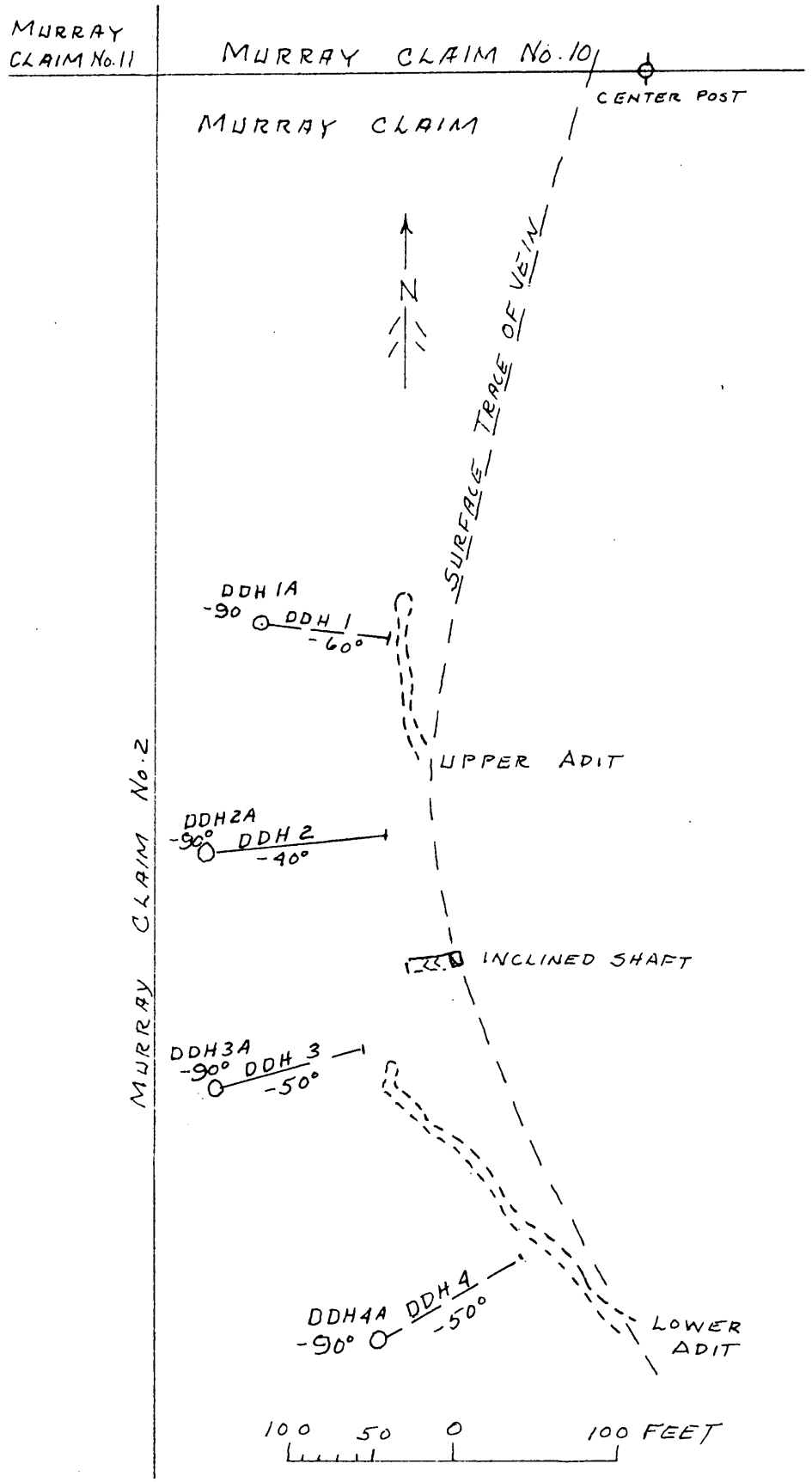
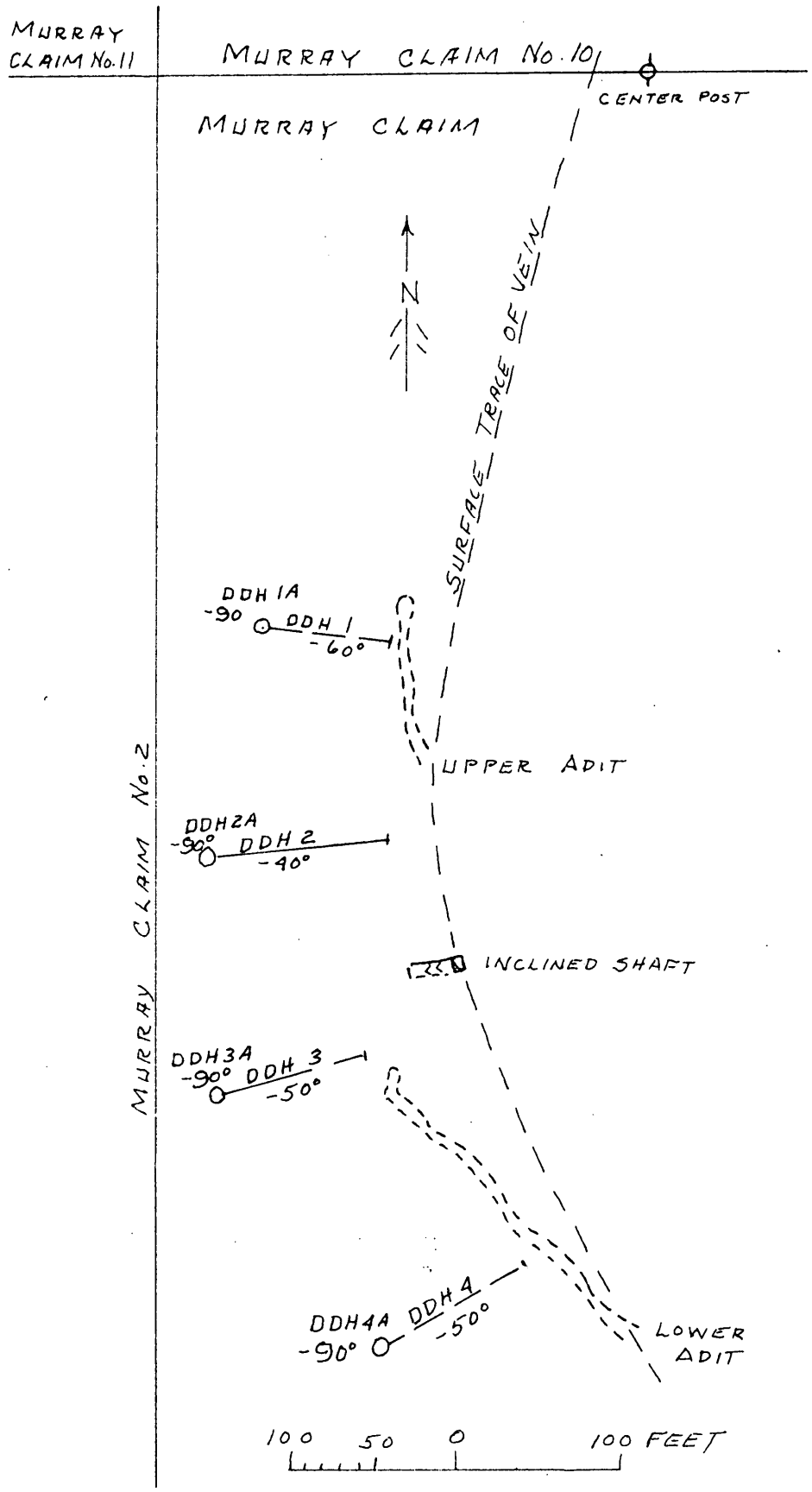


FIGURE 2- PROPOSED EXPLORATION, GEO-MINERAL EXPLORATION COMPANY, OKANOGAN COUNTY, WASHINGTON

U.S. GEOLOGICAL SURVEY
OFFICE OF MINERALS EXPLORATION

OME 6765 (SILVER)



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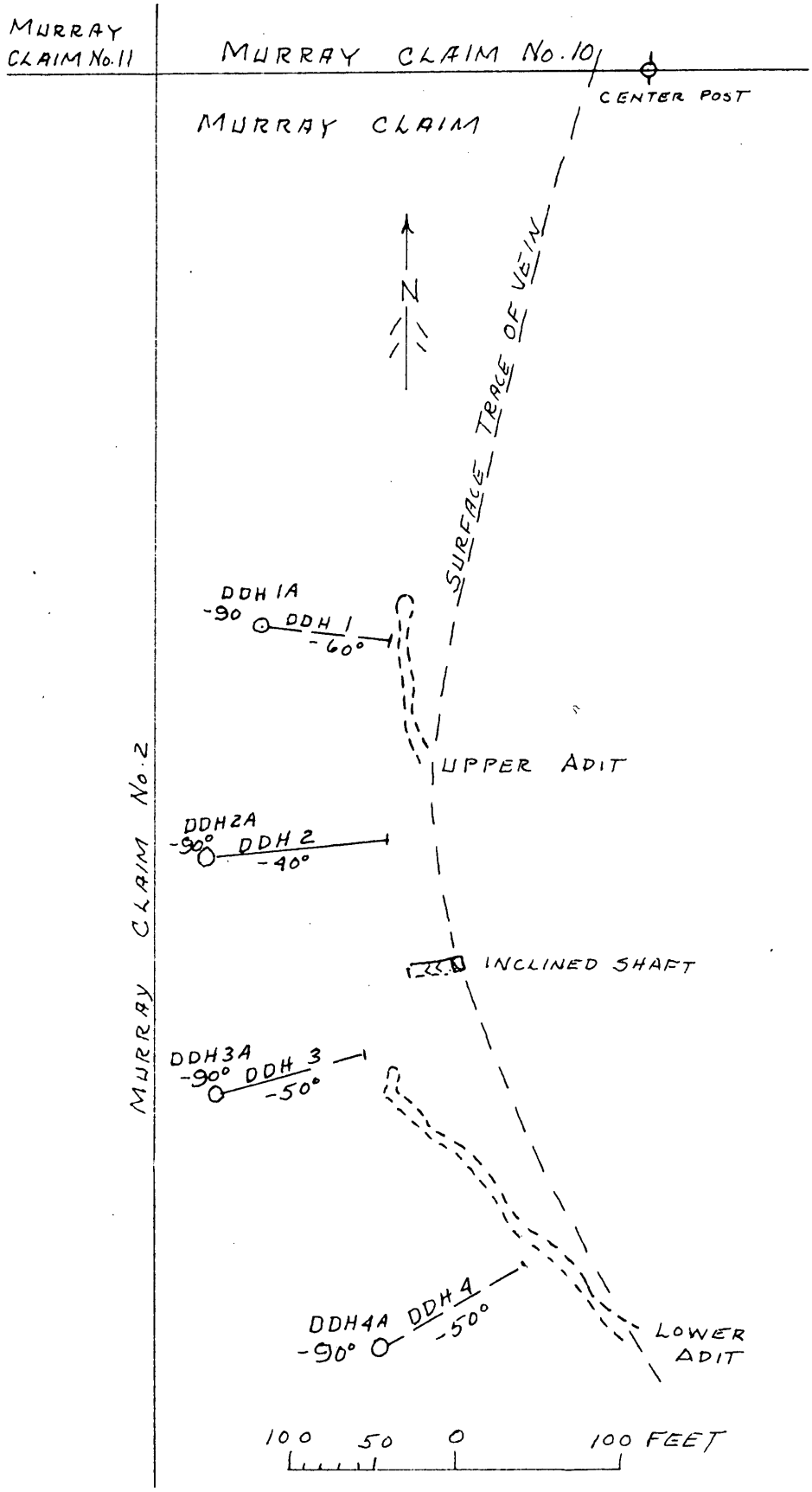

FIGURE 2.- PROPOSED EXPLORATION, GEO-MINERAL EXPLORATION COMPANY, OKANOGAN COUNTY, WASHINGTON

EXPLORATION CONTRACT

GEO-MINERAL EXPLORATION COMPANY
OME-6765

EXHIBIT A

The purpose of this project is to explore by diamond drilling from surface sites for silver-bearing ore bodies in and along a quartz vein cutting granite.

General provisions

Holes shall be drilled not less than 100 feet from the outer boundaries of the land outlined on figure 1.

All drill holes shall be cased through overburden and completed with not less than Standard AX core size or equivalent wire line size.

Diamond drill core shall be stored in boxes identified by hole number with markers in the core sections indicating the depths represented.

Facilities shall be provided for recovering drill sludge, and such sludge shall be retained when drilling in significantly mineralized rock.

Significantly mineralized core from hole intervals not exceeding 5 feet each shall be split and one split assayed for gold and silver. Wherever the core recovery is less than 60 percent, a split of the corresponding retained sludge and a split of the recovered core shall be assayed separately, and the assay results combined according to standard practice to represent a single sample.

The remaining core shall be stored in proper sequence with the unsampled core, and the remaining sludge shall be stored in suitable containers properly identified as to source and location. Stored samples shall be made available for Government inspection and possible use, and may be disposed of with prior Government approval.

All drill holes shall be logged, and true copies and maps or sketches showing the work completed during the reporting period, the location and width of all samples taken, and the geological formations and structures traversed by the drill holes shall be furnished monthly to the Government.

The Operator shall provide such supervision, labor, and technical services as may be required to perform the work in a satisfactory manner.

The location, direction, and extent of each work item shall be subject to Government approval.

The Government will not participate in the costs incurred for incomplete drill holes or for casing left in a hole at the request of the Operator.

Box 192
Omak, Washington 98841

September 17, 1970

OFFICIAL COPY
W. E.
2 1 1970
CODE
bal 120
HK 120
120

Geo-Mineral Exploration Company
Box 321
Republic, Washington

Re: Right of access across school land to Murray Claim.

Gentlemen:

I am sorry for the delay, however, the fire situation has interrupted many activities of late.

The State of Washington has no objection to Geo-Mineral Exploration Company using the road to enter their exploration area. We would expect, however, your pro rata share of the maintenance. Of course if materials are found a road use permit would have to be obtained.

Please notify us when you enter and upon leaving, at conclusion of your activities. We wish to be informed of persons in the area. Rules regarding fire regulations would have to be complied with.

Sincerely yours,

BERT L. COLE
Commissioner of Public Lands

By Edwin W. Smith
Edwin W. Smith
District Administrator

EWS:cs
cc: Office of Minerals Exploration
U.S. Geological Survey
Washington, D. C. 20242

OFFICE OF MINERALS EXPLORATION
656 U. S. Court House
W. 920 Riverside Ave.
Spokane, Wash. 99201

July 23, 1970

OFFICIAL COPY
O. M. E.
RECEIVED
JUL 28 1970
INITIAL CODE

Mr. R. W. Glenny, Manager
Geo-Mineral Exploration Company
P. O. Box 321
Republic, Washington 99166

Re: OME 6765 (Silver)
Murray Claim
Okanogan County, Washington

Dear Mr. Glenny:

We are concerned whether you will have the right of access across the school land to your exploration site after the expiration of the Washington State Mineral Prospecting Lease on October 28, 1970.

We need a letter from a State official giving you permission to cross their land. If you can get such a letter, send it directly to the Chief, Office of Minerals Exploration, U. S. Geological Survey, Washington, D. C. 20242, in order to expedite action on your application, for I plan to be out of the office for several days.

Sincerely,

Willard P. Puffett
Field Officer, Region I
Office of Minerals Exploration

cc: OME

Curlew, Washington
July 18, 1970

OFFICIAL COPY
O. M. E.
RECEIVED
JUL 23 1970
INITIALS | CODE
1 30
bsl 1 20 NE
HK 1 20
WE 1 20 E

Office of Minerals Exploration
656 U. S. Court House
W. 920 Riverside Avenue
Spokane, Washington 99201

Re: OME 6765

Gentlemen:

This is to certify that Geo-Mineral Exploration Company has paid the minimum royalty in accordance with paragraph three (3) of the lease.

Geo-Mineral Exploration Company has complied with all terms of the lease including the payment of $1000.00 and that an extension has been granted.

Very truly yours,

Wm. B. Helphrey

Wm. B. Helphrey

Mae E. Helphrey

Mae E. Helphrey

CONTROL	NAME	CODE	DISTRICT DESCRIPTION	CODE	COUNTY DESCRIPTION
10 059103	GEO-MINERAL EXPLORATION CO.	15	OMAK	26	OKANOGAN

DATE	DESCRIPTION OF CHARGES	AMOUNT
08 21 69	10 MINERAL PROSPECTING LEASE	150 00
	PLEASE PAY THIS AMOUNT --	150 00

CONTROL	INVOICE NUMBER	ITEM	FUND	SOURCE	S SOURCE	TRUST	DIST	COUNTY	PORT	ACCOUNT	AMOUNT
10 059	07 7	10	041	402	0		03	15	26	1138	30 00
10 059	07 045	11	113	402	0		03	15	26	1138	120 00

FOR OFFICIAL USE ONLY

Ck #197
10/22/69

KEEP THIS PORTION FOR YOUR RECORDS

OFFICE OF MINERALS EXPLORATION
656 U. S. Court House
W. 920 Riverside Ave.
Spokane, Wash. 99201

ORIGINAL
COPY
O. M. E.
RECEIVED
JUL 20 1970
WITH CODE

July 16, 1970

Mr. R. W. Glenny, Manager
Geo-Mineral Exploration Company
P. O. Box 321
Republic, Washington 99166

Re: OME 6765 (Silver)
Geo-Mineral Exploration Co.
Murray Claim
Okanogan County, Washington

Dear Mr. Glenny:

The Lien and Subordination Agreements (MME Form 52) formerly submitted with your application are incomplete. Enclosed are five new forms plus an example on which I have inserted the required wording in several of the blanks. Please complete the five new forms, have them signed, insert the correct date, and return to this office.

For our information, it is necessary that we have evidence that your Washington State Mineral Prospecting Lease No. 59108 has been extended or converted to a Mining Contract. Although the schoolland is not to be the subject of the proposed contract, it is necessary that we know that you control it.

The letter from the owners of the Murray Claim did not state whether you had paid the minimum advance royalty in accordance with paragraph three (3) of the lease. If this has been done, please obtain a letter from the owners stating that you have complied with all terms of the lease including the payment of $_____, and that an extension has been granted.

Your early attention to the above matters will expedite action on your application.

Sincerely,

Enclosures

Willard P. Puffett
Field Officer, Region I
OME

cc: OME

MME Form 52
Jan. 1959

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

FOR GOVERNMENT USE ONLY
Operator
Docket No. OME –
Contract No. 14-23-090 –
Contract Date

LIEN AND SUBORDINATION AGREEMENTS[1]

To the United States of America:

That certain land in the County of Okanogan, State of Washington,

described as follows:[2] Murray Claim, located in Okanogan County.

Sections 28 and 33, Township 34 N., Range 24 E. recorded in Book 16, Page 83 of the official records in the Okanogan County Auditors office, Okanogan County, Washington

hereinafter called the "land", is the subject of a proposed exploration contract, hereinafter called the "Contract", between the United States of America, hereinafter called the "Government" and

GEO-MINERAL EXPLORATION COMPANY[3]

hereinafter called the "Operator". In consideration for and as an inducement to the Government executing the Contract, the undersigned:

1. (a) Being the owner of an interest in the land, hereby grants to the Government a lien upon all of his right, title, and interest in the land and upon any production of minerals therefrom to secure the payment to the Government of the royalty on production provided for by the Contract, and agrees if the Operator's interest should be surrendered or terminated at any time prior to the expiration of the rights of the United States under said Contract to pay royalty to the Government according to the terms of said Contract; or

(b) Being the holder of a claim, lien, or encumbrance against the land, hereby subordinates his claim, lien, or encumbrance in or against the land and in any production therefrom to the rights of the Government under the Contract with respect to royalty on production and liens to secure same.[4]

2. Undertakes and agrees that property in which the Government may acquire an interest or equity under the Contract may be dismantled, severed from the land, and removed as may be provided in the Contract; and the Government's interest and equity in such property shall be prior and superior to any adverse right or claim of the undersigned.

3. Represents and undertakes that there is no claim, lien, or encumbrance upon the undersigned's right, title, claim, or interest in or against the land other than the following: (If "none" insert the word "none". Do not leave blank.)

NONE

1/ Production from the land is not required, and in the absence of production there is no obligation to pay royalty to the Government.

2/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease /or contract, deed, or other document/ dated_____, and recorded in Book____, Page____, official records of said county". If (b) is used, the book and page of recordation must be inserted above. If the space provided is insufficient, use an Annex and refer to the Annex in the space.

3/ Insert name exactly as it appears in the Application MME Form 40.

4/ Subparagraph 1(a) does not apply to the holder of a claim, lien, or encumbrance.

4. Undertakes and agrees (a) neither to commit any act nor assert any claim in conflict with the provisions of this Agreement; and (b) to give advance notice of the Government's rights under this agreement to any subsequent transferee, mortgagee, encumbrancer, or lessee of any of the undersigned's right, title, claim, or interest in or against the land or any production therefrom, furnishing the Government with two true copies of such notice; and

5. Consents to all amendments (including an agreement of termination) and assignments of the Contract without notice thereof, and undertakes and agrees that this agreement shall extend and apply thereto.

6. Added provisions NONE (State "None" or "See Annex No.____".)

Dated this 3 day of December, 19 68.

Stan B. Helphrey (Seal)	23 River St Curlew, Washington Zip?	(Street) (City & State)
Mae L. Helphrey (Seal)	23 River St. Curlew, Washington	(Street) (City & State)
(Seal)		(Street) (City & State)
(Seal)		(Street) (City & State)
(Seal)		(Street) (City & State)
(Seal)		(Street) (City & State)

I, _____ (Name), certify that I am the _____ (Title—Secretary, etc.) of the corporation named herein; that _____ (Name), who signed this agreement was then _____ (Title—Pres., Vice-Pres., etc.) of said corporation; that said agreement was duly signed for and in behalf of said corporation by authority of its governing body, and was within the scope of its corporate powers.

_____ (Corporate Seal)

INT.-DUP. SEC., WASH., D.C. 21103

MME Form 52
Jan. 1959

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

FOR GOVERNMENT USE ONLY
Operator
Docket No. OME –
Contract No. 14-23-090 –
Contract Date

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Sections 28 and 33, Township 34 N., Range 24 E.

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GEO-MINERAL EXPLORATION COMPANY [3]

hereinafter called the "Operator". In consideration for and as an inducement to the Government executing the Contract, the undersigned:

1. (a) Being the owner of an interest in the land, hereby grants to the Government a lien upon all of his right, title, and interest in the land and upon any production of minerals therefrom to secure the payment to the Government of the royalty on production provided for by the Contract, and agrees if the Operator's interest should be surrendered or terminated at any time prior to the expiration of the rights of the United States under said Contract to pay royalty to the Government according to the terms of said Contract; or

(b) Being the holder of a claim, lien, or encumbrance against the land, hereby subordinates his claim, lien, or encumbrance in or against the land and in any production therefrom to the rights of the Government under the Contract with respect to royalty on production and liens to secure same.[4]

2. Undertakes and agrees that property in which the Government may acquire an interest or equity under the Contract may be dismantled, severed from the land, and removed as may be provided in the Contract; and the Government's interest and equity in such property shall be prior and superior to any adverse right or claim of the undersigned.

3. Represents and undertakes that there is no claim, lien, or encumbrance upon the undersigned's right, title, claim, or interest in or against the land other than the following: (If "none" insert the word "none". Do not leave blank.)

NONE

1/ Production from the land is not required, and in the absence of production there is no obligation to pay royalty to the Government.

2/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease /or contract, deed, or other document/ dated_____, and recorded in Book_____, Page____, official records of said county". If (b) is used, the book and page of recordation must be inserted above. If the space provided is insufficient, use an Annex and refer to the Annex in the space.

3/ Insert name exactly as it appears in the Application MME Form 40.

4/ Subparagraph 1(a) does not apply to the holder of a claim, lien, or encumbrance.

4. Undertakes and agrees (a) neither to commit any act nor assert any claim in conflict with the provisions of this Agreement; and (b) to give advance notice of the Government's rights under this agreement to any subsequent transferee, mortgagee, encumbrancer, or lessee of any of the undersigned's right, title, claim, or interest in or against the land or any production therefrom, furnishing the Government with two true copies of such notice; and

5. Consents to all amendments (including an agreement of termination) and assignments of the Contract without notice thereof, and undertakes and agrees that this agreement shall extend and apply thereto.

6. Added provisions NONE (State "None" or "See Annex No.____".)

Dated this 3 day of December, 19 62.

Wm B. Helphrey	(Seal)	23 River St Curlew, Washington	(Street) (City & State)
Mae E Helphrey	(Seal)	23 River St Curlew, Washington	(Street) (City & State)
	(Seal)		(Street) (City & State)
	(Seal)		(Street) (City & State)
	(Seal)		(Street) (City & State)
	(Seal)		(Street) (City & State)

I, _____ (Name), certify that I am the _____ (Title—Secretary, etc.) of the corporation named herein; that _____ (Name), who signed this agreement was then _____ (Title—Pres., Vice-Pres., etc.) of said corporation; that said agreement was duly signed for and in behalf of said corporation by authority of its governing body, and was within the scope of its corporate powers.

_____
(Corporate Seal)

INT.-DOP. SEC., WASH., D.C. 21103

MME Form 52
Jan. 1959

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

FOR GOVERNMENT USE ONLY
Operator
Docket No. OME –
Contract No. 14-23-090 –
Contract Date

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(b) Being the holder of a claim, lien, or encumbrance against the land, hereby subordinates his claim, lien, or encumbrance in or against the land and in any production therefrom to the rights of the Government under the Contract with respect to royalty on production and liens to secure same.[4]

2. Undertakes and agrees that property in which the Government may acquire an interest or equity under the Contract may be dismantled, severed from the land, and removed as may be provided in the Contract; and the Government's interest and equity in such property shall be prior and superior to any adverse right or claim of the undersigned.

3. Represents and undertakes that there is no claim, lien, or encumbrance upon the undersigned's right, title, claim, or interest in or against the land other than the following: (If "none" insert the word "none". Do not leave blank.)

NONE

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4/ Subparagraph 1(a) does not apply to the holder of a claim, lien, or encumbrance.

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5. Consents to all amendments (including an agreement of termination) and assignments of the Contract without notice thereof, and undertakes and agrees that this agreement shall extend and apply thereto.

6. Added provisions ____ None ____ (State "None" or "See Annex No.____".)

Dated this 8 day of December, 19 66.

Fred B. Helphrey	(Seal)	23 River St Curlew, Washington (Street) (City & State)
Mae E. Helphrey	(Seal)	23 River st. Curlew, Washington (Street) (City & State)
	(Seal)	(Street) (City & State)
	(Seal)	(Street) (City & State)
	(Seal)	(Street) (City & State)
	(Seal)	(Street) (City & State)

I, _____ (Name), certify that I am the _____ (Title—Secretary, etc.) of the corporation named herein; that _____ (Name), who signed this agreement was then _____ (Title—Pres., Vice-Pres., etc.) of said corporation; that said agreement was duly signed for and in behalf of said corporation by authority of its governing body, and was within the scope of its corporate powers.

_____ (Corporate Seal)

MME Form 52
Jan. 1959

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

FOR GOVERNMENT USE ONLY
Operator
Docket No. OME –
Contract No. 14-23-090 –
Contract Date

LIEN AND SUBORDINATION AGREEMENTS[1]

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5. Consents to all amendments (including an agreement of termination) and assignments of the Contract without notice thereof, and undertakes and agrees that this agreement shall extend and apply thereto.

6. Added provisions NONE (State "None" or "See Annex No.____".)

Dated this 3 day of December, 19 68.

Ann B. Helphrey	(Seal)	23 River St Curlew, Washington	(Street) (City & State)
Mae E. Helphrey	(Seal)	23 River St. Curlew, Washington	(Street) (City & State)
	(Seal)		(Street) (City & State)
	(Seal)		(Street) (City & State)
	(Seal)		(Street) (City & State)
	(Seal)		(Street) (City & State)

I, _____ (Name), certify that I am the _____ (Title—Secretary, etc.) of the corporation named herein; that _____ (Name), who signed this agreement was then _____ (Title—Pres., Vice-Pres., etc.) of said corporation; that said agreement was duly signed for and in behalf of said corporation by authority of its governing body, and was within the scope of its corporate powers.

_____
(Corporate Seal)

MME Form 52
Jan. 1959

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

FOR GOVERNMENT USE ONLY
Operator
Docket No. OME –
Contract No. 14-23-090 –
Contract Date

LIEN AND SUBORDINATION AGREEMENTS[1]

To the United States of America:

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3/ Insert name exactly as it appears in the Application MME Form 40.

4/ Subparagraph 1(a) does not apply to the holder of a claim, lien, or encumbrance.

4. Undertakes and agrees (a) neither to commit any act nor assert any claim in conflict with the provisions of this Agreement; and (b) to give advance notice of the Government's rights under this agreement to any subsequent transferee, mortgagee, encumbrancer, or lessee of any of the undersigned's right, title, claim, or interest in or against the land or any production therefrom, furnishing the Government with two true copies of such notice; and

5. Consents to all amendments (including an agreement of termination) and assignments of the Contract without notice thereof, and undertakes and agrees that this agreement shall extend and apply thereto.

6. Added provisions NONE (State "None" or "See Annex No.____".)

Dated this 3 day of December, 19 68.

Hen B. Helphrey	(Seal)	23 River St Curlew, Washington	(Street) (City & State)
Mae E. Helphrey	(Seal)	23 River St. Curlew, Washington.	(Street) (City & State)
	(Seal)		(Street) (City & State)
	(Seal)		(Street) (City & State)
	(Seal)		(Street) (City & State)
	(Seal)		(Street) (City & State)

I, _____ (Name), certify that I am the _____ (Title—Secretary, etc.) of the corporation named herein; that _____ (Name), who signed this agreement was then _____ (Title—Pres., Vice-Pres., etc.) of said corporation; that said agreement was duly signed for and in behalf of said corporation by authority of its governing body, and was within the scope of its corporate powers.

_____ (Corporate Seal)

INT.-DOP. SEC., WASH., D.C. 21103

Geo Mineral Exploration Co

1. Applicants' share to be pd by rec by assessing partners
No prior liens on partners

2. § 1a (applicn) says p's will put their sh in escrow

3. Murray claim accdg to Old Off is filed & recorded - presumably in Helphey name in the "Auditor's office" ??? - p 2 of rpt

4. Applicn remitted pursuant to applicants' req of 12/16/69
Natl Bk of Comm Ltr of Denial 12/3/69
Seattle 1st Natl " " " 12/4/69
No cy of applicants' ltr of 12/1 to S. FNB

5. Columbia Cascade Mineral Corp
assignee of the Helphey lease (Murray Cl.)

~~7 why are other claims overlap?~~
8 why use long form?
9. Why is it rec that RDO control sch land?
7/16/70 ltr How can it be ext'd? §7.03 of lease says no renewal for yr.

Sch. grant permit to cross OK

1 ORIG
1 Open
3 FC of OJ
1 Box

We are ~~not familiar with the present difficulty of obtaining dollars from the United Kingdom~~

EE Lewis Jr

8/7/70 Ltr ~~all~~ 3 cys of KP/bg got and sent to Oper - he (s) + returns all cys, the bus cy was returned to him?

10 Is the description on the lease agreement accurate?

No!!!

Portion of the
W 1/2 SW 1/4 SE 1/4 of Sec 28 + of the
W 1/2 NW 1/4 NE 1/4 of Sec 33,
T 34 N, R 24 E, W.M.

Verco 29¼ 75/8 [illegible]
30 5/8 700 ch

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OFFICE OF MINERALS EXPLORATION
656 U. S. Court House
W. 920 Riverside Ave.
Spokane, Wash. 99201

July 7, 1970

OFFICIAL COPY
O. M. E.
RECEIVED
JUL 13 1970
INITIALS CODE
130
120
120
120

Memorandum

To : Chief, OME

From : Field Officer, Region I

Subject: Application Examination Report
OME-6765 (Silver)
Geo-Minerals Exploration Company
Murray Claims
Okanogan County, Washington

INTRODUCTION

Geo-Minerals Exploration Company applied for OME assistance on December 3, 1968. They withdrew their application on April 21, 1969, and then requested reinstatement of the application on December 16, 1969. I visited the property on Tuesday afternoon, May 26, 1970, in company with R. W. Glenny, manager of Geo-Minerals Exploration, and Mr. Sam K. Smyth, associate of the firm of Kelly, Pittelko, Fritz, and Forssen, Consulting Engineers of Seattle, Washington, and examined the underground workings, located the north center post of the Murray Claim with respect to the underground workings, and collected three samples for assay. About 2 hours were spent at the property.

RECOMMENDATION

I recommend that approval be given an OME contract to participate in diamond drilling for downdip extensions of a silver-bearing vein in granite. Eight holes, aggregating a maximum length of 1500 feet, will test the vein to a depth of 250 feet below the surface along a strike length of about 500 feet. Estimated cost of the work is $18,000.00 with Government participation at 75 percent or $13,500.00. Value of the objective sought is about 16 times the estimated cost of the exploration, if the exploration is successful.

ON-SITE EXAM.RPT.

APPLICANT

Geo-Mineral Exploration Company
P. O. Box 321
Republic, Washington 99166

The applicant is a partnership composed of the following individuals:

Chairman:	Paul J. Fisher 501 Third Avenue Seattle, Washington 98104
Secretary and Treasurer:	David P. Chaney 1511 38th Avenue East Seattle, Washington 98102
Manager:	R. W. Glenny P. O. Box 321 Republic, Washington 99166
Other partners:	Loyal F. Bailes 132 155th Southwest Alderwood Manor, Washington 95036
	L. M. Walter 16709 Highway 99 Lynnwood, Washington 98036
	Roger W. Woods Route 4, Box 140 Everett, Washington 98201

According to R. W. Glenny, all partners have unlimited liability as regards the company's operations. No Power of Attorney has been granted to any one of them.

PROPERTY

The applicant has leased the unpatented Murray Claim from Wm. B. Helphrey and Mae E. Helphrey, husband and wife, of Curlew, Washington. The lease was extended in the summer of 1969 for 5 years from September 1, 1969, and contains an option to extend it for a second 5-year period after September 1, 1974. The claim is filed and recorded in Book 16, Page 83, in the Okanogan County Auditor's office, Okanogan, Washington.

The applicant holds by right of location 11 unpatented claims that surround the Murray Claim (fig. 1, -Geologic, Plan, Claim, and Index maps, Murray Claims, Secs. 28 and 33, T. 34 N., R. 24 E., Okanogan County, Washington). These are filed and recorded in the Okanogan County Auditor's office, Okanogan, Washington, as follows:

Claim Name	Book	Page No.
Murray Claim No. 2	18	373
" " " 3	"	375
" " " 4	"	377
" " " 5	"	379
" " " 6	"	381
" " " 7	"	383
" " " 8	"	385
" " " 9	"	387
" " " 10	"	389
" " " 11	"	391
" " " 12	"	393

The applicant also holds the State of Washington Minerals Prospecting Lease No. 59108 on 600 acres adjacent to the unpatented claims. This lease, for 2 years, is dated October 28, 1968.

The only land on which the proposed exploration will be done is the Murray Claim; however the vertical holes will explore within 100 feet of the boundary with the Murray Claim No. 2.

Underground development includes two short adits and an inclined shaft (fig. 1). The applicant states that these were excavated on or before 1910. The inclined shaft was flooded to near the collar on the date of the OME examination. The upper adit was open for examination. Much rock had sloughed from the surface around the portal of the lower adit but access was possible. Wood rails, presumably emplaced around 1910, were in the lower adit and in a fair state of preservation.

There are no buildings on the property.

LOCATION AND ACCESSIBILITY

The Murray Claims are about 18 miles by road from Okanogan, Washington. To reach them, follow the Loup Loup highway (State 16) westerly from Okanogan for 15 miles to a forest road that branches to the north. Follow the forest road northeasterly and northerly for about 2½ miles, then an access road that branches westerly and uphill. Active logging operations in the area have bulldozed many roads and the exact route to follow through the forest will depend on the current activities of the loggers. The forest roads are dusty during dry weather and probably are difficult for travel during wet or snowy weather.

Altitudes range from 3600 to 4800 feet (fig. 1) according to the Loup Loup, Washington 15-minute quadrangle sheet. The center post on the north end line of the Murray Claim is at the crest of a southeast-trending ridge. Slopes are moderately steep; thin soil cover will permit construction of access trails for drill rigs and other necessary equipment.

GEOLOGY

The rocks underlying the applicant's property are Mesozoic granitic rocks (1961 State geologic Map of Washington) that are part of the Okanogan batholith. Fresh rock cropping out on the Murray Claim is medium-grained light gray, biotite granite with a faintly foliated aspect, reflecting subparallellism of tabular feldspars and plates of biotite.

Milky white quartz veins are exposed in the two adits and inclined shaft. In the upper adit the vein is from 16 to 39 inches thick; at the collar of the shaft the vein is 26 inches thick; and in the lower adit, there are two subparallel veins that are 6 to 24 inches thick. The applicant reports that the vein is 5 feet thick in the bottom of the now-flooded inclined shaft. Faults, both parallel and at an angle to the strike of the vein, have cut the vein in the lower adit.

Ore minerals are dark, steely gray, tetrahedrite (?), fine-grained and sparse pyrite, and bluish green copper carbonates. Smoky dark patches on quartz in the dumps might be oxidized silver salts. The main values are silver. Assay data from five samples of the applicant's have a weighted average of 11.4 ounces silver per ton across an average width of 4.1 feet. Two OME samples of the vein in the upper adit assayed 13.2 and 6.0 ounces silver per ton across 33 and 39 inches respectively. A selected sample from the dump near the upper adit assayed 0.01 ounces gold and 27.6 ounces silver per ton.

A quartz vein can be traced, in scattered exposures, northward from the upper adit to the north end line of the Murray Claim. No ore minerals were seen in these surface exposures, but it should be emphasized that the visible ore minerals are sparse in the underground workings.

The vein strikes NW to NNW and dips 45-80° SW. Faults have offset the veins in the lower adit, and these probably have effected the generally curving trace of the vein (fig. 1).

Mr. Glenny reports that there are other veins, subparallel to the one explored in the adits, within a few hundred feet to the east or to the west. It is not known if these other veins contain ore minerals.

There seems to be a fair possibility that a minable ore body exists in the quartz vein. If the vein widens as is indicated by the applicant and contains the silver values as shown by assays from the bottom of the inclined shaft, then a modest tonnage of vein material containing 8 to 11 ounces silver per ton might exist.

APPLICANT'S PROPOSAL

The applicant proposed construction of an access road about 2,000 feet long and the drilling of 4 inclined diamond core holes from 4 separate drill sites. The holes would intersect the vein about 120 feet below the surface. Total cost of the proposed work was estimated to be $10,000.

RECOMMENDED EXPLORATION

The applicant has agreed, after conference, that two holes should be planned from each drill site. If the inclined hole is successful in intersecting the vein, a second, vertical, hole should be drilled to test for deeper extensions of the vein. This modification of the applicant's proposal will result in a maximum of 8 holes, if the first, inclined, hole from each drill site is successful. The location, direction, and inclination of the 8 holes are shown on figure 2 (Plan and Section maps showing diamond drill holes proposed on Murray Claim, Secs. 28 and 33, T. 34 N., R. 24 E., Okanogan County, Washington). The 8 holes will test the vein at inclined depths of 230 to 280 feet along the dip of the vein.

The applicant's representative, Mr. R. W. Glenny, reported in a visit to the Spokane office, that the diamond drillers who submitted bids believed they could reach the drill sites without bulldozing an access road.

The day-to-day operation of the drilling will be supervised by R. W. Glenny, but the logging of the core and engineering will be by Mr. Robert Grantham, mining geologist now employed at the Knob Hill Gold mine near Republic, Washington.

Estimated time for completion is two months (average of 40 feet of drill hole per day, plus 3 days for moving between drill sites).

APPRAISAL OF PROPOSED PROJECT

The proposed drilling will explore the vein along a strike length of approximately 500 feet and downdip from the surface for 230 to 280 feet along the vein. Assay data submitted by the applicant has a weighted average of 11.4 ounces silver per ton across a vein thickness of 4.1 feet. OME samples indicate 6 to 13 ounces silver per ton across a vein thickness of 2.7 to 3.3 feet. High-grade portions of vein material assayed 0.01 ounces gold and 27.6 ounces silver per ton. Copper is present in the vein, but not in important amounts. The main value is in silver.

The vein ranges in thickness from less than a foot in the lower adit to more than 3 feet in the upper adit. The applicant reports the vein widens to 5 feet in the bottom of the inclined shaft. There are two veins in the lower adit and their combined thickness may average about 2 feet.

For purposes of calculation, it is assumed that, if successful, the drilling will prove a vein 3 feet thick along a strike length of 500 feet and downdip for 250 below the surface. Using a tonnage factor of 12 cubic feet per ton, this represents 31,270 tons. If 50 percent of the vein is ore bearing and contains an average of 10 ounces silver per ton, the total indicated reserve will be 156,000 ounces silver with a gross value of $250,000, if silver is $1.60 per ounce. Five percent of the gross value amounts to $12,500, or nearly equal to the estimated Government's participation in the project.

It appears therefore, that the proposed work, if successful, will find a significant amount of silver ore.

PROPOSED CONTRACT
ANNEX I

The land, including all rights pertaining thereto, referred to in Article 2 of the contract consists of 12 unpatented claims in Secs. 28 and 33, T. 34 N., R. 24 E., Okanogan County, Washington. These claims are recorded in the Okanogan County Auditor's office, Okanogan County, Washington, as follows:

Claim	Book	Page
Murray	16	83
Murray Claim No. 2	18	373
Murray Claim No. 3	18	375
Murray Claim No. 4	18	377
Murray Claim No. 5	18	379
Murray Claim No. 6	18	381
Murray Claim No. 7	18	383
Murray Claim No. 8	18	385
Murray Claim No. 9	18	387
Murray Claim No. 10	18	389
Murray Claim No. 11	18	391
Murray Claim No. 12	18	393

The Operator is in possession of the Murray Claim by virtue of a Mining Lease and Option Agreement, dated August 30, 1968, from Wm. B. Helphrey and Mae E. Helphrey, husband and wife, lessors and owners of the claim. A notice of renewal dated July 10, 1969, extends the agreement five years from September 1, 1969. There is an option to renew for a second five year term or until September 1, 1979. A Lien and Subordination Agreements executed by the owners of the Murray Claim is attached hereto and made part hereof.

The Operator holds the 11 unpatented claims, Murray Claim No. 2 through Murray Claim No. 12, by right of location.

The claims are shown on figure 1, entitled "Property Map, Geo-Mineral Exploration Company, Okanogan County, Washington," attached hereto and made a part hereof.

EXHIBIT A

The purpose of this project is to explore by diamond drilling from surface sites for silver-bearing ore bodies in and along a quartz vein cutting granite.

General provisions

Holes shall be drilled not less than 100 feet from the outer boundaries of the land outlined on figure 1.

All drill holes shall be cased through overburden and completed with not less than Standard AX core size or equivalent wire line size.

Diamond drill core shall be stored in boxes identified by hole number with markers in the core sections indicating the depths represented.

Facilities shall be provided for recovering drill sludge, and such sludge shall be retained when drilling in significantly mineralized rock.

Significantly mineralized core from hole intervals not exceeding 5 feet each shall be split and one split assayed for gold and silver. Wherever the core recovery is less than 60 percent, a split of the corresponding retained sludge and a split of the recovered core shall be assayed separately, and the assay results combined according to standard practice to represent a single sample.

The remaining core shall be stored in proper sequence with the unsampled core, and the remaining sludge shall be stored in suitable containers properly identified as to source and location. Stored samples shall be made available for Government inspection and possible use, and may be disposed of with prior Government approval.

All drill holes shall be logged, and true copies and maps or sketches showing the work completed during the reporting period, the location and width of all samples taken, and the geological formations and structures traversed by the drill holes shall be furnished monthly to the Government.

The Operator shall provide such supervision, labor, and technical services as may be required to perform the work in a satisfactory manner.

The location, direction, and extent of each work item shall be subject to Government approval.

The Government will not participate in the costs incurred for incomplete drill holes or for casing left in a hole at the request of the Operator.

Description of the work

The work shall consist of diamond drilling a maximum of 8 holes totaling not more than 1500 feet, including overburden drilling. The approximate location of the drill holes are shown on figure 2 entitled, "Proposed exploration, Geo-Mineral Exploration Company, Okanogan County, Washington," attached and made part hereof.

The hole number, approximate bearing, inclination, and approximate length of each hole are as follows:

Hole No.	Bearing	Inclination	Approximate length 1/ (feet)
1	S.85° E.	-60°	150
1A 2/	vertical	vertical	250
2	N.85° E.	-40°	150
2A 2/	vertical	vertical	220
3	N.75° E.	-50°	150
3A 2/	vertical	vertical	230
4	N.60° E.	-50°	140
4A 2/	vertical	vertical	200
			1490 3/

1/ No hole shall be drilled for more than 20 feet beyond a vein zone.
2/ Holes 1A, 2A, 3A, or 4A shall not be drilled unless a vein is intersected in the corresponding inclined hole number 1, 2, 3, or 4.
3/ Estimated total length of 1500 feet to allow for changes in dip of vein with depth that might require longer vertical holes as herein indicated

The order of drilling will be dependent on results of the first hole at each drill site; if the inclined hole at each site fails to intersect the vein, then no vertical hole will be drilled at that site. The probable order of drilling will be 4, 4A; 3, 3A; 2, 2A; and 1, 1A; because the higher numbered holes are at lower altitudes than the lower numbered holes.

The Operator will prepare, at his own expense, suitable drill sites for the contract diamond driller.

Estimated Costs of the Project

Actual Costs

1

Category (a) Independent Contracts

Mobilization of drill rig	$500.00	
Demobilization of drill rig	500.00	
Moving and setting up drill rig between 4 drill sites-- 3 moves at $150.00 per move	450.00	
Diamond core and overburden drilling 1,500 feet	12,630.00	

Depth, feet	Cost per foot Core size			
	NC	NX	BX	AX
0-250	$8.00	$8.45	$8.20	$7.75

Casing installation and removal 200 feet at $0.30/ft	60.00	
Cementing and redrilling 10 hours at $14/hr	140.00	
Casing lost in completed holes 50 feet at $2/ft	100.00	
		$14,380.00

2

Category (b) Personal Services

None except:		
1 Supervisor		
2 months at $1,000/month Includes mileage between Okanogan or Republic, Wash. and drill site	2,000.00	
1 Geologist-Engineer-Consultant		
5 days at $75/day	375.00	
		2,375.00

3

Category (c) Operating Materials and Supplies

None except:		
150 wood core boxes at $3.50 each	525.00	
Cement, cement substitutes, drilling mud, and additives	70.00	
Sludge catching and sampling supplies	50.00	
		645.00

Categories (d), (e), and (f): None

Category (f) Miscellaneous		
F.I.C.A., payroll taxes, insurance	300.00	
Office and accounting expense		
2 months at $50/month	100.00	
Mileage and per diem for consultant	100.00	
Assaying samples for gold and silver		
20 samples at $5/sample	100.00	
		600.00

Total estimated cost of project	$18,000.00
Government participation at 75 percent	$13,500.00

Willard P. Puffett

Willard P. Puffett

Enclosures:

Figure 1 Geologic Plan, Claim, and Index Maps, Murray Claims, Secs. 28 and 33, T. 34 N., R. 24 E., Okanogan County, Washington

Figure 2 Plan and Section Maps showing diamond drill holes proposed on Murray Claims, Secs. 28 and 33, T. 24 N., R. 24 E., Okanogan County, Washington

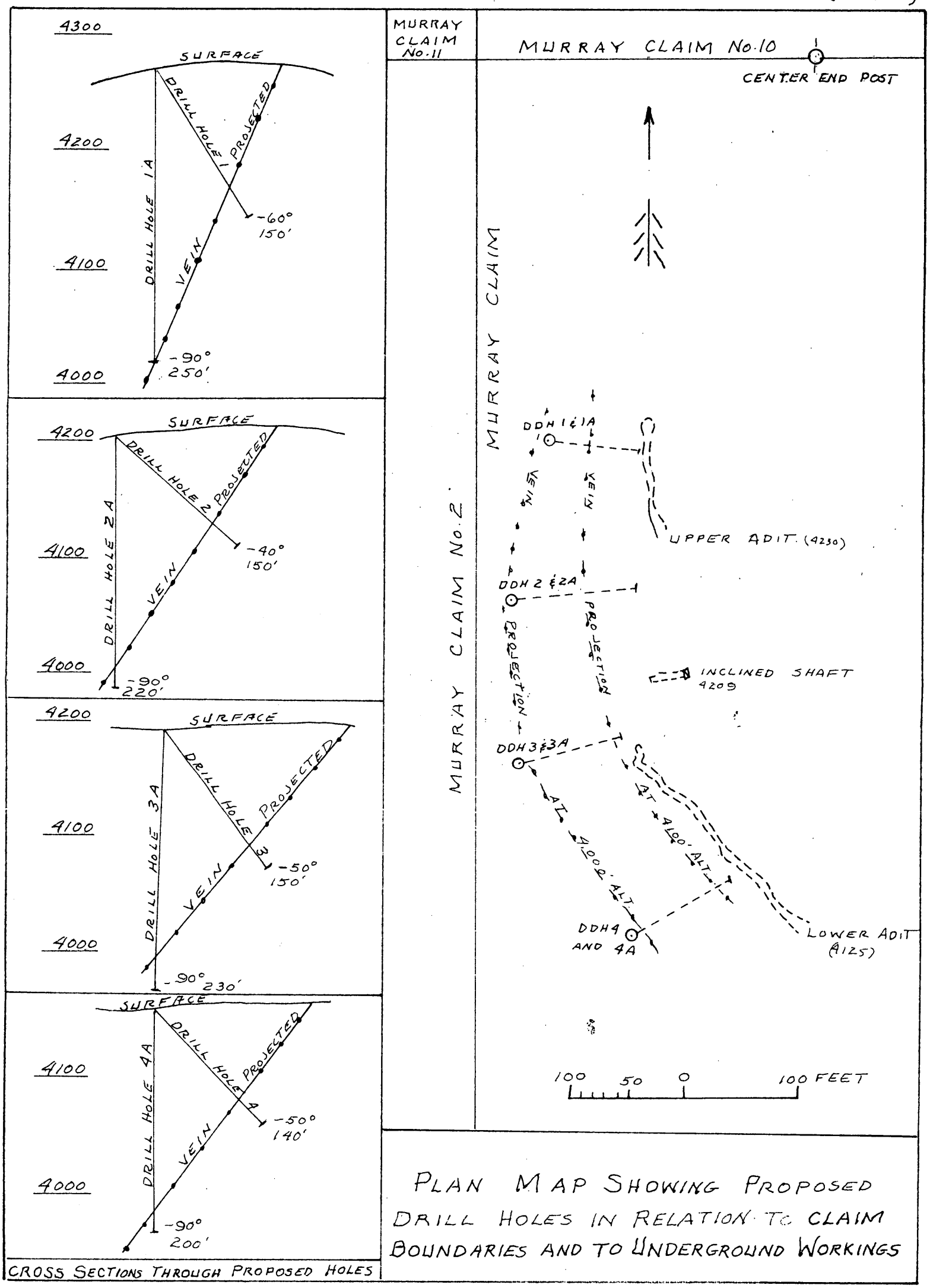
Page-size figures to be attached to contract:

Figure 1 Property map, Geo-Mineral Exploration Company, Okanogan County, Washington

Figure 2 Proposed exploration, Geo-Mineral Exploration Company, Okanogan County, Washington

U.S. GEOLOGICAL SURVEY
OFFICE OF MINERALS EXPLORATION

OME 6765 (SILVER)



PLAN MAP SHOWING PROPOSED DRILL HOLES IN RELATION TO CLAIM BOUNDARIES AND TO UNDERGROUND WORKINGS

FIGURE 2- PLAN AND SECTION MAPS SHOWING DIAMOND DRILL HOLES PROPOSED ON MURRAY CLAIM, SECS. 28 AND 33, T. 34 N., R. 24 E., OKANOGAN COUNTY, WASHINGTON

MA 3-0071 501 THIRD AVE. SEATTLE, WASHINGTON 98104 509 775-3385 P.O. BOX 321 REPUBLIC, WASHINGTON 99166

GEO – MINERAL
EXPLORATION CO.

RECEIVED
JUL 2 1970
O.M.E.
SPOKANE, WASH.

OFFICIAL
COPY
O. M. E.
RECEIVED
JUL 6 1970
WITH REPORT

July 1, 1970

Mr. Willard P. Puffett
Office of Minerals Exploration
West 920 Riverside Ave.
Spokane, Washington

Dear Mr. Puffett:

Inclosed are the following:

Copy of the extention of our lease with Wm. B. Helphrey and Mrs. Wm. P. Helphrey on the Murray Claim.

Core Drilling bid from White's Diamond Core Drilling, Inc.

Names and address of the General Partners of Geo-Mineral Exploration Company.

I enjoyed my visit with you yester-day afternoon. If there is anything else you need to complete our application don't hesitate to call or write.

Truly yours,

Geo-Mineral Exploration Co.

MME FORM 6 REFERENCE S

REV. 2-59 OFFICE OF MINERALS EXPLORATION

TO:	DATE	INITIALS
1. Chief, OME		
2. Re: OME 6765 (Silver) ~~Geo-MIneral Exploration Co.~~		
3. Murray Claim ~~Okanogan County, Washington~~		
4.		
5. Willard P. Puffett		
FROM: Field Officer, Region I		

FOR: Check items for action desired

OME 6765

____ Action ____ Reply for signature of _____

____ Approval ____ Investigate ____ Surname

____ Comment ____ Recommendations ____ Signature

____ Conference ____ Rewrite ____ File

____ Instructions X Your information

REMARKS: Attached are copies of a bid for diamond drilling, list of General Partners of Geo-Minerals Exploration Company, and letter from Geo-Mineral Exploration Company to Mr. and Mrs. Wm B. Helphrey exercising the option to extend their lease on the Murray claim--all with a letter from Geo-Mineral Exploration Company to this office. Report is in preparation--recommending approval for a program of diamond drilling.

M56300-62

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

MA 3-0071 501 THIRD AVE. SEATTLE, WASHINGTON 98104 509 775-3385 P.O. BOX 321 REPUBLIC, WASHINGTON 99166

GEO – MINERAL
EXPLORATION CO.

RECEIVED
JUL 2 1970
O. M. E.
SPOKANE, WASH.

July 10, 1969

Mr. & Mrs. Wm. B. Helphrey
Curlew, Washington

Re: Mining Lease and Option Agreement between Wm. B. Helphrey and Mae E. Helphrey, husband and wife, (Lessor) and Geo-Mineral Exploration Company (Lessee)

Dear Mr. & Mrs. Helphrey:

As Lessee of the subject Mining Lease and Option Agreement on the Murray Claim located in Olanogan County, Washington, we are hereby erercising the option to extend the experation date of the lease for an additional term of five (5) years from September 1, 1969 by this notice in writing.

Very truly yours,

Pat Flaherty, Mgr.

Geo-Mineral Exploration Co.

RECEIVED
JUL 2 1970
O.M.E.
SPOKANE, WASH.

P.O. Box 781
Pinehurst, Idaho 83850
June 29, 1970

Geo-Minerals Exploration Co.
P.O. Box 321
Republic, Washington 99166

Gentlemen:

The following are the charges for a drilling program schedule in your area.

NX	$10.00	per foot	0' to 300'
NX	11.00	per foot	300' to 600'
BX	8.50	per foot	

$1000.00 moving charge plus $200.00 for each set up on the job.

Water haul $20.00 per hr.

Cement $15.00 per hr.

$5.00 per ft. for drilling out cement.

$5.00 per ft. for reaming casing

Cement will cost the same as it cost me plus transportation.

If there are any questions regarding the above, please contact me as soon as possible.

Yours very truly,

Patrick White

Patrick White

WHITE'S DIAMOND CORE DRILLING, INC.

MA 3-0071 501 THIRD AVE. SEATTLE, WASHINGTON 98104 509 775-3385 P.O. BOX 321 REPUBLIC, WASHINGTON 99166

GEO – MINERAL
EXPLORATION CO.

RECEIVED
JUL 2 1970
O. M.
SPOKANE WASH.

The following are the names and address of the General Partners of Geo-Mineral Exploration Company:

Loyal F. Bailes
132 - 155th Southwest
Alderwood Manor, Washington 95036

David P. Chaney
1511 38th Avenue East
Seattle, Washington 98102

Paul J. Fisher
501 Third Avenue
Seattle, Washington 98104

R. W. Glenny
P. O. Box 321
Republic, Washington 99166

L. M. Walter
16709 Highway 99
Lynnwood, Washington 98036

Rodger W. Woods
Route 4, Box 140
Everett, Washington 98201

MME FORM 6 REFERENCE SLIP

REV. 2-59 OFFICE OF MINERALS LORATION

TO:	DATE	INITIALS
1. Chief, OME		
2. Re: OME-6765 (Silver) Geo Mineral Exploration Company Murray Claim		
3. Okanogan County, Washington	1970	
4.	1/30 1/20 20	MW
5. Willard P. Puffett		
FROM: Field Officer, Region I	6/30/70	WPP

FOR: Check items for action desired

____ Action ____ Reply for signature of ____

____ Approval ____ Investigate ____ Surname

____ Comment ____ Recommendations ____ Signature

____ Conference ____ Rewrite ____ File

____ Instructions X Your information

REMARKS: Attached are two bids for diamond drilling and a letter extending a lease on the Murray claim. I am preparing a report recommending OME participation in a drilling project on the Murray Claim--1500 feet maximum--total cost about $20,000. Will submit rough draft latter part of week.

INT.-DUP. SEC.. WASH., D.C. M56300-62

Vivian Bros., Inc.
West 2929 Wellesley
Spokane, Washington, 99205
20 June, 1970

To: Geo-Mineral Exploration Company
P.O. Box 321
Republic, Washington, 99166

Quotation for approximately 1500 feet of drilling at the Murray Claim, Okanogan County property.

Mobilization	$500.00
Demobilization	500.00
Setting up at each drilling location	150.00
Core drilling 0 feet to 250 feet	
NX per foot	8.45
BX per foot	8.20
AX per foot	7.75
Casing installation and removal per foot	0.30
Cementing per hour Plus cost of cement	14.00
Drilling out cement, per hour	14.00

Vivian Bros., Inc.

By H. H. Vivian

H. H. Vivian

JOHN O. LEAF

PHONE WA 6-9484

Leaf Drilling Co.

DIAMOND DRILL CONTRACTOR

E. 8205 UPRIVER DRIVE - SPOKANE 61, WASH.

19 June 1970

GEO-MINERAL EXPLORATION CO.
P.O. B OX 321
REPUB LIC, WASHINGTON 99166

Dear Sirs:

The following quotations are submitted for the drilling you plan in Okanagon County. Prices based on 1,000 feet or more.

H ole Mob & Demob	$ ~~150~~ 100.00	each Location	
Mob to job		L.S.	$ 800.00
Demob from job		"	300.00
Core Drilling:			
NW/WL	$ 8.75	Per foot	
B W/WL	8.00	" "	
AW/WL	7.50	" "	

Placing and removing casing, Cementing, Drilling cement

Per hour 15.00

Reaming casing 50 % of core price

Cement Cost plus 10% F.O.B . job

Core Boxes	Wood	3.50 each
" "	Cardboard	1.15 "

John O Leaf

Columbian-Cascade Minerals Corporation

P. O. BOX 755, NORMAN, OKLAHOMA
405 · 534-4088

661 ARROYO ST., SAN FERNANDO, CALIF.
213 · 361-6297

July 10,1969

Mr. & Mrs. Wm. B. Helphrey
Curlew
Washington

Re: Mining Lease and Option Agreement between Wm. B. Helphrey and Mae E. Helphrey, husband and wife, (Lessor) and Geo-Mineral Exploration Company (Lessee)

Dear Mr. & Mrs. Helphrey:

As assignee of the subject Mining Lease and Option Agreement, we are hereby expercising the option to extend the expiration date of the Lease for an additional term of five (5) years from September 1,1969 by this notice in writing.

Payment of minimum advance royalty in accordance with paragraph three (3) will be mailed to you on or before thirty days (30) prior to September 1,1969.

Cordially

COLUMBIAN-CASCADE MINERALS CORP.

N.H.Parker

N.H.Parker, V.P.

NHP/mjp

cc:Geo-Minerals
R.L.Wells
N.A.Pierson
T.J.Kenan

Approved as to both or either Columbia Cascade and Geo Minerals.

Wm. B. Helphrey
July 20, 1969

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
1/13/70	Peterson	120
		120
1/13	cal	220
		120M

JAN 12 1970

AIRMAIL

Geo-Mineral Exploration Company
P. O. Box 321
Republic, Washington 99166

Re: OME-6765 (Silver)
Geo-Mineral Exploration Company
Murray Claim
Okanogan County, Washington

Gentlemen:

This will acknowledge receipt of your letter and enclosures of December 16, 1969 requesting that we reinstate your previously withdrawn application for exploration assistance.

Accordingly, the application is now being referred to Mr. Willard Puffett, Field Officer, Region I, U. S. Geological Survey, U. S. Courthouse, Room 656, West 920 Riverside Avenue, Spokane, Washington 99201.

Because of budget restrictions, OME funds at the present time are fully committed to current contracts and to applications previously approved for contracts. All applications now being received are to be processed but final decisions cannot be made on those which may warrant further consideration until additional funds are available.

Mr. Puffett will inform you on what further action he may take regarding your application.

Sincerely yours,

Harold Kirkemo (gla)

Harold Kirkemo
Chief, Office of
Minerals Exploration

cc: Director's Reading File
Mineral Resources File
OME Docket
OME Reading File
OME Region I
Mr. Peterson

ECPeterson/bsl 1/13/70

OFFICIAL FILE COPY

Date	Surname	Code
1/13/70	Peterson	120
		120
		220
		120M

JAN 13 1970

AIRMAIL

Memorandum

To: Field Officer, Region I

From: Chief, Office of Minerals Exploration

Subject: OME-6765 (Silver)
Geo-Mineral Exploration Company
Murray Claim
Okanogan County, Washington

In accordance with the Applicant's request of December 16 we are resuming the processing of his application for exploration assistance, and we are referring it to you for further study, a field examination if warranted, and recommendations.

We have no comments regarding the proposal other than that mentioned in our previous referral of January 14, 1969. If a field exam is justified, perhaps it can be made during your next scheduled interim inspection of the Sidney Mining Company project (OME-6725).

Harold Kirkemo (gla)

Harold Kirkemo

cc: Director's Reading File
Mineral Resources File
OME Docket
OME Reading File
Mr. Peterson

ECPeterson/bsl 1/13/70

MME FORM 6 REFERENCE SLIP
REV. 2-59 OFFICE OF MINERALS EXPLORATION

TO:	DATE	INITIALS
1. Chief, OME	1/5/70	
Re: OME 6765 (Silver)		
2. Geo-Mineral Exploration Co.		
Murray Claim		
3. Okanogan County, Washington		
4.		
5. Willard P. Puffett	WMP	
FROM: Field Officer, Region I		

FOR: Check items for action desired

x Action	____ Reply for signature of ____	
____ Approval	____ Investigate	____ Surname
____ Comment	____ Recommendations	____ Signature
____ Conference	____ Rewrite	____ File
____ Instructions	Your information	

REMARKS: Bank letters and request from R. W. Glenny to reinstate a loan application that was withdrawn at their request on 4/29/69.

WASH., D.C. M56300-62

MA 3-0071 501 THIRD AVE. SEATTLE, WASHINGTON 98104 509 775-3385 P.O. BOX 321 REPUBLIC, WASHINGTON 99166

GEO – MINERAL
EXPLORATION CO.

RECEIVED
DEC 17 1969
O. M. E.
SPOKANE, WASH.

December 16, 1969

OFFICIAL COPY
O. M. E.
RECEIVED
JAN 9 1970

Mr. Willard P. Puffett
Office of Mineral Exploration
U. S. Geological Survey
West 920 Riverside Ave.
Spokane, Washington

Re: OME 6765 (Silver)
Geo-Mineral Exploration Co.
Murray Claim
Okanogan County, Washington

Dear Mr. Puffett:

Would you please reinstate our OME application No. 6765 which we withdrew on April 21, 1969 ? Our means of financing said project failed.

Inclosed two letters of refusal from the Seattle First National Bank, Seattle, Washington and National Bank of Commerce, Seattle, Washington.

Very truly yours,
Geo-Mineral Exploration Co.

R. W. Glenny, Mgr.

MA 3-0071 501 THIRD AVE. SEATTLE, WASHINGTON 98104 509 775-3385 P.O. BOX 321 REPUBLIC, WASHINGTON 99166

GEO – MINERAL
EXPLORATION CO.

RECEIVED
JAN 5 1970
O. M. E.
SPOKANE, WASH

2 December 1969

Mr. Willard P. Puffett
Office of Mineral Exploration
U. S. Geological Survey
West 920 Riverside Ave.
Spokane, Washington

Re; OME 6765 (Silver)
Geo-Mineral Exploration Co.
Murray Claim
Okanogan County, Washington

Enclosed are copies of letters of December 1, 1969 to Seattle First National Bank and National Bank of Commerce requesting a loan to Geo-Mineral Exploration Company for the purpose of doing Exploration work.

Very truly yours,
Geo-Mineral Exploration Co.

R. W. Glenny, Mgr.

RECEIVED
JAN 5 1970
O. M. E.
SPOKANE, WASH.

1 December 1969

National Bank of Commerce
3rd and James
Seattle, Washington 98104

Attn: Loan Department

Re : Exploration loan of $12,000 to Geo-Mineral

Gentlemen:

I am the chairman of Geo-Mineral Exploration Company and request a $12,000 loan for mineral exploration purposes in the Republic area. The funds will be used to sink exploratory holes in the Murray claims that contain silver, gold and copper.

Enclosed is a copy of the lease on the premises and the geological information currently available.

Would you please respond by return mail as we need to put our road in now in order to allow drilling during the winter.

Sincerely yours,

PAUL J. FISHER

PJF/p

Enclosures

area code 206 MAin 2-0101

Third and James Branch 609 THIRD AVENUE, SEATTLE, WASHINGTON 98104

RECEIVED
DEC 17 1969
SPOKANE, WASH.

December 3, 1969

Paul J. Fisher
501 Third Avenue
Seattle, Washington 98104

Dear Mr. Fisher:

Your loan application for the benefit of the Geo-Mineral Exploration Company has been declined on the basis presented.

We wish to thank you for this application and are sorry that our answer is of a negative nature.

Sincerely yours,

Seymour T. Anderson

Seymour T. Anderson
Manager

STA:gt

SEATTLE·FIRST NATIONAL BANK

QUEEN ANNE BRANCH

DEC 17 1969
O. M. E.
SPOKANE, WASH.

December 4, 1969

Mr. Paul J. Fisher
GEO-MINERAL EXPLORATION CO.
501 Third Avenue
Seattle, Washington 98104

Dear Mr. Fisher:

I recently received your letter of December 1 regarding a $12,000 loan to GEO-MINERAL EXPLORATION COMPANY for exploratory purposes in the Republic area.

Unfortunately, at this time we will be unable to accommodate this request. The speculative nature of this loan as well as the lack of a firm primary source of repayment render a loan such as this, especially because of the present economic conditions, most unbankable.

Please feel free to contact me if you have any questions concerning this matter.

Sincerely yours,

James T. Linardos

James T. Linardos
Assistant Manager

JTL:lb

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
4/29/69	Peterson	120
		120
		220
		120M

APR 29 1969

Geo-Mineral Exploration Company
P. O. Box 321
Republic, Washington 99166

Re: OME-6765 (Silver)
Geo-Mineral Exploration Company
Murray Claim
Okanogan County, Washington

Gentlemen:

Thank you for your letter of April 21 informing us that you have obtained exploration assistance from private sources and will not continue with the subject application.

We are, therefore, considering the application as having been withdrawn and are placing it in our inactive file.

We wish you success in your venture.

Sincerely yours,

Harold Kirkemo (gh)

Harold Kirkemo, Chief
Office of Minerals Exploration

cc: Director's Reading File
Economic Geology File
OME Docket
OME Reading File
Region I
Mr. Peterson

eterson/bsl 4/29/69

MME FORM 6 REFERENCE SLIP

REV. 2- OFFICE OF MINERALS EXPLORATION

TO: Chief, OME	DATE	INITIALS
1.	4/23/69	
Re: OME-6765 (Silver)		
2. Geo-Mineral Exploration Co.		
Murray Claim		
3. Okanogan County, Washington		
4.		
5. Willard P. Puffett WPP		
FROM: Geologist, OME, Reg. I		

FOR: Check items for action desired

X Action ____ Reply for signature ____ Surname

____ Approval ____ Investigate ____ Initials

____ Comment ____ Recommendations ____ Code

____ Conference ____ Rewrite ____ File

____ Instructions ____ Your information

REMARKS:

OFFICIAL COPY

O. M. E.

RECEIVED

APR 25 1969

INITIALS CODE

A20

Bal 120 M

HK 120

EJ 120 P

MA 3-0071 501 THIRD AVE. SEATTLE, WASHINGTON 98104 509 775-3385 P.O. BOX 321 REPUBLIC, WASHINGTON 99166

GEO – MINERAL
EXPLORATION CO.

April 21, 1969

Office of Minerals Exploration
U. S. Geological Survey
West 920 Riverside Ave.
Spokane, Washington

Gentlemen:

Please withdraw the O.M.E Application submitted by Geo-Mineral Exploration Company on December 3, 1968. The Docket No. for said application is O.M.E-6765.

We have secured other means of financing said project. We wish to express our appreciation for your cooperation and consideration granted us during the past few months.

Sincerely yours,
Geo-Mineral Exploration Co.

R. W. Glenny, Mgr.

RECEIVED
APR 29 1969
O.M.E.

U.S. Court House, Rm. 656
West 920 Riverside Avenue
Spokane, Washington 99201
February 26, 1969

OFFICIAL COPY
O. M. E.
RECEIVED
FEB 28 1969

INITIALS	CODE
	~~130~~
gla	120
SHK	~~120~~
EDT	120

Geo-Mineral Exploration Company
P. O. Box 321
Republic, Washington 99166

Re: OME-6765 (Silver)
Geo-Mineral Exploration Company
Murray Claim
Okanogan County, Washington

Gentlemen:

Your application for OME aid has been referred to this office for further processing.

As it will be advisable to see any surface exposures of the target vein, will you kindly advise us when the ground is free of snow? As soon as possible thereafter we will try to arrange for a mutually convenient date for an inspection.

Sincerely yours,

D. R. MacLaren
Field Officer, OME
Region I

DRMacLaren/mls

cc: OME

Director's Reading File

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
1/14/69	Peterson	120
1/14/69	Kirkemo	120
		110
1/14	cal	220
		120M

JAN 14 1969

Memorandum

To: Field Officer, Region I

From: Chief, Office of Minerals Exploration

Subject: OME-6765 (Silver)
Geo-Mineral Exploration Company
Murray Claim
Okanogan County, Washington

The subject application is referred to you for further consideration, a field examination if warranted, and recommendations.

The application is well prepared and we have no specific questions on the geology or other preliminary considerations. If a contract is recommended and it appears that the work will benefit the Murray claim No. 6, it will be necessary to include this claim in the contract. In such an event, the Applicant should be requested to furnish either Lien and Subordination Agreements or a Performance Bond.

To date, bids supporting the estimated costs for the proposed bulldozing and drilling have not been received, and may not be furnished until spring as mentioned in the Applicant's letter. Allowances for personal services shown in the cost estimate are high and would necessarily need trimming if a contract is recommended.

Harold Kirkemo (gla)

For: Frank E. Johnson

Enclosure

cc: Director's Reading File
Economic Geology File
OME docket
OME Reading File
Mr. Peterson
130

ECPeterson/gla 1-14-69

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
1/14/69	Peterson	120
1/14/69	Kishemo	120
		110
		220
		120M

AIRMAIL

JAN 14 1969

Geo-Mineral Exploration Company
P. O. Box 321
Republic, Washington 99166

Re: OMX-6765 (Silver)
Geo-Mineral Exploration Company
Murray Claim
Okanogan County, Washington

Gentlemen:

Thank you for the letter and enclosures of January 8. We have noted your comments regarding exploration of the Murray claim and the furnishing of bids for the proposed work.

The Application is now being referred to Mr. D. R. MacLaren, Field Officer, Region I, Office of Minerals Exploration, U. S. Geological Survey, U. S. Courthouse, Room 656, West 920 Riverside Avenue, Spokane, Washington 99201.

Mr. MacLaren will notify you if he requires additional information and possibly to make arrangements for an on-site examination of the property. Such an examination would necessarily be deferred until sometime after the project site is clear of snow.

Sincerely yours,

Harold Kishemo (gla)

For: Frank E. Johnson
Chief, Office of
Minerals Exploration

cc: Director's Reading File
Economic Geology File
OME docket
OME Reading File
OME Region I
Mr. Peterson

ECPeterson/gla 1-14-69

GEO-MINERAL EXPLORATION CO.
P. O. Box 321
Republic, Washington 99166
January 8, 1969

OFFICIAL COPY
O. M. E.
RECEIVED
JAN 13 1969

INITIALS	CODE
	130
	120
	110
	120

U. S. Dept. of Interior
Mr. Frank E. Johnson, Chief
Office of Mineral Exploration
Washington, D. C. 20242

Re: OME-6765 (Silver)
Geo-Mineral Exploration Co.
Murray Claim
Okanogan County, Washington

Dear Mr. Johnson:

Inclosed the five executed copies of the Lien and Subordination Agreements signed by both Wm B. Helphrey amd Mae E. Helphrey, the Co-owners of the Murray Claim.

We definitely do not contemplate any exploration work on Murray Clain No. 6, all exploration work will be performed on the Murray Claim. Therefore, we do not believe a Performance Bond or an Affidavit of Individual Surety will be required or necessary.

We have asked for bids on the Diamond Drilling and Bulldozing from three contractors, but they have been hesitant in submitting said bids without first observing the ground and area where the work is to be done. Snow and cold weather has prevented this. We will submit said bids as soon as possible, or as soon as we receive them. There is at least four foot of snow covering the area at this time.

We appreciate the assistance and consideration granted us by your Spokane office and will appreciate any consideration that our application may receive.

Sincerely yours,
Geo-Mineral Exploration Co.

R. W. Glenny, Mgr.

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
12/26/68	Petersm	120
"	On lv.	120
		110
12/26	Coe	220
		120M

DEC 26 1968

Geo-Mineral Exploration Company
P. O. Box 321
Republic, Washington 99166

Re: OME-6765 (Silver)
Geo-Mineral Exploration Company
Murray Claim
Okanogan County, Washington

Gentlemen:

Our review of your application for financial assistance indicates that the following additional information is needed to continue its processing.

We are returning the five executed copies of the Lien and Subordination Agreements for Mrs. Helphrey's signature. The agreements must be signed by both Wm. B. Helphrey and Mae E. Helphrey, the co-owners of the Murray claim.

As you know, the State of Washington cannot execute a subordination agreement covering the land included in your prospecting permit. Therefore, if work is contemplated on the Murray Claim No. 6 it will be necessary to have your assurance that the company is able and willing to provide a Performance Bond or an Affidavit of Individual Surety covering the Government's share of the estimated cost of the project in the event of an exploration contract. One Standard Form 25, Performance Bond, and Standard Form 28, Affidavit of Individual Surety, are enclosed for your study.

If any of the proposed work is to be contracted (drilling, bulldozing, etc.), cost estimates should be supported by bids from three contractors for each work item, if possible.

We shall be pleased to continue the processing of your application upon receipt of the requested information. However, nothing in this letter should be construed as a commitment by the Government to grant an exploration contract.

Sincerely yours,

FRANK E. JOHNSON (gla)

Frank E. Johnson
Chief, Office of
Minerals Exploration

cc: Director's Reading File
Economic Geology File
OME docket
OME Reading File
OME Region I
Mr. Peterson

ECPeterson/gla 12-26-68

Enclosures

December 18, 1968

-Mineral Exploration Company
P. O. Box 321
Republic, Washington 99166

Subject: OME-6765

Gentlemen:

Your application for exploration assistance, dated December 3, 1968, submitted to our office at Spokane, Washington, has been assigned Docket No. OME-6765.

Please identify all future correspondence relating to your application by this docket number.

Sincerely yours,

Frank E. Johnson
Chief, Office of
Minerals Exploration

Copy to Region I

Orthopyroxene

									NA	MG	TOTAL
P:1/G:2/P:1	AC	.00	1.00	53.13	.83	.23	.46	23.14	.09	21.70	100.58
	FM	.000	.043	1.974	.033	.005	.014	.719	.006	1.202	3.997
P:1/G:2/P:2	AC	.00	1.07	53.80	.98	.19	.50	23.11	.04	22.04	101.73
	FM	.000	.045	1.975	.038	.004	.015	.709	.002	1.207	3.994

	K	Al	Si	Ca	Ti	Mn	Fe	Na	Mg	Ni	
AC	0.02	0.54	52.24	1.03	0.16	0.43	22.91	0.12	22.94	0.03	100.42
FM	0.001	0.023	1.950	0.041	0.004	0.013	0.715	0.008	1.277	0.000	4.037

Olivine

P:1/G:1/P:1	AC	.00	.00	35.61	.04	.00	.48	39.50	.02	24.75	100.40
	FM	.000	.000	1.004	.000	.000	.011	.933	.000	1.041	2.990
P:1/G:1/P:2	AC	.00	.04	36.07	.04	.00	.50	38.67	.00	25.06	100.38
	FM	.000	.000	1.012	.000	.000	.011	.908	.000	1.048	2.980

	K	AL	SI	CA	TI	MN	FE	NA	MG	NI	Total
AC	0.01	0.00	35.23	0.12	0.07	0.43	40.24	0.07	26.06	0.06	102.29
FM	0.000	0.000	1.471	0.005	0.002	0.015	1.405	0.005	1.622	0.002	4.529
AC	0.07	0.00	35.08	0.00	0.02	0.62	40.41	0.11	25.93	0.10	102.35
FM	0.003	0.000	1.467	0.000	0.000	0.022	1.414	0.009	1.617	0.003	4.538
AC	0.00	0.00	35.23	0.00	0.00	0.57	41.45	0.05	25.34	0.06	102.70
FM	0.000	0.000	1.473	0.000	0.000	0.020	1.449	0.003	1.579	0.002	4.528

Clinopyroxene

P:3/G:2/P:1	AC	.07	2.11	51.54	19.25	.64	.36	13.52	.31	12.44	100.23
	FM	.002	.093	1.946	.779	.018	.011	.426	.022	.700	3.997
P:3/G:2/P:2	AC	.00	2.01	51.82	19.86	.64	.33	13.53	.31	12.06	100.56
	FM	.000	.088	1.952	.801	.018	.010	.425	.022	.676	3.992
P:4/G:1/P:1	AC	.03	2.07	52.24	21.34	.54	.30	13.11	.27	12.20	102.10
	FM	.001	.090	1.939	.849	.014	.008	.406	.018	.674	4.000
P:4/G:1/P:2	AC	.05	1.66	50.98	21.07	.42	.38	12.22	.27	11.64	98.68
	FM	.002	.074	1.956	.866	.011	.012	.392	.019	.666	3.998
P:5/G:2/P:1	AC	.01	1.30	51.65	20.95	.36	.39	15.09	.29	10.99	101.02
	FM	.000	.038	1.305	.567	.006	.008	.319	.014	.414	2.670
P:5/G:2/P:2	AC	.05	1.46	51.49	20.91	.33	.29	15.01	.34	10.69	100.56
	FM	.001	.043	1.307	.568	.006	.006	.318	.016	.404	2.669

U.S. GEOLOGICAL SURVEY
OFFICE OF MINERALS EXPLORATION

OME 6765 (SILVER)

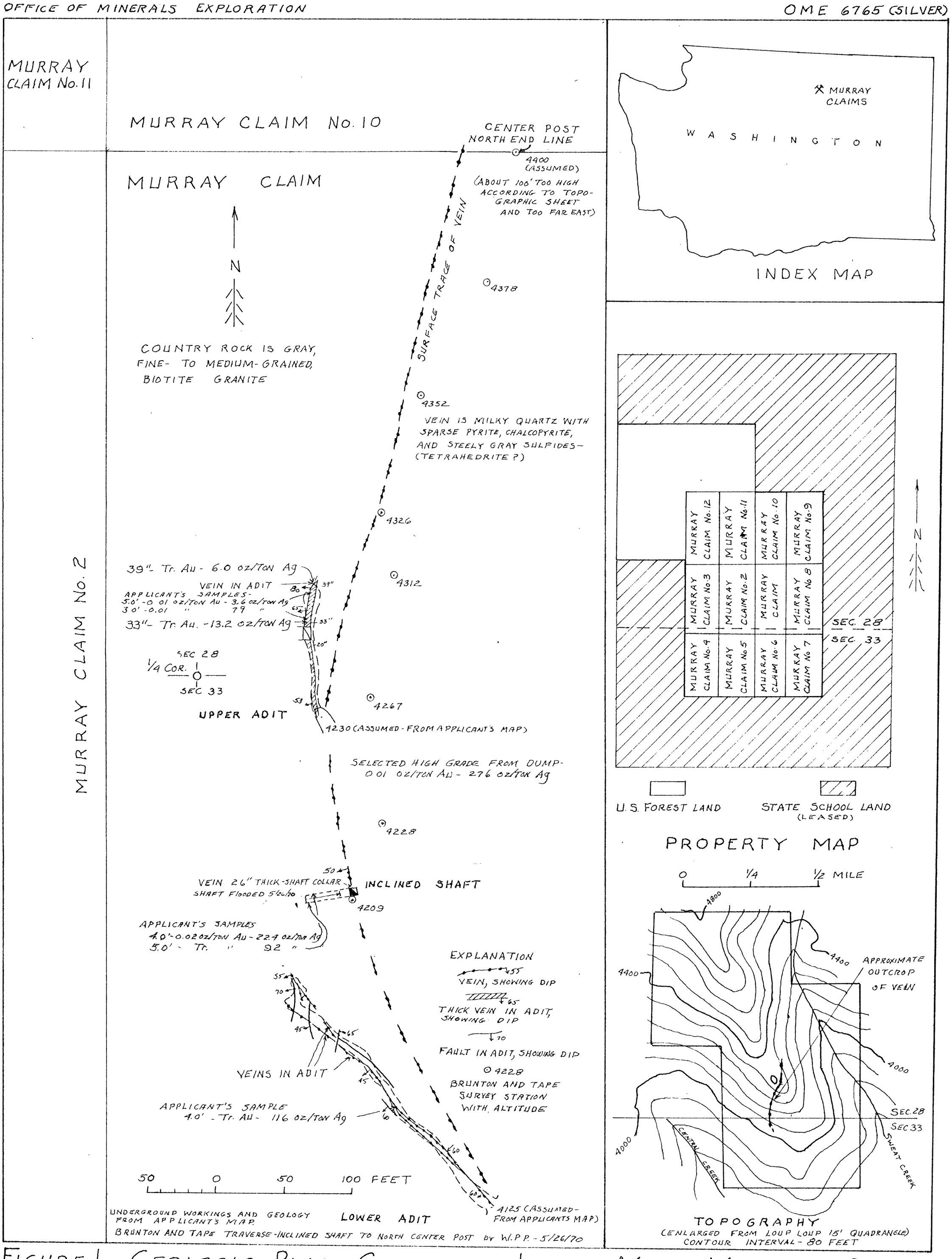


FIGURE 1 - GEOLOGIC PLAN, CLAIM, AND INDEX MAPS, MURRAY CLAIMS, SECS. 28 AND 33, T. 34 N., R 24 E., OKANOGAN COUNTY, WASHINGTON