MME Form 9
Rev. Nov. 65

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

OFFICIAL DOCKET FILE Contract No. _____ Docket No. 6732

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- [x] Withdrawn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
- [x] 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) 12-18-70
- [ ] 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

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
FEDERAL CENTER, DENVER, COLORADO 80225

Office of Minerals Exploration
Building 53 Room 203

May 28, 1968

OFFICIAL COPY
O. N. E.
RECEIVED
MAY 31 1968
INITIALS | CODE

Memorandum

To: Chief, Office of Minerals Exploration

From: Field Officer, Region III

Subject: Tecoma Mine (Silver)
Lucin Mining District
Box Elder County, Utah

Transmitted herewith is one copy of an application for financial assistance in minerals exploration on the above-stated property. One copy of the material contained in the application has been retained for the OME Region III field office files.

J. William Hasler
mc

J. William Hasler,
Field Officer, Region III
Office of Minerals Exploration

from file application

MME Form 40
Jan. 65

OFFICIAL COPY
O. M. E.
RECEIVED
MAY 31 1968
INITIALS CODE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

OME Region III
RECEIVED
MAY 28 1968
Denver, Colorado

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.)*

Tecoma Mines
1001 Walker Bank Building
Salt Lake City, Utah. 84111

APPLICANT DO NOT USE THIS BLOCK

DOCKET NUMBER 6732

DATE RECEIVED 5/31/68

REGION III

DIVISION CODE

BUSINESS ORGANIZATION *(Check one)*

INDIVIDUAL	
CORPORATION	X
PARTNERSHIP	
OTHER *(Specify)*	

STATE IN WHICH FIRM IS ORGANIZED Utah

LIST CORPORATE OFFICERS OR PARTNERS HERE, IF APPLICABLE

NAME	ADDRESS	TITLE
Dean F. Brayton,	1001 Walker Bank Bldg. Salt Lake City, Utah.	President
Calvin A. Behle,	Kearns Building, Salt Lake City, Utah.	Vice-President
Mercedese Higgins,	1001 Walker Bank Bldg. Salt Lake City, Utah.	Secretary

MINERAL(S) FOR WHICH YOU WISH TO EXPLORE
Silver

ESTIMATED COST OF PROJECT
$ 100,000

PROPERTY NAME	LOCATION COUNTY	STATE
Tecoma Mines,	Box Elder,	Utah

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.

TECOMA MINES

April 19, 1968.
DATED

BY *(Signature)* Dean F. Brayton
Dean F. Brayton
President.
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).]

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

THE CONTINENTAL BANK AND TRUST COMPANY

SALT LAKE CITY, UTAH 84110

April 16, 1968

Mr. L. J. Peterson
Valley View Mines
Salt Lake City, Utah

Dear Mr. Peterson:

Applicant [illegible]

We have reviewed your application for a loan in the amount of $100,000 to be used in the development and exploration of properties in Box Elder County, Utah, and Elko County, Nevada.

We appreciate the opportunity to consider this loan; however, because of Bank policy, we feel that we cannot approve a loan of this type.

We would like to invite you to use our other banking facilities and wish you success in your venture.

Yours truly,

L. S. Livingston
Assistant Vice President

LSL/bep

First Security Bank of Utah
NATIONAL ASSOCIATION
FOURTH SOUTH OFFICE
SALT LAKE CITY, UTAH

April 8, 1968

Valley View Mines
Salt Lake City
Utah

Attention: Mr. L. J. Petersen

Gentlemen:

We appreciate the opportunity of reviewing with you your application for a loan of $100,000.00 to be used by the company in the development and exploration of its properties in Box Elder County, Utah and Elko County, Nevada.

This type of financing is very difficult for a bank to handle, because it usually involves long term for repayment. It, also, involves possible nonproductive pursuits which are not self liquidating. For this reason, we feel we cannot approve a loan of this type, however, we feel sure that there are other mediums through which funds of this nature can be obtained.

Yours truly,

J. N. Pike
Vice President

JNP:rm

Gentlemen:

Estimated costs and breakdown covering drilling of the enclosed drill grid.

Acc. Rd		10,000 +
Rot Dr	12,240/$5	61,200
Eng. Sup OH, Acct		8,100
Sampling and Ass.		1,700
		100,000

Details ?

Explanation required ?

Maps

POST OFFICE DEPARTMENT
OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE TO AVOID PAYMENT OF POSTAGE, $300

POSTMARK OF DELIVERING OFFICE

MONTELLO, NEV.
JUN 21 4 P.M. 1971

INSTRUCTIONS: Show name and address below and complete instructions on other side, where applicable. Moisten gummed ends, attach and hold firmly to back of article. Print on front of article *RETURN RECEIPT REQUESTED.*

RETURN TO

NAME OF SENDER Office of Minerals Exploration
U. S. Geological Survey

STREET AND NO. OR P.O. BOX
Department of Interior Building

POST OFFICE, STATE, AND ZIP CODE
Washington, D. C. 20242

6732 (Peterson)

POD Form 3811 Apr. 1967 c55—16—71548-10

INSTRUCTIONS TO DELIVERING EMPLOYEE

☐ Show to whom, date, and address where delivered ☐ Deliver ONLY to addressee

(*Additional charges required for these services*)

RECEIPT

Received the numbered article described below.

REGISTERED NO.

CERTIFIED NO.

133863

INSURED NO.

1 SIGNATURE OR NAME OF ADDRESSEE (*Must always be filled in*)

2 SIGNATURE OF ADDRESSEE'S AGENT, IF ANY

DATE DELIVERED

6/21/71

3 SHOW WHERE DELIVERED (*only if requested*)

c55—16—71548-10 GPO

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
6/9/71		120
		220

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

JUN 9 1971

Mr. L. J. Peterson
Box 156
Montello, Nevada 89445

Re: OME-6732 (Silver)
Tecoma Mines
Lucin Mining District
Box Elder County, Utah

Dear Mr. Peterson:

In response to your request of June 1, 1971, we are returning to you by certified mail the following material from the withdrawn subject application:

1. Two copies Lease and Agreement between Tecoma Mines and Fife and Cramer, May 1, 1959 (seven pages) and Exhibit A (one page).

2. One copy Supplement and Amendment to Lease and Agreement (three pages) plus extra copy of page 2.

3. Two copies letter of consent to transfer and assignment of lease (one page).

4. One copy Agreement to Extend Lease and Contract (two pages).

5. One copy Exchange Agreement (two pages).

6. One copy list of officers (one page).

7. One copy Amendment (one page).

8. One copy Assignment of Lease and Agreement (one page).

9. One copy Report on Tecoma Mine, by L. W. Cramer and P. P. Blakemore, May, 1962 (seven pages and one photo).

10. Bids, cost estimates (twelve pages).

11. Smelter settlement sheets (nine pages).

12. Assay reports (two pages).

13. Correspondence with banks (four letters).

14. One blue folder with 25 pages, correspondence and feasibility report.

15. Maps:

One copy geologic surface map and proposed drill grid
Tecoma Mine - Scale 1" = 50'
Aug 1960 - by Blakemore and Cramer

Geologic surface map - Tecoma Mine
Scale 1" = 50'
August 1960 - by Blakemore and Cramer

Geologic map of underground workings
Tecoma Mine
Scale 1" = 50'
July 1960 - by Blakemore and Cramer

Claim map Tecoma Con. Mng. Co.
Scale 1" = 100'
By Rob't Gorlinski, Feb. 8, 1920

If you wish to reopen the application at some future date, please refer to our previous correspondence.

Sincerely yours,

Harold Kirkemo

Harold Kirkemo
Chief, Office of
Minerals Exploration

Enclosures

cc: Director's Reading File
Mineral Resources
OME docket
OME Reading File
OME Region III
Mr. Kirkemo

HKirkemo/gla 6-9-71

United States Department of the Interior

GEOLOGICAL SURVEY
WASHINGTON, D.C. 20242

June 1-71

AIRMAIL

MAY 10 1971

International Development Co., Inc.
Attention: Mr. L. J. Peterson
522 Atlas Building
Salt Lake City, Utah 84111

RECEIVED
JUN 8 1971
130
120
20 m

Re: OME-6732 (Silver)
Tecoma Mines
Lucin Mining District
Box Elder County, Utah

Dear Mr. Peterson:

We have had no reply to our letter of April 2, 1971, asking you to identify the material you wish returned in order to complete your application.

As no response has been received in the more than 30 days since our inquiry was mailed, we assume that you are no longer interested in completing your application. We, therefore, consider the application as withdrawn and no longer active. Should you wish some of the docket material returned to you, please identify it and we will be glad to do so.

If you should wish to reopen the application at some future date, please refer to the above docket number.

Sincerely yours,

Harold Kirkemo

Harold Kirkemo
Chief, Office of
Minerals Exploration

Dear Sir →

As long as we have to start over, Please Return all paper submitted up to now

L J Peterson

METOIL INC

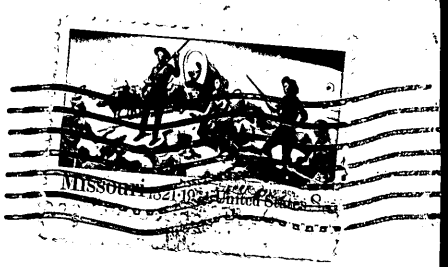
PYRAMID OF RESERVES

METALS . OIL . CHEMICALS

510 NEWHOUSE BLDG
SALT LAKE CITY 11, UTAH

L J Peterson
Box 156
Mountain, Nev

WINNEMUCCA, NV 89445
JUN 19
PM
1971



United States
Department of the Interior
Geological Survey
Washington, D-C- 20242
Dept (90)

Need 5 copies

2 & 5.

2] Tacoma Mines

also

Need legal description of the land

3] Tacoma Mines not Valley View Mines.

6. write "none" if true or "See Annex No. ___"

signed in address space.

(over)

Notes on OME-6732

1. Valley View Mines was a partnership composed of Louis W. Cramer, J. C. Fife, and Page P. Blakemore.

2. Tecoma Mines was a partnership composed of Dean F. Brayton, Calvin A. Behle, and Mercedese Higgins.

3. International Development Co. is a Nevada corporation composed of Carl Fife, D. J. Blanett, Page P. Blakemore, and Larkin J. Peterson.

4. Tecoma Mines acquired rights to property in a Lease and Agreement between Fife and Cramer, lessees, dated May 1, 1959. L. and A. for a period of 10 years, extended to May 1974 by an Agreement to Extend Lease and Agreement postdated to May 1, 1959.

5. An Exchange Agreement, dated July 25, 1969 between L. J. Peterson, Carl Fife, Louis W. Cramer, and Page P. Blakemore, as assignors, and International Development Co., Inc., as

Assignee, assigns, transfers, sets over and conveys all rights, title and interest of a lease and option, dated May 1, 1959, between Tecoma Mines, as Lessor, and Louis Cramer, Carl Fiff, and Page P. Blakemore, as Lessees.

6. International Development Co, Inc. to succeed Tecoma Mines in OME docket number 6732 must submit a new application form 40 as the applicant. This should include up-dated bank letters, and correctly executed Lien & Subordination Agreements from the claim owners — Louis W. Cramer, Carl Fiff, & Page P. Blakemore,

7. Under a Supplement and Amendment to Lease and Agreement, dated May 1, 1959, Page P. Blakemore was added as a lessee.

8. None of the Lien and Subordination Agreements presently in docket are properly and correctly executed.

July 29, 1970

Mr. Loren Peterson
% Louis W. Cramer
514 Atlas Building
Salt Lake City, Utah 84111

Re: OME 6732 (Silver)
Tecoma Mines
Lucin Mining District
Box Elder County, Utah

Dear Mr. Peterson:

Please pardon the delay in pursuing the processing of your application, however, restrictions in funding have limited us from continuing the processing of your application until this time.

Will you please refer to my letter of June 6, 1969, requesting certain data be supplied. Thank you for the information.

Because of the lapse of considerable time you will now need to supply us with new bank letters, which will include two copies each of your letters of request to the banks and four copies each of the banks letters of reply.

We also require five copies of corrected Lien and Subordination Agreements. The original Lien and Subordination Agreements are enclosed with instructions for you in filing the new Agreements.

Enclosed is a supply of new Lien and Subordination Agreements.

We have two copies of your Recapitulation of Cost Covering Exploration for Tecoma Mines, but we do not have true copies of

any bids from three drilling companies, if the drilling is to be performed by an independent contractor. If I recall correctly the drilling is to be performed by you, is this correct?

We must also have bids from three reputable assayers, as well as bids for bulldozing roads and drill sites unless the work is to be done by you. The size of the bulldozer must also be included in the bids.

It is likely that you would only be allowed costs for one consultant for five days rather than for two consultants. The supervisor-geologist-engineer would be able to handle the exploration work without an assistant. This would reduce the amount of F.I.C.A., payroll taxes and insurance considerable. Some of the other cost items may be high. However, with these rather obvious changes, the total estimated cost for the entire project would be approximately $78,340.00. Government participation at 75% would be $58,755.00.

Our Washington office is desirous of knowing how you propose to furnish your share of the cost, will it be partly by the use of your own equipment or by obtaining funds from private sources? Under an OME contract, depreciation on an operator's equipment is an allowable cost to the extent of 1/60 of the fair market value or the book value, whichever is less, for each month actually used on the project. No depreciation is allowed for equipment not needed for the project. We find that allowance for this type of contribution usually is not sufficient to

cover the operator's share of the cost. The operator's share of the cost of an exploration project may be contributed entirely in cash, or partly in cash and partly through depreciation of necessary equipment owned by the operator and used on the project. The Government pays its share of the costs at the end of each month after a voucher for the costs incurred has been submitted and approved. As it usually takes two or three weeks to process a voucher, an applicant should have sufficient funds on hand to pay for all project costs for the first two or three months. The allowance for the use of your equipment would pay only part of the amount.

Sincerelly yours,

J. William Hasler
Field Officer, Region III
Office of Minerals Exploration

Pencile notes on OME-6732

Extra Maps

INSTRUCTIONS FOR USE

1. Void Previously Used Block
2. Identify Agency of Addressee
3. Write Clearly
4. Send Surplus Envelopes to Supply Room for Reissue

Standard Form No. 65
November 1961
General Services Administration
FPMR (41 CFR) 101-11.6

U.S. Government Messenger Envelope

NAME (OR TITLE) OF ADDRESSEE, AGENCY, ORGANIZATIONAL UNIT, ADDRESS, AND ROOM		NAME (OR TITLE) OF ADDRESSEE, AGENCY, ORGANIZATIONAL UNIT, ADDRESS, AND ROOM	
Mrs. A. M. McDonald Rm. 356 Washington Bg. Arlington Towers	STOP	Mrs E E Parson Room 468A Main Bldg	STOP
~~Mr. Otterness~~ ~~Rm 1242 B GSA~~	STOP	~~Mrs Ella Bishop~~ ~~Rm B-242~~ ~~GSA Bldg~~	STOP
~~Personnel Office~~ ~~Rm 1210 GSA Bldg.~~	STOP	~~Mr. Lorenzo~~ ~~Rm 800 18th St. 8th floor~~ ~~Annual Reviews~~	STOP
~~Leona Ward~~ ~~Rm 4238~~	STOP	~~4238 Interior~~	STOP
ELIZABETH JACOBSON Rm 5204 GSA BLDG.	STOP	~~Rosa Jones~~ ~~Rm 4242 GSA~~	STOP
Mr. Bjerquist GSA	STOP	~~4207, GSA~~	STOP
~~Mr. C. Smallwood~~ ~~Room 6219 - GSA~~	STOP	Ralph Fujimoto	STOP
~~Mr. E. Hamrick~~ ~~rm G-213 GSA~~	STOP	Harold Kirkemo Interior Rm 4460	STOP
~~BMR TYPE SECTION~~ ~~RM. B-13, GS Bldg.~~	STOP		STOP
~~BMR FINISHING SECTION~~ ~~RM. B-215, GS Bldg.~~	STOP		STOP

Use other side

Use STOP only when messenger service between Government buildings in Washington, D. C., is required or wherever a STOP system is used. Your mail room has STOP information.

65-107

NAME (OR TITLE) OF ADDRESSEE, AGENCY, ORGANIZATIONAL UNIT, ADDRESS, AND ROOM	
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NAME (OR TITLE) OF ADDRESSEE, AGENCY, ORGANIZATIONAL UNIT, ADDRESS, AND ROOM	
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	STOP

Use other side first

☆ U. S. GOVERNMENT PRINTING OFFICE: 1966—O—249-609

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
5/10/71		120
		220

AIRMAIL

International Development Co., Inc.
Attention: Mr. L. J. Peterson
522 Atlas Building
Salt Lake City, Utah 84111

Re: OME-6732 (Silver)
Tecoma Mines
Lucin Mining District
Box Elder County, Utah

Dear Mr. Peterson:

We have had no reply to our letter of April 2, 1971, asking you to identify the material you wish returned in order to complete your application.

As no response has been received in the more than 30 days since our inquiry was mailed, we assume that you are no longer interested in completing your application. We, therefore, consider the application as withdrawn and no longer active. Should you wish some of the docket material returned to you, please identify it and we will be glad to do so.

If you should wish to reopen the application at some future date, please refer to the above docket number.

Sincerely yours,

Harold Kirkemo

Harold Kirkemo
Chief, Office of
Minerals Exploration

cc: Director's Reading File
Mineral Resources
OME docket
OME Reading File
OME Region III
Mr. Kirkemo

HKirkemo/gla 5-10-71

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
4/2/71	Everick	120
4/2	cor	220
		120M

APR 2 1971

AIRMAIL

International Development Co., Inc.
Attention: Mr. L. J. Peterson
522 Atlas Building
Salt Lake City, Utah 84111

Re: OME-6732 (Silver)
Tecoma Mines
Lucin Mining District
Box Elder County, Utah

Dear Mr. Peterson:

On December 28, 1970, we requested additional information which is necessary to complete the processing of your application, but to date you have not furnished this information.

We understand you recently asked Mr. J. W. Hasler, Field Officer, OME Region III, if the material furnished with your application could be returned in order for you to complete the application. We will gladly do so if you would identify the material you need.

If there is a possibility that you do not intend to complete the application, would you please so advise us in the next 30 days. In that event, we would consider the application as withdrawn and place it in our inactive files.

Sincerely yours,

Harold Kirkemo

Harold Kirkemo
Chief, Office of
Minerals Exploration

cc: Director's Reading File
Mineral Resources File
OME Docket
OME Reading File
OME Region III
Mr. ~~XXX~~ Kirkemo

HKirkemo/bsl 4/2/71

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
12/28/70		120
12/28	cac	220
		120M

AIRMAIL

December 28, 1970

International Development Co., Inc.
Attention: Mr. L. J. Peterson
522 Atlas Building
Salt Lake City, Utah 84111

DEC 28 1970

Re: OME-6732 (Silver)
Tecoma Mines
Lucin Mining District
Box Elder County, Utah

Dear Mr. Peterson:

In processing the new information and reviewing the material now available on the subject application, we note the following problems concerning ownership, identity of applicant, rights in land, bank letters, and lack of evidence to qualify for assistance:

1. Who owns the property on which exploration is proposed? It appears that either Valley View Mines or Carl Fife, Louis W. Cramer and perhaps Page P. Blakemore are the owners. Lien and Subordination Agreements (copies enclosed) should be signed by the owner or owners, and completed exactly as directed by the footnotes and instructions.

2. Who is the applicant? Tecoma Mines submitted an OME application dated April 19, 1968, and Valley View Mines submitted one dated September 23, 1968. International Development Co., Inc. apparently succeeded these companies but it has not submitted an OME application. Copies of Form 40 are enclosed for this purpose. The Lien and Subordination Agreements mentioned above should show the applicant's name exactly as shown on Form 40.

3. Is J. C. Fife and Carl Fife the same individual? Which is the correct spelling--Lorin J. Paterson or Loren J. Peterson?

Various documents and letters show all four names but perhaps only two persons are involved.

4. In the various leases, agreements, and transfers, the consent of the land owner to transfer interest is not indicated. If consent to transfer is necessary in the State of Utah, or required by the terms of the first lease, the owner's consent should be obtained for each subsequent transfer.

5. There is no evidence that Metoil, Inc., qualified to operate in Utah and no information on the present rights of Metoil in this property. Reference is made to this company in a letter from Tecoma Mines to Messrs. Fife, Cramer, and Blakemore dated May 22, 1962.

6. Your letters to the banks request a Development Loan for a mine exploration grant--in one instance for $75,000 and in another for $100,000. The request should have been for a loan for mineral exploration purposes in the amount of the Government's share of the total estimated cost of the proposed contract.

Answers to these questions and submittal of properly executed Lien and Subordination Agreements and a new application form and new bank letters will be necessary before we can continue processing your application.

We also question whether there is sufficient evidence that eligible minerals are present in the target areas to qualify under the regulations of the program. Lead and zinc appear to be the dominant values in production from the property to date, and neither is on the list of minerals eligible for assistance. You have not submitted sufficient sample and assay data from geologic structures in the target areas or adjacent areas to determine eligibility. Silver and/or copper or other eligible minerals should constitute the principal values in the structures to be explored.

The surface geologic map dated August 1960 by Blakemore and Cramer shows no geology or sample and assay information east of the junction of the Morning Star 37 and Tecoma 44 claims, and only sparse information on widths of samples and geologic descriptions in the mapped area. We cannot determine from the information now available either the eligibility or the significance of the targets proposed in your application.

We regret raising so many questions at this time, but unless the material required by the program is submitted, we cannot continue processing your application.

Submittal of the material suggested above should not be construed as a commitment by the Government that a contract will be offered.

Sincerely yours,

Harold Kirkemo
Chief, Office of
Minerals Exploration

cc: Director's Reading File
Mineral Resources
OME Docket
OME Reading File
OME Region III
Mr. Kirkemo

HKirkemo/gla 12-28-70

Enclosures

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
FEDERAL CENTER, DENVER, COLORADO 80225

Office of Minerals Exploration
Building 53 Room 200

December 18, 1970

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O. M. E.
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DEC 21 1970

INITIALS	CODE
JW	1 30
	1 20
HR	1 20
WE	1 20

Memorandum

To: Chief, Office of Minerals Exploration

From: Field Officer, Region III

Subject: OME-6732 (Silver)
Loren C. Peterson
Tecoma Mine
Lucin Mining District
Box Elder County, Utah

Transmitted herewith is a report of examination on the subject property recommending the preparation of a contract to complete the exploration work outlined. The Operator is supplying information explaining how he intends to furnish his share of the Government loan. It will be forwarded as soon as it arrives.

J. William Hasler

J. William Hasler,
Field Officer, Region III
Office of Minerals Exploration

Enclosures

UNITED STATES

DEPARTMENT OF THE INTERIOR

WALTER J. HICKEL, SECRETARY

U. S. GEOLOGICAL SURVEY

OFFICE OF MINERALS EXPLORATION

REPORT OF EXAMINATION

REGION III

OME-6732 (Silver)

LOREN J. PETERSON

TECOMA MINES

BOX ELDER COUNTY, UTAH

AND

ELKO COUNTY, NEVADA

By

J. William Hasler

Geologist

December 1970

ON-SITE
EXAM.RPT.

Contents

	Page
Introduction and summary	2
The property	3
Accessibility	3
History and Production	5
Development	6
Geology	8
Ore Reserves	11
Proposed exploration program	12
Conclusions and recommendations	13
Estimated costs of the work	14

Figure

Figure 1. -- Claim map of the Tecoma Mine showing proposed drilling.

Introduction and Summary

Mr. Loren J. Peterson appplied to the Office of Minerals Exploration on April 19, 1968, for financial assistance in minerals exploration to explore for silver along a zone of mineralization extending northwestward from the Tecoma Mine workings in the Lucin Mining District, Box Elder County, Utah.

The applicant was requested to submit additional information and some was obtained, but not to the the complete satisfaction of the Washington Office of Minerals Exploration. The application was then referred to the field and an examination was made on May 6 and 7, 1969. Mr. Hasler, Field Officer, Region III, made the examination accompanied by the applicant, Mr. Loren J. Peterson.

As a result of the field examination and a thorough study of the geology and mineral occurrence in the Tecoma mine area it is believed that a more limited exploration program, concentrating in a more restricted target area, might result in the discovery of substantial reserves of silver. The applicant was so advised and portions of a revised exploration program has been submitted to this office. Additional data is still required and will be transmitted as soon as it arrives. It is thought that considerable silver ore might occur within the lead-zinc core in the Tecoma mine area, as there appears to be a distinct zonal arrangement between lead and zinc, and silver. It is within the silver-bearing zone that a drilling program seems warranted, and it is therefore recommended that a contract be prepared to explore for silver in the Tecoma mine area as herein outlined.

The Property

The Tecoma Mine is located in the northern part of the Pilot Range in the Lucin Mining District on the Nevada-Utah state line. The property lies in both states but the principal workings lie in Box Elder County, Utah in sections 8, 9, 16 and 17, T. 6 N., R. 19 W., SLM. Two claims are located in section 21, T. 39 N., Mt. Diablo Meridian in Elko County, Nevada (Figure 1).

Accessibility

The property may be reached from Salt Lake City, Utah by travelling west via U. S. Highway 40, and Alt. 50 to Wendover, Utah, a distance of 125 miles, then northwest on U. S. Highway 40 for 32 miles to Oasis, Nevada, then northeastward on Nevada-Utah State Highway 30 to Montello, Nevada, then at a point 7 miles northeast of Montello, Nevada,turn right (a white building containing an airline beacon is on the left side (west) of the highway at this turning point. After turning right, cross the Southern Pacific and Western Pacific railroad tracks on an unimproved road, proceed to the old townsite of Tecoma, then proceed right, southeast, for 4 miles to the Pierson Ranch, travel for about 3 miles up into the Pilot Range to the Tecoma Mine, Henry Portal at an elevation of about 6,000 feet above sea level. The road from the Pierson ranch is in fair condition and can be travelled via a sedan automobile.

The property consists of twelve patented claims and the SW 1/4 SW 1/2, Sec. 9, T. 6N., R. 19 W. which are held by lease from the Tecoma Mines Co., 1001 Walker Bank Building, Salt Lake City, Utah 84111

to the Valley View Mines, with permission given to Mr. Loren J. Peterson to apply as the applicant to the Office of Minerals Exploration.

The patented lode mining claims leased by the applicant are as follows:

Claim	Patent No.	County and State
Morning Star	37	Box Elder, Utah
Rising Sun	38	" " "
Red Cloud	39	" " "
Independence	40	" " "
Confidence	41	" " "
Empire	42	" " "
Sunset	43	" " " and Elko, Nevada
Tecoma	44	" " "
Blackstone	6621	" " "
Pontiac	6617	" " "
Patchie	6617	Elko County, Nevada
Southside	6617	Elko County, Nevada

Also the SW 1/4 of the SW 1/4 Sec. 9, T. 6 N., R. 19 W. The claims in Utah are in Sections 9 and 16, T. 6 N., R. 19 W., SLM. The claims in Nevada are in Section 21, T. 39 N., R. 70 E., MDM. (See lien and subordination agreements, dated October 1, 1968 accompanying application).

During the field examination, Mr. Peterson and Mr. Cramer were informed to show the Government, either by document or letter, that Mr. Loren J. Peterson is the legal applicant. This information is

forthcoming as of June 23, 1969, even though Mr. Peterson informed the examining geologist that the ownership in Valley View mines is as follows:

Mr. Loren J. Peterson	3/6 ownership
Mr. Louis W. Cramer	1/6 ownership
Mr. Carl Fife	1/6 ownership
Mr. Page P. Blakemore	1/6 ownership

The applicant, Tecoma Mines, as of July 25, 1969, made an Exchange Agreement, by and between Loren J. Peterson, Carl Fife, Louis W. Cramer and Page P. Blakemore, hereinafter designated and referred to as "Assignors" and International Development Company, Inc., a Nevada corporation, hereinafter designated and referred to as "Assignee". (Copy of Exchange Agreement included). Mr. L. J. Peterson, P. O. Box 156, Montello, Nevada, was designated as Operator, of International Development Company, and was filed with the Nevada Secretary of State, on August 25, 1970. (Copy of List of Officers, Directors and Agent included).

History and Production

The Tecoma Mine was discovered about 1868 and was the basis for the organization of the Lucin Mining District in 1872.

A smelter was built in the foothills below the mine at a settlement called Buell City, which sprang up as a collection of dugouts and frame shacks housing miners and charcoal burners. The population of Buell City was about 400.

The first operator was an English Company, the Tecoma Mining

Company of Utah, Ltd., which shipped about 1,000 tons of ore assaying 30 percent lead and 10 - 25 ounces of silver per ton to the company's smelter at Truckee, California. Some earlier high-grade ore is said to have been shipped to England.

The American Tecoma Company built the Buell smelter in 1871 and treated several thousand tons of ore averaging 45 percent of lead and 35 ounces of silver per ton. This ore came from two near surface ore bodies. The mines were shut down in 1875 - 76 and were idle except for sporadic and inconsequential leasing activity until 1916-17 when a few thousand tons of silver-lead-zinc ore were mined.

In 1922 about 1440 tons of oxidized zinc ore were shipped to the Utah Zinc Company to a fuming plant at Midvale, Utah, built to treat the oxidized zinc ore reserves estimated at 50,000 tons of ore having a grade of 18 percent.

No further work has been done other than a few shipments of iron oxide for pigment in 1930 - 31, and sample shipments of lead, silver, and zinc ores in 1961 by the Valley View Mines Company.

Development

The west part of the Tecoma property is developed by four tunnels as follows:

Tunnel	Elev.	Approximate feet of development
Main	5831	1,000
Henry	6003	1,000
Tecoma	6102	700
Morning Star	6192	600

These workings are connected with raises, and there are several other short tunnels and shallow shafts.

Three main stopes are opened in the workings; No. 1, the Tecoma Stope from the Nenry Tunnel to the Morning Star Tunnel. Ore has been stoped throughout a range of 480 feet in length, with the ore bodies 20 - 80 feet wide and 20 - 30 feet high. No. 2, the Star Stope 300 feet long, 20 feet wide and 5 - 15 feet high. No. 3, an unnamed vertical stope east of the Tecoma and north of the Morning Star, between the Tecoma and Morning Star levels, is on the fissure rather than in the bedding.

In early 1961 the Valley View Mines Company made a sizeable cut into the ore zone immediately north of the Henry Tunnel Three shipments were sent to the International Smelting and Refining Company's fuming plant at International, Utah. The grade was not up to sampling due to dilution in preliminary surface mining. The data on the shipments are as follows:

Date	Dry Tons	Zn%	Fe%	CaO%
4/27/61	60.579	14.4	16.6	12.3
5/11/61	58.150	16.7	19.1	10.6
5/25/61	62.1676	14.6	16.4	12.7

A pipe of high grade silver-lead ore was opened on the surface by the Valley View Mines Company in 1961, and a few trial lots shipped. The results were:

Date	Dry Tons	Ag oz.	Pb%	Zn%	Fe%
6/14/61	5.76	18.86	54.6	1.4	9.8
6/23/61	7.48	26.65	60.6	1.0	9.3
7/7/61	7.43	20.45	41.0	1.7	15.9

This pipe was mined from the surface down about 12 feet from which it continues downward. It is about 4 feet in diameter and is encased in lower grade ore. The pipe is on an east-west lower grade fissure, exposed about 50 feet along its strike by the workings. A sample of the encasing ore assayed: 4.6 oz. Ag, 12.6% Pb per ton. A cut sample from the fissure assayed: 10.6 oz. Ag,; 14.1% Pb per ton. A general sample of the ore in the pipe, exposed in the bottom assayed: 72.8 oz. Ag; 63.0% Pb per ton.

Considerable lower grade silver-lead ore and additional zinc ores nearby were also developed in these workings.

Caving of old stopes over the Tecoma workings has revealed a fissure with silver-copper mineralization and some lead-zinc ore trending east into unexplored ground. Samples assayed:

Silver copper ore	89.6 oz. Ag	22.81% Cu per ton
Lead-zinc-ore	5.4% Pb	17.0% Zn per ton

Marketing for both oxidized zinc, and silver-lead ores may be made at the International Smelting and Refining Company smelter, and zinc fuming plant near Tooele, Utah, a distance of some 60 miles from the Tecoma Mine area.

Geology

Rocks in the area consist of carboniferous limestones and shales intruded by quartz monzonite. Great thicknesses of heavy-bedded limestones form the bulk of the rocks of the range in the mine area. The rocks, the Fish Haven dolomite of Ordovician age have been severely crushed and brecciated locally. Generally the beds strike slightly west of north

and dip to the east about 30°. This regional strike and dip is maintained across the range to the east and for some distance north of the mine area. Occasional thin beds of shale and shaly limestone exposed in some of the workings indicate that the regional strike persists uniformly in the area of brecciation. The light colored, massive limestone that crops out over most of the area is underlain by a thinner bed of darker colored limestone.

Quartz monzonite crops out over a considerable area on the east side of the range, and a few small areas of quartz monzonite crop out on the west side of the range east of the mine area. A dike of highly siliceous material of similar composition cuts across the area striking nearly east-west. Underground exposures indicate that the dike thickens rapidly at depth. In the thinner zones, and toward the margins of the dike the rock becomes finer grained and somewhat porphyritic. The wider zones exhibit the coarse, granitic texture of the outlying intrusive stocks.

The major structural feature is the east-west zone of brecciation paralleling the hanging wall side of the dike. A few east-west fractures parallel this zone of brecciation. They contain some mineralized material in the form of iron oxide, but are not of major importance. A prominent series of northeast striking fractures appear to have exerted considerable influence on localizing mineralization at various places along the dike.

The main ore deposit is approximately 50 feet wide and 600 feet long adjacent to and paralleling the dike. Almost complete replacement of the limestone has occurred in the upper 80 feet of the ore body.

The lower portion fingers out into pipes and replacement along fractures in the brecciated limestone. Development work shows that mineralization continues east along this zone, but is confined to pipes and fracture filling in the limestone. The ore body dips steeply to the south, lying in contact with the dike. It rakes to the west,roughly following the surface. The lead ore mined is reported to have contained very little zinc, occurring as narrow pipes and bedded replacements extending in irregular directions throughout the main oxidized ore body.

Alteration in the vicinity of the ore is principally kaolinization. Little or no silicification occurs in or surrounding the ore, except for some jasperoid seen in the Morning Star Tunnel stopes.

Lead ore minerals are cerussite, wulfenite, anglesite, and galena. The principal zinc minerals are massive ferruginous, smithsonite, and hemimorphite.

Replacement, controlled by the composition of the sediments and degree of fracturing is fairly complete within the ore bodies, decreasing on their margins to iron stained limestone. The ore is entirely oxidized, the original minerals were iron, zinc, and lead sulphides with minor amounts of copper.

The present mine workings do not disclose the distance to the limestone quartz monzonite contact east of the main ore body. The block of ground may be quite large, depending upon the depth of the contact, and it appears that the brecciation may extend some distance eastward, from the main workings through the intersection of the

strong north-south fault on the Rising Run No. 38 claim. This area should be explored by diamond drilling, as some high grade pods of zinc-lead and silver may be included within the zoned pipes in the ore bodies along the Tecoma fault zone.

Ore Reserves

According to a report supplied by the applicant and authored by Louis Cramer and Page P. Blakemore, both competent consulting geologists, they state the Tecoma mine has a proven reserve in excess of 25,000 tons of oxidized zinc ore averaging about 20 percent zinc and undetermined amounts of lead-silver ore explored by underground and surface workings. Other possible valuable resources are appreciable bodies of iron oxide as an ocherous hematite suitable for pigments, and a talcose sericitic gouge material exposed over considerable widths in places. This material might be suitable for grinding as filler.

An early report (1922 -- U. S. Bureau of Mines) mentioned that exposed as casings or shells of the extracted silver-lead ore bodies there are massive bodies of oxidized ferruginous zinc ore, and that because of access afforded by the many openings, this ore was readily measured and easily sampled. From the workings accessible at that time it was estimated that about 25,000 tons of approximately 20 percent zinc ore was developed, although former operators had estimated as much as 50,000 tons of 18 percent zinc ore.

Shipments during 1961 and 1963 totalled some 60 tons that had an average grade of 0.057 oz. Au, 20.14 oz. Ag, 0.12% Cu, 41.1% Pb and 2.2% Zn, and had an average gross value per ton of $66.84. The

same ore at current prices (7/21/70) has a gross value of $178.97 per ton.

Proposed Exploration Program

The applicant proposes to explore for new and undiscovered reserves of silver ore bodies that range in size and grade approximately 300 feet in length, by 25 feet wide and 25 feet high along the hanging wall of the Tecoma fault with some 25 rows of holes about 50 feet between the rows and about 4 holes on each row spaced some 25 feet apart. The original proposal is to explore along the Tecoma fault for an estimated 1600 feet, and as much as 1,000 feet into the hanging wall. Some 100 holes ranging in depth from 40 to 250 are suggested. The total footage estimated is 14,750 feet. Total estimated cost of the original program was $100,000.00.

During the field examination an alternate program was suggested and on May 10, 1970 a revised program was suggested by the applicant utilizing some 10 drill holes totalling 2,000 feet. The holes, as shown on the map, are located some 400 feet east of the Tecoma tunnel workings, are parallel to the Tecoma fault and some 500 feet in the hanging wall. The parallel alignment of the holes will not afford effective exploration for discovering ore bodies 300' x 25' x 25', therefore it is suggested by the examining geologist that some 10 rows of holes be drilled in two stages, with four holes in each row to be drilled to explore north-south across the trend of the ore bodies as well as east-west along the hanging wall side of the Tecoma fault. The first 5 rows of holes should be drilled as shown on the accompanying map, then drill another 5 rows of holes, four east of the strong north= south fault, that crosses the Rising Star No. 38, and the Red Cloud

No. 39 claims and 1 row of holes to explore the footwall side of the north-south fault. This would more effectively explore the southeastward extension of the ore bodies that lie in the hanging wall of the Tecoma fault, with an estimated footage of 6,000 feet in two stages. If results from the first 5 rows of holes are encouraging a second 5 rows of holes may be drilled. A telephone conference was held with Mr. Peterson August 10, 1970 and these proposed changes were discussed with him. He concurred that a series of north-south holes along the lines of their original proposal would be more effective than the angle line of holes extending along the hanging wall of the Tecoma fault as were shown in red on their alternate proposals. Estimated total costs for the two-stage exploration program would total $114,434.00. Government participation at 75 percent would total $85,825.50 provided both Stage I and Stage II portions of the exploration would be completed.

Conclusions and Recommendations

It is the opinion of the examining geologist that there is a fairly good possibility of discovering new and undiscovered reserves of silver that appear to occur as a core within lead-zinc ore bodies with dimensions of 300' x 25' x 25' along the hanging wall of the Tecoma fault as has been mined previously by the applicant and previous owners. It is recommended that a contract be prepared and executed to perform the exploration work herein proposed by the examining geologist. The estimated costs of drilling approximately

6,000 feet of diamond drilling in two stages of approximately 3,000 feet each are shown below:

Estimated Costs of the Work

Stage I

Actual Costs

Category (1) Independent Contracts

Mobilization and demobilization drilling equipment and personnel	$ 650.00
Bulldozing roads and drill sites 1/ (including moving bulldozer in and out; 240 hours @ $18.00 hour)	5,386.00
Drilling 20 holes, est. 3,000 feet 20 holes - 3,000 ft. @ $8.25/ft.	24,750.00

Depth, feet	NC	NX	BX	AX&EX
0 - 200	$7.85			
0 - 250	$7.75	$7.40	$6.50	$6.00
250 - 500		8.20	7.10	6.60
500 - 750			8.00	7.30
750 -1000			8.95	8.20

Reaming, including installing and removing casing	3,000.00
Rates, all sizes: 0 - 500 feet $3.80/foot; 500 - 1000 feet $5.40/foot	
Casing lost in hole	2,000.00

Sizes:	4-inch	NX	BX	AX	EX
Cost/foot	$4.14	$3.31	$3.00	$1.81	$1.62

Freight allowance 20 cwt. @ $1.25 per cwt	25.00
Cementing and Redrilling 20 hrs. @ $12.50 per hour	2,500.00

1/ [illegible]

Category (1) Independent Contracts (Continued)

Additives, Drilling Muds 160 sacks @ $7.50 per sack	$1,200.00	
Water truck rental 6 months @ $190.00 per month	1,140.00	
Water truck mileage - 500 miles/month 3,000 miles @ $0.12 per mile	360.00	
Truck Driver, including F.I.C.A. etc. 855 hours @ $3.51 per hour (rounded)	3,002.00	
Surveying, 22 hours @ $12.00 per hour (rounded)	264.00	
Surveying instrument, in-hole, including transport - 8 days at $80.00 per day	640.00	
Stand-by time, 60 hours @ $11.00 per hour	660.00	
Core boxes, 300 boxes @ $1.00 per box	300.00	
		$45,877.00

1/ Kimber bid, only dozer operator available near mine area

$45,877.00

Category (2) Personal Services

Subcategory (a) Supervision and Technical Services

None except:

1 Supervisor 6 months at $910.00 per month		5,460.00	
1 consultant 5 visits @ $125.00/day	=$625.00		
Per diem: 5 days @ $25.00/day	= 125.00		
Mileage: 1,750 miles @$0.12/mile	= 210.00		
	$960.00	960.00	
			6,420.00

Category (3) Operating Materials and Supplies

None except:

Explosives, including detonators	300.00	300.00

Category (7) Miscellaneous

None except:

Samples assayed for gold and silver 200 samples @ $3.00 per sample	$600.00	
Samples assayed for lead and zinc 200 samples @ $4.00 per sample	$800.00	
Vehicle mileage (3,000 miles/month) 18,000 miles @ $0.12 per mile	2,160.00	
Accounting and Office Expense 6 months @ $40.00 per month	240.00	
F.I.C.A., payroll taxes, insurance 6 months @ $910.00 X 15%	820.00	
		$4,620.00

Total Estimated Cost of Stage I $57,217.00

Government participation at 75%+ $42,912.75

Stage II costs same as for Stage I $57,217.00
should Stage I prove successful

Government participation Stage 2 $42,912.75

Total estimated cost Stage I
and Stage II $114,434.00

Total estimated cost Stage I and Stage II,
Government participation $85,825.50

Office of Minerals Exploration
Building 53 Room 200

August 31, 1970

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O. M. E.
SEP 4 1970
INITIAL CODE
bel 120M
HK 120
WE 120

Mr. Loren Peterson
c/o Louis W. Cramer
514 Atlas Building
Salt Lake City, Utah 84111

Subject: OME-6732 (Silver)
Tecoma Mines
Lucin Mining District
Box Elder County, Utah

Dear Mr. Peterson:

During our telephone conversation here in Denver the first part of August, I indicated that I would recommend an alternate proposed exploration program that I thought would more adequately explore the eastward extension of the Tecoma fault zone than drill hole Nos. 1 through 8 you proposed that were located along the Tecoma fault zone rather than normal, or at right angles to the Tecoma fault zone.

Enclosed is a map showing two series of diamond drill holes, consisting of 5 rows of holes spaced 50 feet apart with 4 holes in each row spaced 25 feet apart, depth of the holes will range from 40 feet in depth nearest the Tecoma fault to 250 feet in depth some 100 feet from the fault. The proposed program would be drilled as a Stage I program totalling an estimated 3,000 feet of diamond drilling in 20 holes because of current budget restrictions. Total estimated costs for this 3,000 feet of drilling would be $56,891.00. The Government's share at 75 percent would be $42,668.25. Should the Stage I drilling prove successful, funds for an additional 3,000 feet of diamond drilling may be recommended in the area near the north-south prominent fault on the Red Cloud 39 claims or where the previous driling indicates ore bodies may be found along the hanging wall side of the Tecoma fault zone. Estimated costs are as follows. Please indicate if the cost figures are reasonable and accurate.

Estimated Costs of the Work

Stage I

Actual Costs

Category (1) Independent Contracts

Mobilization and demobilization, drilling equipment and personnel	$	650.00
Bulldozing roads and drill sites, including moving bulldozer in and out; 240 hours @ $18.00 hour		4,320.00
Drilling 20 holes, est. 3,000 feet 20 holes - 3,000 ft. @ $8.25/ft.		24,750.00

Depth, feet	NC	NX	BX	AX&EX
0 - 200	$7.85			
0 - 250	$7.75	$7.40	$6.50	$6.00
250 - 500		8.20	7.10	6.60
500 - 750			8.00	7.30
750 -1000			8.95	8.20

Reaming, including installing and removing casing — 3,000.00

Rates, all sizes:

0 - 500 feet	$3.80/foot
500 -1000 feet	$5.40/foot

Casing lost in hole — 2,000.00

Sizes:	4-inch	NX	BX	AX	EX
Cost/foot	$4.14	$3.31	$3.00	$1.81	$1.62

Freight allowance 20 cwt. @ $1.25 per cwt — 25.00

Cementing and Redrilling 20 hours @ $12.50 per hour — 2,500.00

Category (1) Independent Contracts (Continued)

Additives, Drilling Muds 160 sacks @ $7.50 per sack	$1,200.00	
Water truck rental 6 months @ $190.00 per month	1,140.00	
Water truck mileage - 500 miles/month 3,000 miles @ $0.12 per mile	360.00	
Truck Driver, including F.I.C.A. etc 855 hours @ $3.51 per hour (rounded)	3,002.00	
Surveying, 22 hours @ $12.00 per hour (rounded)	264.00	
Surveying instrument, in-hole, including transport - 8 days at $80.00 per day	640.00	
Stand-by time, 60 hours @ $11.00 per hour	660.00	
Core boxes, 300 boxes @ $1.00 per box	300.00	
		$45,811.00

Category (2) Personal Services

Subcategory (a) Supervision and Technical Services

None except:

1 Supervisor-geologist-engineer 6 months at $910.00 per month	5,460.00	
1 Consultant - 5 visits Car and per diem	700.00	
		6,160.00

Category (3) Operating Materials and Supplies

None except:

Explosives, including detonators	300.00	300.00

Category (7) Miscellaneous

None except:

Samples assayed for gold and silver 200 samples @ $3.00 per sample	$600.00	
Samples assayed for lead and zinc 200 samples @ $4.00 per sample	800.00	
Vehicle mileage (3,000 miles/month) 18,000 miles @ $0.12 per mile	2,160.00	
Accounting and Office Expense 6 months @ $40.00 per month	240.00	
F.I.C.A., payroll taxes, insurance 6 months @ $910.00 X 15%	820.00	
		$4,620.00
Total Estimated Cost of Stage I		$55,891.00
Government participation		$41,918.25

Stage II costs same as for Stage I should Stage I prove successful	$55,891.00
Government participation Stage II	$41,918.25
Total estimated cost Stage I and Stage II	$111,782.00
Total estimated cost Stage I and Stage II, Government participation	$ 83,836.50

Sincerely yours,

J. William Hasler,
Field Officer, Region III
Office of Minerals Exploration

Enclosure
cc: Chief, OME✓
OME-6732
OME chron
Mr. Hasler chron

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
7/7/70	Emerick	120
		120
7/1	Cal	220
		120M

AIRMAIL

JUL 7 1970

Memorandum

To: Field Officer, Region III

From: Chief, Office of Minerals Exploration

Subject: OME-6732 (Silver)
Tecoma Mines
Lucin Mining District
Box Elder County, Utah

If you are considering a recommendation of the above application as a prospective contract during this first quarter of Fiscal Year 1971, please review your letter, dated June 6, 1969, to the Applicant in which you requested certain information. In addition to the information requested in your letter, the following information also should be requested:

1. Update application with new bank letters, which will include copies of the Applicant's request to the banks as well as the banks' letters of reply.

2. Five copies of corrected Lien and Subordination Agreements. The original Lien and Subordination Agreements are enclosed with instructions for the Applicant in filing the new agreements.

3. The lease and agreement between Tecoma Mines and J. C. Fife and Louis W. Cramer expired on May 1, 1969. Has it been extended by the Lessees?

4. True copies of bids from three drilling companies if the drilling is to be performed by an independent contractor.

5. How does the Applicant propose to furnish its share of the cost?

Harold Kirkemo (gla)

Harold Kirkemo

Enclosures

cc: Director's Reading File
Mineral Resources
OME docket
OME Reading File
Mr. Emerick
130

WLEmerick/gla 7-7-70

Office of Minerals Exploration
Building 53 Room 200

June 6, 1969

June 6, 1969

COPY
O. M. E.
RECEIVED
JUN 9 1969

INITIALS	CODE
	~~130~~
gla	120
JHK	~~120~~
	120

Mr. Loren Peterson
c/o Louis W. Cramer
514 Atlas Building
Salt Lake City, Utah 84111

Subject: OME-6732 (Silver)
Tecoma Mines
Lucin Mining District
Box Elder County, Utah

Dear Mr. Peterson:

The recapitulation of costs pertaining to the subject docket arrived in this office May 29, 1969. Enclosed also were copies of your letters of request to the banks and their reply to you. These all appear in good order.

You refer, in the second paragraph, to the locations of the drill hole sites, bearings and inclination, and specifically to holes 5, 6, 7 and 8 on Plat 1, however, there was no copy of plat 1 included in the latest material you sent. The only maps I have are those submitted with your original application. The large map showing the proposed drill hole locations accompanying the original application, is the one we used during the field examination and is the only map I have. The drill holes shown on the map are not numbered. Will you please send me two copies of the Plat 1 you referred to in your letter to me dated May 10, 1969. indicating the location and number of drill holes 5, 6, 7 and 8.

We also need copies of the document that shows you to be the legally authorized applicant, or, if Valley View Mines is the applicant, as we discussed at the mine and in Mr. Cramer's office as well. May we be assured that the lease and agreement between Tecoma Mines, and Fife and Cramer can be extended? We note that it expired in May 1969.

I shall hold the material you sent May 10, 1969 pending the arrival of the material requested in this letter.

Sincerely yours,

J. William Hasler

J. William Hasler, Field Officer, Region III
Office of Minerals Exploration

cc: Chief, OME
cc: OME-6732
OME chron
Mr. Hasler

Office of Minerals Exploration
Building 53 Room 200

May 16, 1969

OFFICIAL COPY
O. M. E.
RECEIVED
MAY 19 1969

INITIALS	CODE
bsl	120 M
WE	~~120~~ E
	120 P

Mr. Loren Peterson
c/o Louis W. Cramer
514 Atlas Building
Salt Lake City, Utah 84111

Re: OME-6732 (Silver)
Tecoma Mines
Lucin Mining District
Box Elder County, Utah

Dear Mr. Peterson:

Enclosed is a sample cost breakdown from one of our contracts, as well as some additional information that may be used to show us how you arrive at estimated costs for drilling.

These need not be the final draft of your amended proposal, they are merely suggested work sheets.

The examination trip with you was a most interesting and informative one, thank you for your fine hospitality at the mine.

Sincerely yours,

J. William Hasler

J. William Hasler
Field Officer, Region III
Office of Minerals Exploration

cc: Chief, OME
OME chron
Mr. Hasler
OME-6732

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
2/11/69	Peterson	120
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		110
2/11	Case	220
		120M

FEB 11 1969

AIRMAIL

Memorandum

To: Field Officer, Region III

From: Chief, Office of Minerals Exploration

Subject: OME-6732 (Silver)
Tecoma Mines
Lucin Mining District
Box Elder County, Utah

We are referring the subject application to you for further consideration, a field examination if warranted, and recommendations.

A review of the material furnished by the Applicant indicates that the Tecoma mine is chiefly a lead-zinc deposit. However, these data also suggest that eligible minerals may be present in sufficient quantities to qualify the property for OME assistance.

The proposal to drill a large number of holes on 25- and 50-foot centers is designed to block out ore in preparation for mining (development). It seems that a more realistic program could be developed in discussions with the Applicant if you believe the property warrants exploration.

Much of the additional information which we had requested has been furnished. Still lacking are letters to the banks, a detailed cost estimate, clarification as to who is the Applicant, and assurance that the Lease and Agreement between Tecoma Mines, and Fife and Cramer can be extended. We note that it expires in May 1969. If a contract is recommended this material must be supplied. Indications are that further correspondence between this office and the Applicant would add little information to what has already been submitted.

FRANK E. JOHNSON (gfa)

Frank E. Johnson

cc: Director's Reading File
Economic Geology File
OME Docket
OME Reading File
Mr. Peterson
120

ECPeterson/bsl 2/11/69

MME Form 7
(2/63)

OFFICIAL FILE COPY

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		120M

FEB 11 1969

AIRMAIL

Tecoma Mines
1001 Walker Bank Bldg.
Salt Lake City, Utah 84111

Re: OME-6732 (Silver)
Tecoma Mines
Lucin Mining District
Box Elder County, Utah

Gentlemen:

This will acknowledge your letter of February 5 enclosing additional information in support of the subject application for financial assistance.

The application is now being referred for further consideration to Mr. J. William Hasler, Field Officer, Region III, Office of Minerals Exploration, Room 203 - Building 53, Denver Federal Center, Denver, Colorado 80225.

Mr. Hasler will notify you if he requires additional information and to arrange for an on-site examination of the property, if necessary.

Sincerely yours,

FRANK E. JOHNSON (glc)

Frank E. Johnson
Chief, Office of
Minerals Exploration

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

ECPeterson/bsl 2/11/69

Tecoma Mines
1001 Walker Bank Building
Salt Lake City, Utah 84111
February 5, 1969

OFFICIAL
COPY
O. M. E.
RECEIVED
FEB 10 1969
INITIALS | CODE
120

Mr. Johnson
Mineral Exploration
U. S. Department of the Interior
Washington, D. C.

Re: Contract No. 14-23-090

Dear Mr. Johnson:

Enclosed are the signatures requested, and I hope this is the necessary answers.

If you need further information, please communicate with me.

Very truly yours,

L. J. Peterson
Operator
Valley View Mines
Montello, Nevada

LJP;sw
encl.

BUREAU OF MINES
WASHINGTON, D.C.

FEB 7 9 44 AM '69

1001 Walker Bank Building
Salt Lake City, Utah 84111
January 20, 1969

OFFICIAL COPY
O. M. E.
RECEIVED
JAN 22 1969

INITIALS	CODE
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bsf	120
REG	40
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Frank E. Johnson
Chief, Office of Minerals Exploration
Department of the Interior
Geological Survey
Washington, D. C. 20242

Re: OME-6732 (Silver)
Tecoma Mines
Lucin Mining District
Box Elder County, Utah

Dear Mr. Johnson:

We are still sincerely interested in the loan, but not until yesterday was it possible to locate one of the members of the Valley View Mines, Mr. Fife.

Papers have been forwarded to him for his signature, and I am sincerely hoping this will be all that is necessary to satisfy your desires.

Sincerely,

L. J. Peterson
Operator

LJP;sw

MME Form 7
(2/63)

OFFICIAL FILE COPY

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1/15/69	Peterson	120
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JAN 15 1969

AIRMAIL

Tecoma Mines
1001 Walker Bank Bldg.
Salt Lake City, Utah 84111

Re: OME-6732 (Silver)
Tecoma Mines
Lucin Mining District
Box Elder County, Utah

Gentlemen:

We have not had a reply to our letter of December 10, 1968. If you need additional time to prepare the information, please let us know. If we do not receive a reply from you within 30 days from the date of this letter, we must assume that you are no longer interested in proceeding with your application and we shall consider it as having been withdrawn.

Sincerely yours,

FRANK E. JOHNSON (glw)

Frank E. Johnson
Chief, Office of
Minerals Exploration

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

ECPeterson/bsl 1/15/69

MME Form 7
(2/63)

OFFICIAL FILE COPY

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DEC 1 0 1968

AIRMAIL

Tecoma Mines
1001 Walker Bank Bldg.
Salt Lake City, Utah 84111

Re: OME-6732 (Silver)
Tecoma Mines
Lucin Mining District
Box Elder County, Utah

Gentlemen:

We have not heard from you since Mr. Peterson's letter of November 1. Will you please advise us when we may expect to receive the authorization document mentioned in the third paragraph of the letter.

We wish to cooperate fully in allowing you ample time to secure this material; however, we cannot indefinitely postpone action on an application.

Sincerely yours,

FRANK E. JOHNSON (gla)

Frank E. Johnson
Chief, Office of
Minerals Exploration

cc: Director's Reading File
Economic Geolgoy File
OME Docket
OME Reading File
Region III
Mr. Peterson

ECPeterson/bsl 12/10/68

Tecoma Mines
1001 Walker Bank Bldg.
Salt Lake City, Utah 84111

November 1, 1968

OFFICIAL COPY
O. M. E.
RECEIVED
NOV 6 1968

INITIALS	CODE
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bol	120 M
JRJ	110
	120 P

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

RE: OME - 6732 (Silver)
Tecoma Mines - Lucin Mining District
Box Elder County, Utah

Dear Mr. Johnson:

In answer to your letter of October 8, 1968, I will attempt to cover your objections and queries relating to the above docket number.

A grid system of exploration was decided upon in order to find any ore bodies existing in the hanging wall of the Tecoma Fault. These silver-lead ore bodies are known to be small but generally high grade (silver 20 - 100 ounches, lead 50 to 60%). They are not directly related to the Tecoma Fault-Fissure and therefore the closer spaced drilling as outlined is necessary to explore the block of ground south-east of the presently mined area.

I will represent the partnership in all matters pertaining to the OME application and will forward you this authorization shortly.

I do not have letters to the banks requesting a loan for this project as I consulted the bank officials directly and have enclosed in the previous applications their refusals, as is also the turn-key bid from three contractors on the work.

Very truly yours,

Loren J. Peterson

LJP:mld

MME Form 7
(2/63)

OFFICIAL FILE COPY

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10/8/68	Peters	120
	(on leave)	120
		110
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		120M

OCT 8 1968

AIRMAIL

Tecoma Mines
1001 Walker Bank Building
Salt Lake City, Utah 84111

Re: OME-6732 (Silver)
Tecoma Mines
Lucin Mining District
Box Elder County, Utah

Gentlemen:

This will acknowledge receipt of the additional information you recently submitted in support of the subject application for financial assistance.

Our review of this material indicates that the proposal to drill a large number of holes on 25- and 50-foot centers is considered to be development rather than exploration and is not eligible for assistance. Under present regulations the Government does not participate in work designed to block out ore (development) in preparation for mining.

In view of this, we suggest that you consider a modest program of exploration drilling. It seems that several well planned holes would be sufficient to adequately explore the target area.

If a revised proposal is submitted you will also have to furnish the following additional information to complete the application.

Please clarify whether Valley View Mines, which appears to be a partnership consisting of the three individuals listed, or Mr. L. J. Peterson, an individual, is the Applicant. If the former, and Peterson is to represent the partnership in all matters pertaining to the OME application, a copy of the document signed by all partners giving him this authorization is required.

In addition, if Valley View Mines is the Applicant, we will require a copy of the document assigning the rights of J. C. Fife and Louis W. Cramer, the lessees of the claims, to the partnership.

Furnish copies of your letters to the banks requesting an exploration loan. The letters should state the amount of the loan (estimated Government participation), purpose, date, and terms requested.

Supply a detailed estimate of the necessary costs for the proposed work. These costs should be distributed as follows for the work to be performed: (1) supervision and engineering, (2) labor, (3) supplies and materials, and (4) equipment. For work to be contracted, cost estimates must be supported by bids from three contractors for each item of work 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 Dokcet
OME Reading File
OME Region III
Mr. Peterson

ECPeterson/bsl 10/8/68

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
FEDERAL CENTER, DENVER, COLORADO 80225

Office of Minerals Exploration
Building 53 Room 203

October 2, 1968

OFFICIAL COPY
O. M. E.
RECEIVED
OCT 4 1968

INITIALS	CODE
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	~~130~~
	110
	120 p

Memorandum

To: Chief, Office of Minerals Exploration

From: Field Officer, Region III

Subject: OME-6732 (Silver)
Tecoma Mines
Lucin Mining District
Box Elder County, Utah

Transmitted herewith is a copy of material received pertinent to the above-stated subject. One copy has been retained for the OME Region III field office files.

J. William Hasler
J. William Hasler,
Field Officer, Region III
Office of Minerals Exploration

Who is [illegible] ?
Tecoma Mines
Valley View [illegible]
[illegible] Colorado

MME Form 40
Jan. 65

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

OME Region III
RECEIVED
OCT 2 1968
Denver, Colorado

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)

OFFICIAL COPY
O. M. E.
RECEIVED
OCT 4 1968

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

Valley View Mines
514 Atlas Bldg
Salt Lake City, Ut 84101

APPLICANT DO NOT USE THIS BLOCK

	INITIALS	CODE
DOCKET NUMBER		
DATE RECEIVED		
REGION		
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
Louis W Cramer	Salt Lake City Ut	Mgr
Carl Fife	Cedar City Ut.	
Page P Blakemore	Salt Lake City Ut.	

MINERAL(S) FOR WHICH YOU WISH TO EXPLORE: Silver

ESTIMATED COST OF PROJECT: $ 100,000

PROPERTY NAME

LOCATION COUNTY STATE

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 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.

Sept 23, 1968
DATED

Valley View Mines
Louis W Cramer
BY (*Signature*)

Mgr.
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).]

3. Physical Description

(f) Considerable silver-lead ore was produced and smelted nearby in the 1870's. The amount of this production is not known. In the early mining considerable zinc oxide ore was developed and during the first World War several thousand tons of this ore was mined and shipped.

Attached are Zerox copies of several assay certificates from samples taken on the property in the early 1950's. Also attached are Zerox copies of several smelter settlement sheets indicating the silver-lead ratio and with the present price of silver the dollar value is about the same as that of the lead content in the ores.

The drilling program outlined is designed to explore easterly from the presently stoped area, along the strong Tecoma Fault. The presently known ore bodies all occur in the hanging wall of this fault so the drilling will explore this potential ground for some 1200 feet easterly.

5. Exploration work:

(a) The exploration work consiste entirely of drilling, with down the hole hammer and coring when indicated. This would necessitate dozer work for the drill sites. Attached is a drill grid map showing the estimated footages.

6. The Valley View Mines do not now have the personnel to supervise the project, but will rely on Mr. Loren J. Peterson who has been leasing and rehabilitating the old workings for the past five years.

7. See Drilling bids.

(g) Drill site roads and location estimated at $15,000.00.

Respectfully yours,

L. J. Peterson,
Operator

TECOMA MINING COMPANY

Montello, Nevada

September 1, 1968

United States Department
Of the Interior
Geological Survey
Washington, D.C. 20242

Attention Mr. Frank E. Johnson
Chief, Office of
Minerals Exploration

Gentlemen:

Re: OME-6732 (Silver)
Tecoma Mines
Lucin Mining District
Box Elder County, Utah

1. Financial Eligibility to be supplied by L. J. Peterson.

2. Applicant's rights on Land

(a) Applicant is the owner
(b) Tecoma Mines owns the following patented mining claims:

Claim	Pat No.	County & State
Morning Star	37	Box Elder Co., Utah
Rising Run	38	" " " "
Red Cloud	39	" " " "
Independence	40	" " " "
Confidence	41	" " " "
Empire	42	" " " "
Sunset	43	Box Elder & Elko Co., Nev
Tecoma	44	Box Elder Co., Utah
Blackstone	6621	" " " "
Pontiac	6617	" " " "
Patchie	6617	Elko Co., Nevada
Southside	6617	" " "
Southside	6617	" " "

Also the SW$\frac{1}{4}$ of the SW$\frac{1}{4}$, Section 9, T 6 N, R 19 W.

The claims in Utah are in Sections 9 and 16, T 6 N, R 19 W, SLM. The claims in Nevada are in Section 21, T 39 N, R 70 E., MDM.

All work anticipated in this application will be done in Utah

(c) Does not apply.

PETERSON DRILLING COMPANY OF WYOMING

Worland, Wyoming

September 18, 1968

Tacoma Mines
1001 Walker Bank Building
Salt Lake City, Utah 84111

Gentlemen:

In accordance with your request, we herewith offer our proposal for rotary air drilling, collecting dust samples, near Montello, Nevada, Elko County. This proposal is based on a 12,000 ft. total, or approximately 60 holes.

Proposal

Item 1.	Mobilization and demobilization, crews and equipment, Salt Lake City base	Lump Sum	$1,650.00
Item 2.	Rotary drilling with air to depths of 250 feet, minimum size 3 7/8"	Per Foot	5.25
Item 3.	Rotary drilling with mud, if necessary, to depths of 250 feet, minimum size 3 7/8"	Per Foot	5.85
Item 4.	Delays or standby time requested by customer, hole surveys, moving from site to site with crew (estimated 200 hours)	Per Hour	25.00
Item 5.	Drilling mud, additives, lost circulation materials, cement, (if necessary) (estimated overall cost 28¢ per foot)	@ Cost fob jobsite	
Item 6.	Sample containers or miscellaneous supplies for customer's use (estimated 5¢ per foot)	@ Cost plus 10% fob jobsite	

Continued

Item 7.	Casing installation (estimated 50 hours)	Per Hour	$ 24.00
	Lost casing or left in place (estimated 600 ft.)	Per Foot	3.85

Conditions

1. Peterson Drilling Company of Wyoming will provide:

   (a) Portadrill rotary and 600 c.f.m. Gyro-flo Compressor
   (b) "Down-hole hammer," tools, bits and accessories.
   (c) Fuel, supplies, etc.
   (d) Two each 2-man drill crews, 6 days per week, double shifting, 8 or 10 hour shifts.
   (e) Ancilliary vehicles.

2. Tacoma Mines will provide:

   (a) Access roads, level drillsites, maintenance of roads.
   (b) Drilling permits, entry and exit rights to property.
   (c) Sample containers unless otherwise requested.
   (d) Funds in escrow for first month's drilling, and payment of monthly invoices within 10 days of invoice date.

Very truly yours,

PETERSON DRILLING COMPANY OF WYOMING

Walter Simmons

Walter Simmons
Manager, Western Branch
Mina, Nevada

c

Office of Minerals Exploration
Building 53 Room 203

September 6, 1968

O. M. E.
RECEIVED
SEP 9 1968
INITIALS | CODE

Mr. Loren Peterson
Montello, Nevada 89502

Subject: OME-6732 (Silver)
Tecoma Mines
Lucin Mining District
Box Elder County, Utah

Dear Mr. Peterson:

Your letter dated August 29, 1968 concerning the subject property and addressed to the U. S. Department of the Interior, Geological Survey, Denver, Colorado was forwarded to me via central mailing on September 4, 1968.

Please address all correspondence that is directed to the Region III Office of Minerals Exploration as follows:

Mr. J. William Hasler, Field Officer, Region III
Office of Minerals Exploration - U. S. Geological Survey
Denver Federal Center - Building 53 - Room 203
Denver, Colorado 80225

I have on file at this office, a copy of your letter to Mr. Frank E. Johnson, dated August 20, 1968, and Mr. Johnson's reply to you dated August 27, 1968 in which he states in paragraph two as follows: "To date, the material relating to bank letters, physical description, smelter returns, and description of the proposed work mentioned in your letter as having been forwarded to this office has not been received. Until this material and the bids for the work to be performed are received we shall continue to hold the processing of your application."

I also have in my file the following:

1. An application, form MME 40, dated April 19, 1968 giving the name of the applicant as Tecoma Mines, 1001 Walker Bank Building, Salt Lake City, Utah 84111. The application was signed by Dean F. Brayton, President.

2. A letter dated April 16, 1968 addressed to you from the Continental Bank and Trust Company, Salt Lake City, Utah, denying your request for a loan of $100,000.00 to be used in the development and exploration of the subject property.

3. A letter dated April 8, 1968, addressed to Valley View Mines, attention of Mr. L. J. Peterson from the First Security Bank of Utah, Salt Lake City, Utah, denying your request for a loan of $100,000.00 to develop and explore the subject property.

4. A letter showing a very brief estimate of costs and breakdown covering drilling of an enclosed grid, totalling an estimated $100,000.00.

5. A map of a scale of 1" = 50' of the Tecoma Mine showing claims, geology, and a proposed drilling grid designed to explore the Tecoma ore zone 1,200 feet east. Map prepared by Blakemore and Cramer.

6. A claim map of Tecoma Con Mining Compnay on a scale of 1' = 100' adapted from a map by Robert Gorlinski.

7. A map showing the Tecoma Mine workings and the geology, on a scale of 1' = 50' prepared by Blakemore and Cramer.

8. A claim map showing the Tecoma mine workings and limited amounts of geology, also on a scale of 1" = 50' prepared by Blakemore and Cramer.

9. A copy of a report on the Tecoma Mine Lucin Mining District dated May 1962 by Louis W. Cramer and Page P. Blakemore.

On September 4, 1968 in an attempt to contact you about the material you though was to go to this office and reportedly mailed to Denver and which has not been received as of today, I talked with Mr. Dean Brayton, as the application is in the name of Tecoma Mines. Mr. Brayton informed me that Messrs. J. C. Fife, Louis W. Cramer, and Page P. Blakemore are the actual lessees of the Tecoma Mine under a lease dated October 26, 1960 and that you are acting as an operator for the lessees.

The MME Form 40 should actually show the names of the Lessees as the applicant, and should be signed by one of them. Two true copies of the lease should be sent to this office, and lien and subordination

agreements (MME Form 52's enclosed) should be executed by the Tecoma Mines, and signed by one of its duly constituted officers.

Also required are two true copies of each of your letter, or the Lessee's letter to two banks, requesting the loan of $100,000.00.

We need two copies of all documents, and any material related to OME-Docket 6732 furnished the Office of Minerals Exploration, so that one copy can be sent to our Washington office and one retained in the Denver office.

We shall hold your application in this office until the additional material has been received. Enclosed also are new application forms which must be completed by the Lessees as completely as possible. Detailed instructions are printed on the back side of the MME Form 40.

Sincerely yours,

J. William Hasler

J. William Hasler,
Field Officer, Region III
Office of Minerals Exploration

cc: Mr. Dean F. Brayton
1001 Walker Bank Building
Salt Lake City, Utah 84111

cc: Chief, OME ✓
OME-6732
OME chron
Mr. Hasler

August 29, 1968

OFFICIAL COPY
O. K.
SEP 3
INITIALS | CODE
Copy to R-116

U. S. Department of the Interior
Geological Survey
Denver, Colorado

RE: OME-6732 (Silver)
Tecoma Mines
Lucin Mining District
Box Elder County, Utah

Dear Sirs:

Regarding the above matter, we have the attached letter from Mr. Frank E. Johnson in Washington, D. C. indicating that letters, physical description, smelter returns and description of proposed work have not been forwarded to the Washington office.

We thought the material was to go to Denver and, therefore sent it there and trust same is in your Denver office. We would appreciate your forwarding it as apparently required at the Washington office.

Very truly yours,

Loren Petersen

LP:mld

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON, D.C. 20242

AUG 27 1968

AIRMAIL

Mr. L. J. Peterson
1001 Walker Bank Bldg.
Salt Lake City, Utah 84111

Re: OME-6732 (Silver)
Tecoma Mines
Lucin Mining District
Box Elder County, Utah

Dear Mr. Peterson:

This will acknowledge your letter of August 20 concerning the subject application for financial assistance.

To date, the material relating to bank letters, physical description, smelter returns, and description of the proposed work mentioned in your letter as having been forwarded to this office has not been received. Until this material and the bids for the work to be performed are received we shall continue to hold the processing of your application.

In reference to financial eligibility, all we require is your assurance that the company will have sufficient funds available to pay its share of the estimated costs in the event of an exploration contract. No proof of this capability is necessary.

Sincerely yours,

Frank E. Johnson

Frank E. Johnson
Chief, Office of
Minerals Exploration

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
8/27/68	Peterson	120
	(on leave)	120
		110
8/27	CAC	220
		120M

AUG 27 1968

AIRMAIL

Mr. L. J. Peterson
1001 Walker Bank Bldg.
Salt Lake City, Utah 84111

Re: OME-6732 (Silver)
Tecoma Mines
Lucin Mining District
Box Elder County, Utah

Dear Mr. Peterson:

This will acknowledge your letter of August 20 concerning the subject application for financial assistance.

To date, the material relating to bank letters, physical description, smelter returns, and description of the proposed work mentioned in your letter as having been forwarded to this office has not been received. Until this material and the bids for the work to be performed are received we shall continue to hold the processing of your application.

In reference to financial eligibility, all we require is your assurance that the company will have sufficient funds available to pay its share of the estimated costs in the event of an exploration contract. No proof of this capability is necessary.

Sincerely yours,

FRANK E. JOHNSON

Frank E. Johnson
Chief, Office of
Minerals Exploration

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

ECPeterson/bsl 8/27/68

Tecoma Mines
1001 Walker Bank Bldg.
Salt Lake City, Utah 84111

August 20, 1968

OFFICIAL
COPY
O. M. E.
RECEIVED
22 1968
INITIALS | CODE
120
120 M
120 P
Copy to Region

Mr. Frank E. Johnson
Chief Officer
Minerals Expiration
U. S. Dept. of the Interior
Geological Survey
Washington, D. C. 20242

RE: OME-6732 (Silver)
Tecoma Mines
Lucin Mining District
Box Elder County, Utah

Dear Sir:

Your letters dated August 6, 1968 and June 7, 1968 to Tecoma Mines have been referred to me as operator for answering.

With reference to #1 of your letter of June 7, 1968, Financial Eligibility and correspondence with banks, appropriate letters from the bank should be in your possession as I have already forwarded same.

With reference to paragraph (c) regarding how the company proposes to furnish its share of the projected costs, we would like to know if, until such time as the government makes a decision to join with us, the company may be permitted to place a bond up showing its capabilities of paying its one-fourth of the expense rather than to place the cash in deposit, taking it from other sources to match the government's money if made available.

With reference to --

2. Applicant's Rights in Land:

(a) Both the company as owner and the leasee are willing to subrogate their interests to the government in the properties so that the lien will read "to the government."

3. Physical Description:

(f) The physical description of the property etc. have been furnished and are now in your possession.

4. Smeltor returns enclosed showing values now exposed.

5. Exploration Work:

(a) The proposed work should be described fully. Information showing the targets that we wish to test are herewith enclosed in form of a grid

showing depth of drilling proposed to supplement information you already have.

7. Estimate of Costs:

As these will be contract jobs bid on by major drilling companies with supervision by L. J. Peterson or designees insofar as labor is concerned, we shall have to furnish you with bids for the particular drilling at a later date. We have found it difficult to secure acceptable bidders on the drilling. As soon as the commitments by the contractors are received, we shall forward them to you; and we do appreciate your assistance.

Very truly yours,

L. J. Peterson

LJP:mld

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
8/6/68	(on leave)	120
8/6/68	Kirkham	120
		110
8/6	cal	220
		120M

AIRMAIL

AUG 6 1968

Tecoma Mines
1001 Walker Bank Building
Salt Lake City, Utah 84111

Re: OME-6732 (Silver)
Tecoma Mines
Lucin Mining District
Box Elder County, Utah

Gentlemen:

We have not had a reply to our letter of June 7, 1968. Will you please advise us when we may expect to receive the necessary data so that we may continue processing your application. If you have decided not to pursue it further, please so inform us.

We wish to cooperate fully in allowing you ample time to obtain the requested data, however, we cannot indefinitely postpone action on an application.

Sincerely yours,

FRANK E. JOHNSON

Frank E. Johnson
Chief, Office of
Minerals Exploration

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

ECPeterson/bsl 8/6/68

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
6/6/68	Peterson	120
6/6/68	Nishamura	120
		110
6/7	cle	220
		120M

AIRMAIL

JUN 7 1968

Tecoma Mines
1001 Walker Bank Building
Salt Lake City, Utah 84111

Re: OME-6732 (Silver)
Tecoma Mines
Lucin Mining District
Box Elder County, Utah

Gentlemen:

A preliminary review of your application for exploration assistance indicates that additional information is required to continue its processing.

The information needed is listed below under the same headings as listed on the back of the application form (MME Form 40).

1. Financial Eligibility:

(a) Furnish copies of your correspondence to two banks requesting an exploration loan and their letters of reply. Your letters to the banks should state the amount of the loan, purpose, date, and terms requested.

(c) In the event of an exploration contract, state how the company proposes to furnish its share of the project costs. It should be noted that funds are not paid in advance to the Operator under an OME contract. Rather, the Government pays its share of the cost at the end of each month after a voucher for the expenses incurred has been submitted and approved. It usually takes two or three weeks to process such a voucher. An Applicant, therefore, should have sufficient funds readily available to pay for all the costs of the work for the first two or three months.

2. Applicant's Rights in Land:

(a) State your interest in the land and mineral rights, whether owner, lessee, or other. If you are not the owner, submit one true copy of the lease, contract, or other document under which you control the property.

(b) State the legal description (section, township, and range) of the land upon which you wish to explore.

(c) For all land or mineral rights encumbered or not owned, submit five copies of Lien and Subordination Agreements on MMX Form 52. Six copies of these forms are enclosed for your possible use.

3. Physical Description:

(f) Furnish adequate sample and assay data for us to determine whether eligible minerals may occur on your property in quantities sufficient to qualify it for OME assistance. Indications are that the principal metal values found at the Tecoma Mine are lead and zinc, which are not currently on the list of metals eligible for Government assistance. To qualify, eligible metals dollarwise must be the principal values present, or the deposit should show promise of contributing substantial quantities of these metals as major by-products.

5. Exploration Work:

(a) The proposed work should be described fully, indicating the specific geologic targets you wish to test, how you propose to explore them, and give individual locations and footages for each item of work.

6. 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:

Supply detailed estimates of the necessary costs for the proposed work. These costs should be distributed as follows for the work to be performed: (1) supervision and engineering, (2) labor, (3) supplies and materials, and (4) equipment.

If the work is to be contracted, cost estimates should be supported by bids from three independent contractors if possible.

We shall hold the further processing of the application until the requested data are received. Nothing in this letter should be construed as a commitment by the Government to grant an exploration contract.

Sincerely yours,

FRANK E. JOHNSON

Frank E. Johnson
Chief, Office of
Minerals Exploration

Enclosures

cc: Director's Reading File
Economic Geology File
OME Docket
OME Reading File
Region III
ECPeterson/bsl 6/6/68

May 31, 1968

Tecoma Mines
1001 Walker Bank Building
Salt Lake City, Utah 84111

Subject: OME-6732

Gentlemen:

Your application for exploration assistance, dated April 19, 1968, submitted to our office at Denver, Colorado, has been assigned Docket No. OME-6732.

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

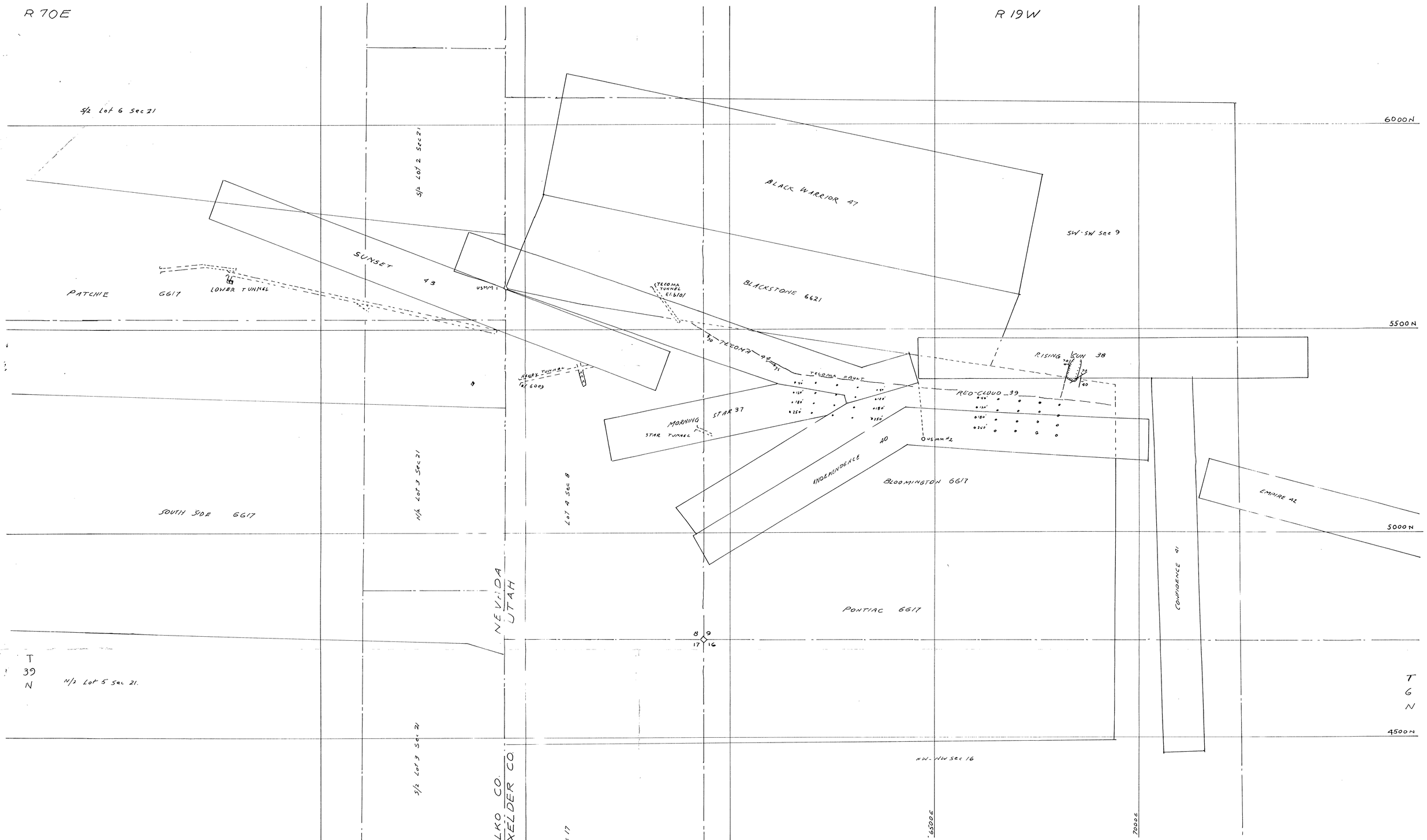
Sincerely yours,

Frank E. Johnson
Chief, Office of Minerals
Exploration

Copy to Region III

U.S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U.S. BUREAU OF MINERAL EXPLORATION
DOCKET 8731



TECOMA CON. MNG. CO.

LUCIN MNG DIST. · BOXELDER CO UTAH & ELKO CO. NEV.

Sections 8·9·16·&17 T6N·R19WSLM Boxelder Co Utah & Section 21·T39N·R70E. M.D.M. Elko Co. Nev.

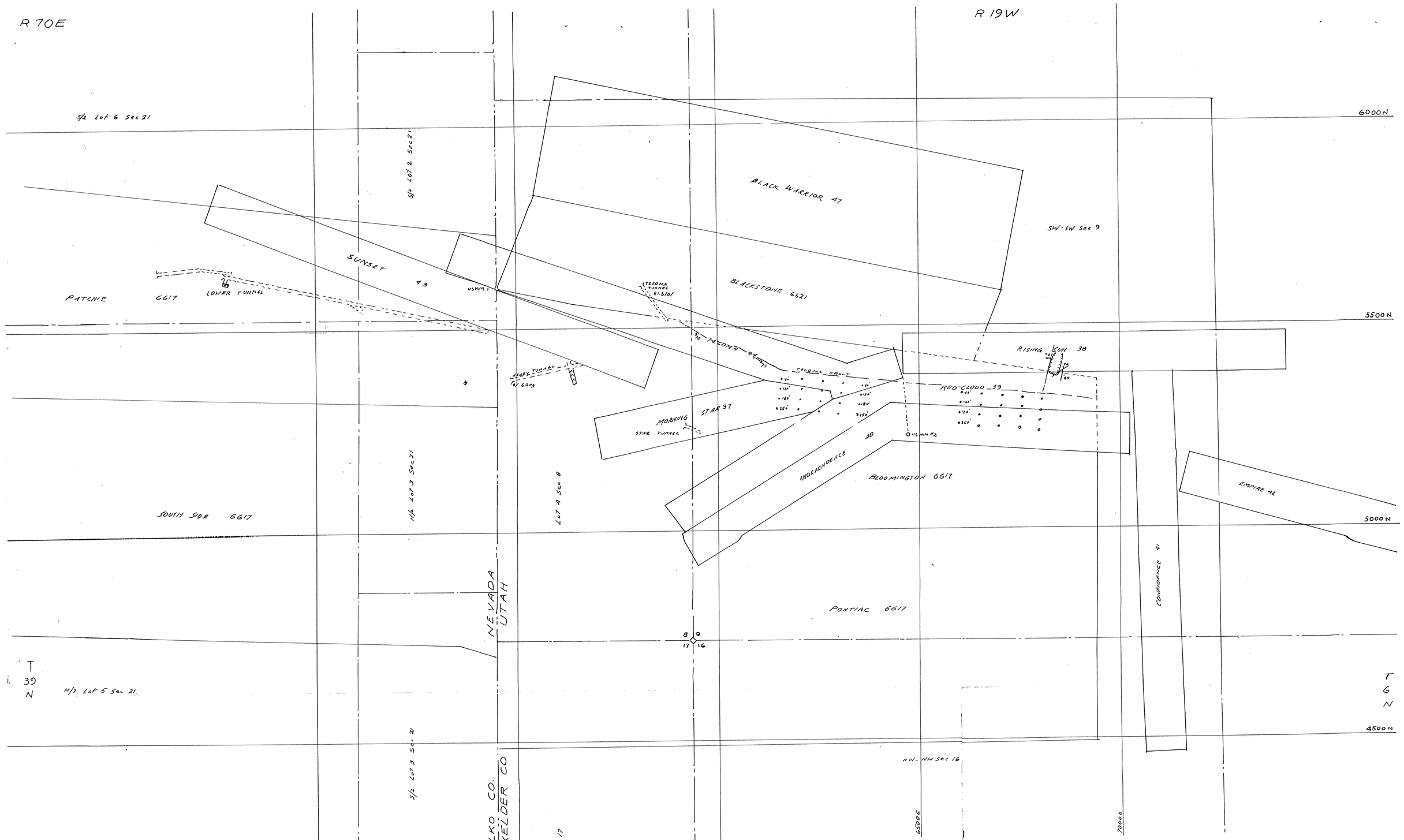
1" = 100'

From mineral survey map by Rob't Gorlinski dated Feb 8, 1920

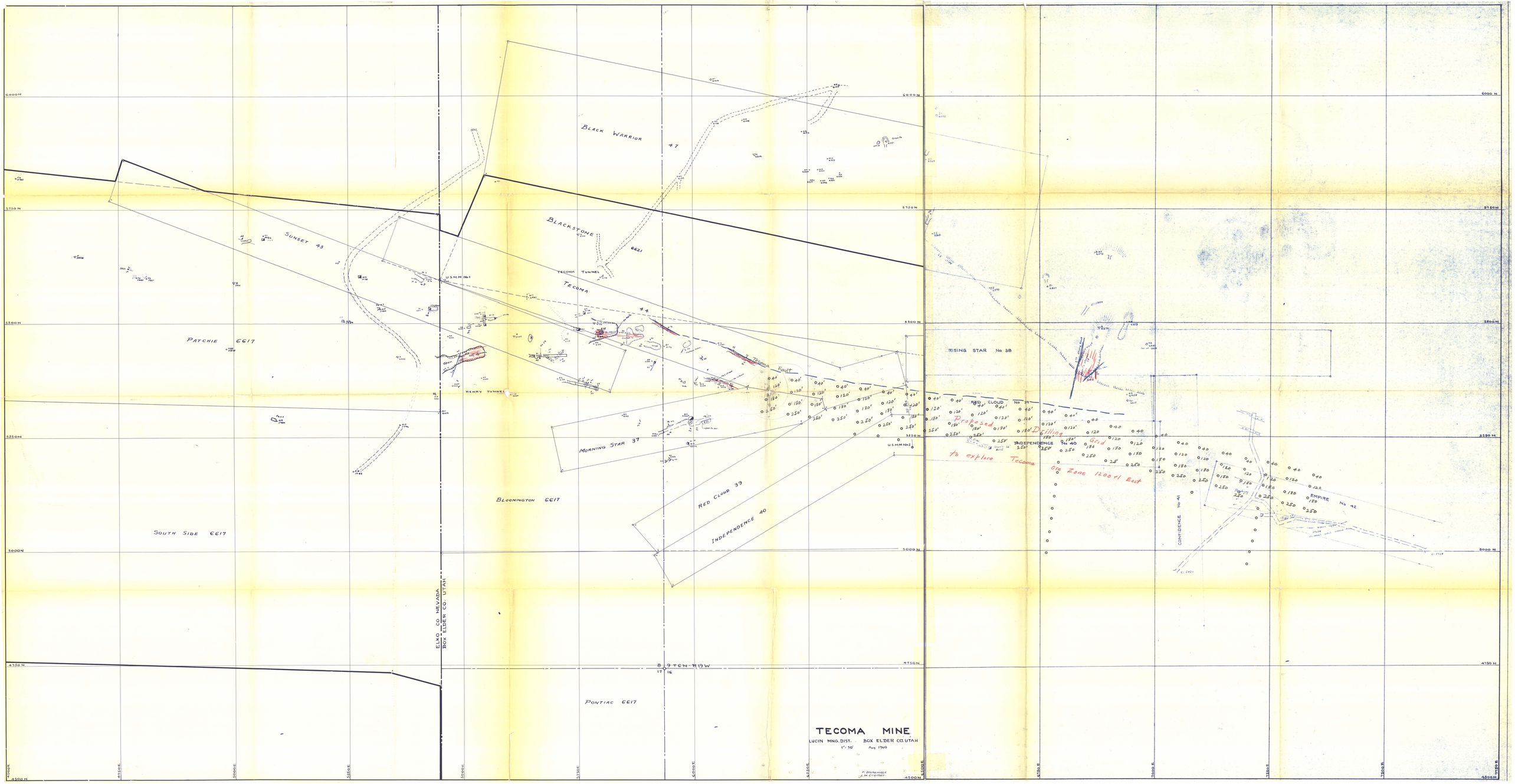
SHOWING PROPOSED DRILLING PROGRAM Aug. 28 1970 – J.W. Hasler, U.S.G.S.

U.S. DEPARTMEN OF THE INTERIOR
GEOLOGICAL SURVEY

OFFICE OF MINERALS EXPLORATION
DOCKET 6732

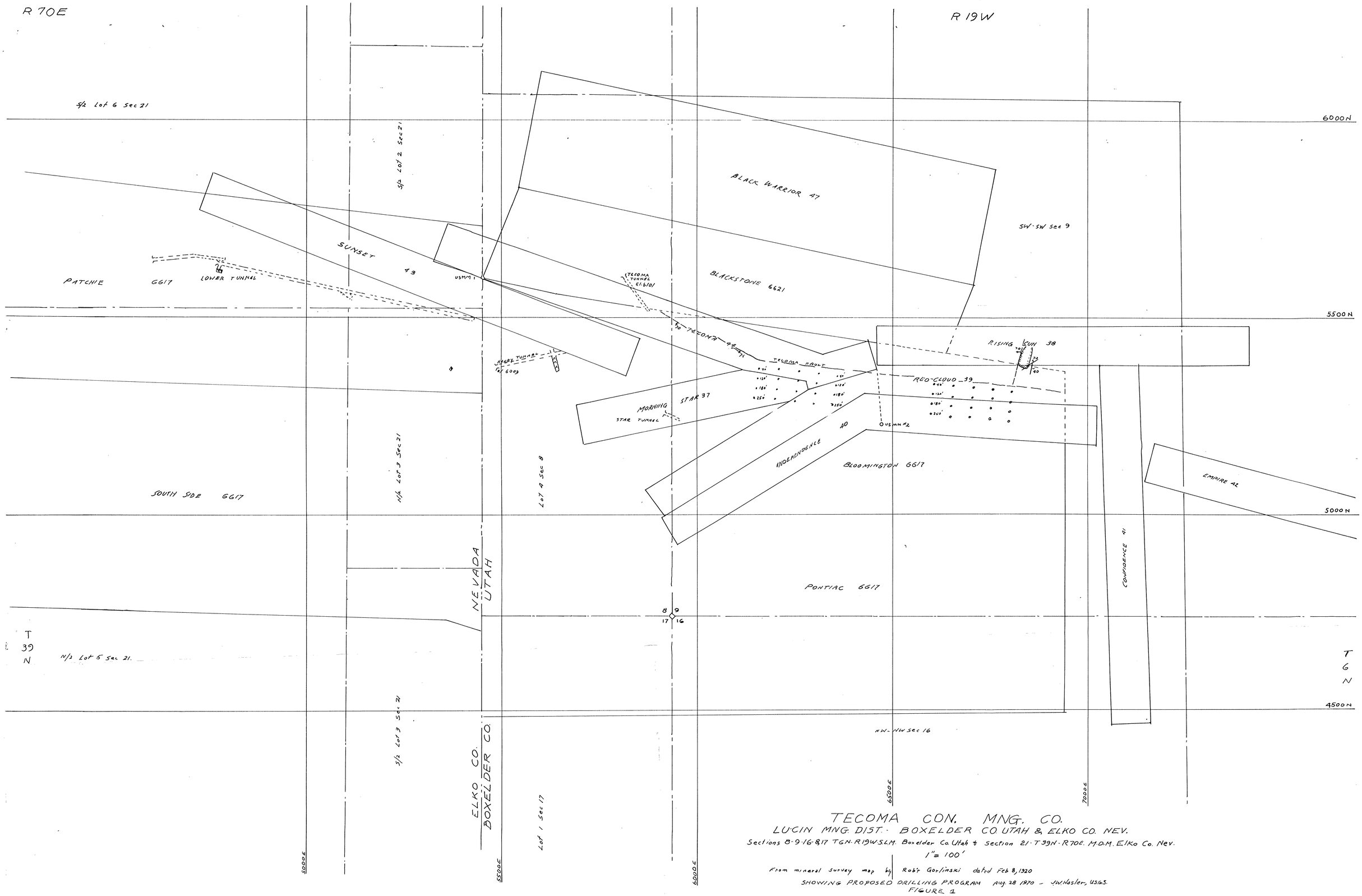


TECOMA CON. MNG. CO.
LUCIN MNG. DIST. - BOXELDER CO. UTAH & ELKO CO. NEV.
Sections 8-9-16-8,17 T6N-R19W SLM. Boxelder Co. Utah & section 21-T39N-R70E. M.D.M. Elko Co. Nev.
1" = 100'
From mineral survey map by Rob't Gorlinski dated Feb 8, 1920
SHOWING PROPOSED DRILLING PROGRAM Aug. 28 1970 - J.W. Hasler, USGS.
FIGURE 1


TECOMA MINE
LUCIN MNG. DIST. BOX ELDER CO. UTAH
1" = 50'
Aug 1960
BLACK WARRIOR 47
BLACKSTONE 6621
TECOMA 44
SUNSET 43
PATCHIE 6617
SOUTH SIDE 6617
BLOOMINGTON 6617
MORNING STAR 37
RED CLOUD 39
INDEPENDENCE 40
PONTIAC 6617
RISING STAR No 38
RED CLOUD No 39
INDEPENDENCE No 40
CONFIDENCE No 41
EMPIRE No 42
TECOMA TUNNEL
HENRY TUNNEL
U.S.M.M. No 1
U.S.M.M. No 2
Tecoma Fault
Proposed Drilling Grid to explore Tecoma Ore Zone 1200 ft East
ELKO CO. NEVADA
BOX ELDER CO. UTAH
8 9 T.6N. R.19W
17 16
6000 N
5750 N
5500 N
5250 N
5000 N
4750 N
4500 N
4250 E
4500 E
4750 E
5000 E
5250 E
5500 E
5750 E
6000 E
6250 E
6500 E
6750 E
7000 E
7250 E
7500 E
7750 E
P. Blakemore
J.M. Cramer

U.S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

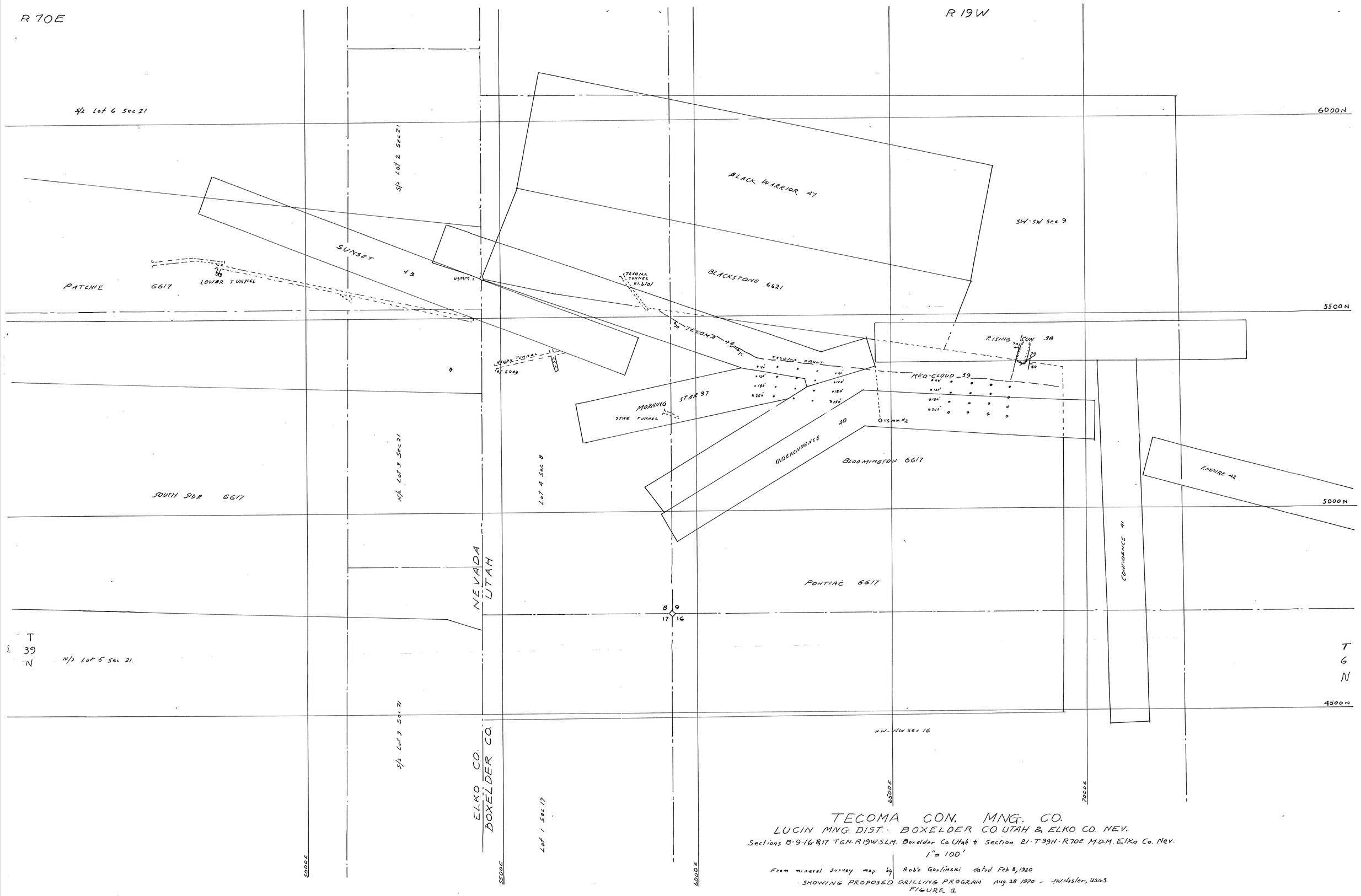
OFFICE OF MINERALS EXPLORATION
DOCKET 0732



TECOMA CON. MNG. CO.
LUCIN MNG. DIST. - BOXELDER CO UTAH & ELKO CO. NEV.
Sections 8-9-16-&17 T6N-R19W SLM. Boxelder Co Utah & Section 21-T39N-R70E. M.D.M. Elko Co. Nev.
1" = 100'
From mineral survey map by Robt Gorlinski dated Feb 8, 1920
SHOWING PROPOSED DRILLING PROGRAM Aug. 28 1970 - J.W. Hasler, USGS.
FIGURE 1

U.S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OFFICE OF MINERALS EXPLORATION
DOCKET 8732

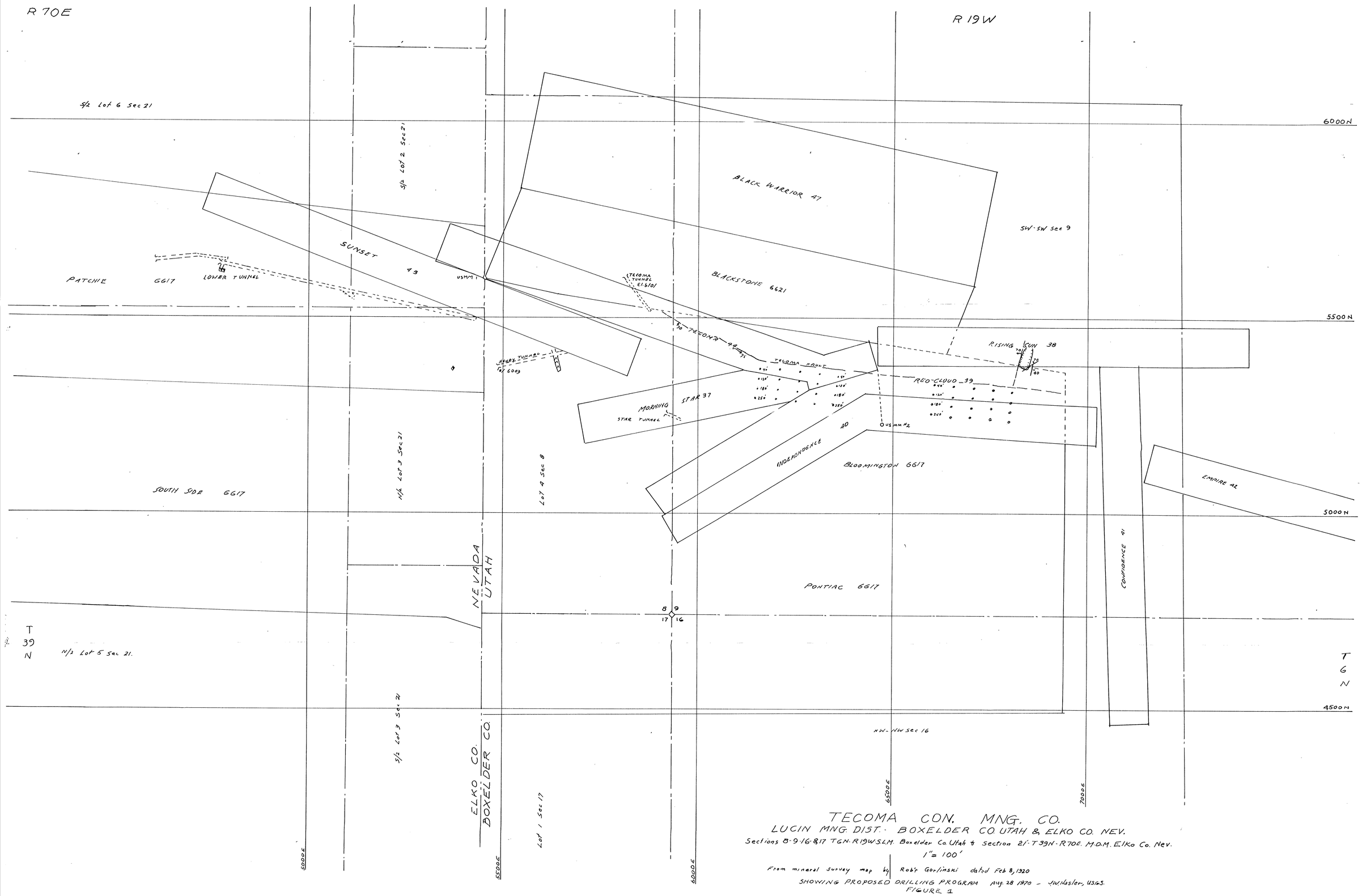


TECOMA CON. MNG. CO.
LUCIN MNG DIST. - BOXELDER CO. UTAH & ELKO CO. NEV.
Sections 8-9-16-&17 T6N-R19W SLM. Boxelder Co. Utah & Section 21-T39N-R70E. M.D.M. Elko Co. Nev.
1" = 100'

From mineral survey map by Rob't Gorlinski dated Feb 8, 1920
SHOWING PROPOSED DRILLING PROGRAM Aug. 28 1970 - J.W. Hasler, U.S.G.S.
FIGURE 1

U.S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OFFICE OF MINERALS EXPLORATION
DOCKET 6732



TECOMA CON. MNG. CO.
LUCIN MNG. DIST. - BOXELDER CO. UTAH & ELKO CO. NEV.
Sections 8-9-16-&17 T6N-R19W.S.L.M. Boxelder Co. Utah & section 21-T39N-R70E. M.D.M. Elko Co. Nev.
1" = 100'

From mineral survey map by Rob't Gorlinski dated Feb 8, 1920
SHOWING PROPOSED DRILLING PROGRAM Aug. 28 1970 - J.W. Hasler, USGS.
FIGURE 1