DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 540

DO NOT DETACH THIS SLIP

Action on this document is recorded and controlled in Reports and Records Branch. Any movement of this document between divisions or offices of DMA or movement outside DMA must be reported to the Reports and Records Branch. Actions taken that affect status of the case must also be reported.

This document has been recorded as

EXPLORATION LOAN

Any action taken to change the type of request for assistance must be promptly reported to the Reports and Records Branch. Use DMA Form 2 for submitting these reports.

Routing Slip

To: MITTENDORF (GALLAGHER) Date 11/28/51

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DO NOT DETACH

CONTROLLED DOCUMENT

INT.-DUP. SEC., WASH., D.C. 98868

File with U.S.G.S. Davis Lynes 12/5/51

(1) Recommend geological and sampling program $5000 and later further exploration based on preliminary results.

(2) Engineer satisfactory to field team.

(3) Letter to applicant 7/2/51 suggesting (1) as above

(4) Field team sent applicant 17F103 to complete and also requested additional information 8/24/51.
Access road application pending

SA
1-23-52

DEPARTMENT OF THE INTERIOR
BUREAUS

DEC 3 1951

Defense Minerals Administration,
Production Expansion Division.

Mining Division
Region IV

November 23, 1951

Memorandum

LEAD

To: DMA Field Team, Region IV

From: Chief, Mining Division, Region IV

Subject: DMA Docket 540, Harry M. Williamson, Fraser Exploration and Development Corporation, Vasquez Mine, Grand County, Colo.

As you know several conferences have been held with Mr. Williamson in order to work out a definite plan of exploration on his prospects near Fraser, Colorado. Attempts were made to have him employ a consultant to go over the area and prepare a report to serve as a basis for establishing a definite proposal. For one reason or another, nothing was ever accomplished. On November 21, 1951, Mr. Williamson again contacted this office and realizing we were getting no place, I offered to assist him in preparing a proposal which I believe might be acceptable to Defense Minerals Administration. This proposal was tentatively as follows:

Exploration to consist of:

(1)	Geological reconnaissance survey, including mapping, some trenching, and sampling of exposure	$10,000.00
(2)	Roads and trails for access to drilling and sampling sites	$12,000.00
(3)	Diamond drilling, 4000 feet @ $7.00 at locations indicated by the survey and approved by DMA	$28,000.00
(4)	Crosscutting and drifting 2500 feet @ $40.00	$100,000.00
Total		$150,000.00

DEFENSE MINERALS
ADMINISTRATION
WASHINGTON, D.C.
NOV 29 4 00 PM '51

Diamond drilling would be dependent upon the results of the reconnaissance and the drifting and crosscutting would be dependent upon the diamond drilling. Mr. Williamson said he could raise the $75,000.00.

Mr. Williamson protested the necessity of the reconnaissance and diamond drilling and wanted funds to drive a long tunnel vertically below the deposits a distance ranging from 1,000 to 2,000 feet, without the preliminary work.

I explained that such a proposal could not be considered technically sound and that it was unlikely that Defense Minerals Administration would consider it. Mr. Williamson telephoned November 23, 1951, thanking us for our courtesy and assistance and stated he was going ahead with the tunnel on own. He agreed that we should drop further consideration of his application.

I predict we will probably hear from him again in the spring.

Paul Allman

P. T. Allman

PTA:ld

cc: DMA docket, chron.
Traver
Mittendorf
Leuchmann

OFFICE OF THE ADMINISTRATOR

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

224 New Customhouse
Denver 2, Colorado

November 20, 1951

Memorandum

LEAD-ZINC

To: Tom Lyon, Chairman, Coordinating Committee
Defense Minerals Administration

From: Executive Officer, DMA Field Team, Region IV

Subject: DMA Docket 540, Frazer Exploration and Development Company
Mt. Vasquez, Grant County, Colorado

Mr. Harry Williamson, President of the above company, called with reference to his application. We have discussed a possible program with him and will assist him in making an application for an exploration project loan.

We would appreciate your sending us his original application in order to make a revised application.

J. H. East, Jr.

32658

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C.
Nov 23 2 38 PM '51

DEPARTMENT OF THE INTERIOR
RECEIVED
NOV 27 1951
Defense Minerals Administration,
Production Expansion Division.

FILE COPY
SURNAME:

Billings
McKnight
Oil & Gas
(For Note)

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

July 27, 1951

DMA-540

Mr. Harry H. Williamson
Fraser Exploration & Development Corporation
U. S. National Bank Building
Denver Colorado

Dear Mr. Williamson:

This will acknowledge receipt of your letter of July 23 to Mr. Otto Herres. Your letter has been referred to me for reply since Mr. Herres is no longer connected with Defense Minerals Administration.

I note that you have retained an engineer to aid you in preparing the Form MF 103 for our review and assure you upon its receipt we will do everything possible to expedite its processing.

Yours very truly,

T. P. Billings, Chief
Lead-Zinc Branch

TPBILLINGS:ks

cc: Reports & Records
Note
McKnight
Billings
Files

Billings

HARRY M. WILLIAMSON
UNITED STATES NATIONAL BANK BLDG.
DENVER, COLORADO

MEMBER
AMERICAN INSTITUTE
MINING AND METALLURGICAL
ENGINEERS

July 23, 1951

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 24 1951
LANDON F. STROBEL
Executive Secretary

Re: DMA - 540

Mr. Otto Herres, Chief
Lead - Zinc Branch
Defense Minerals Administration
Washington 25, D. C.

Dear Mr. Herres:

In reply to your letter of July 3rd with reference to a loan to explore the Vasquez deposit in Grand County, Colorado. This matter was taken up with Mr. J. H. East, Jr., and upon my suggestion he approved Mr. T. C. DeSollar as an examining engineer for the preliminary report.

Mr. DeSollar has been retained and is now preparing the form MF-103 for your review.

We hope to have this in your hands at the earliest possible date.

Sincerely,
Fraser Exploration & Development Corp.
Harry M. Williamson
Harry M. Williamson

Copy to Mr. J. H. East. Jr.
224 New Customs House
HMW/o

JUL 24 1951

FILE COPY
SURNAME:

Brokaw
Herres
Mote

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

July 3, 1951

Re: DMA-540

Mr. Harry M. Williamson
Fraser Exploration and Development Corporation
728 U. S. National Bank Building
Denver 2, Colorado

Dear Mr. Williamson:

Your application for a loan to explore the Vasquez deposit in Grand County, Colorado, has been reviewed by the Lead-Zinc Branch of the Defense Minerals Administration.

Examination of your application indicates that additional supporting data will be required before further action can be taken. We suggest that you submit an application for an exploration loan, on a participating basis, to have a thorough geologic and engineering examination made of your property by consultants approved by the Defense Minerals Administration's regional field office in Denver. This report, if favorable, can then be used as substantiating data for your original application. Enclosed are 5 copies of Form MF-103, four of which should be completed and returned to us.

If you desire any further information, please see Mr. J. H. East, Jr., Executive Officer of the Field Team 224 New Customhouse, Denver 2, Colorado.

Very truly yours,

Otto Herres, Chief
Lead-Zinc Branch

EJLyons:emp G 7/3/51

Enclosures 5

Copies to: J. H. East, Jr. Region IV (3)
Chief, Lead-Zinc Br.
E. T. McKnight 4204 GSA
R. H. Mote
L. F. Strobel
Directors r. file 4214 GSA
Br. r. file 4214 GSA
Files

FILE COPY
SURNAME:

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

June 13, 1951

Mr. J. H. East, Jr.
Executive Officer
DMA Field Team, Region III
224 New Customhouse Building
Denver, Colorado

re: Access road application AR-38
Grand County, Colorado
Lead-Zinc
(DMA-540) Fraser Exploration & Development Corp.

Dear Mr. East:

Attached herewith are two copies of AR-38, application for an access road from the Fraser Exploration and Development Corporation. Please consider this application along with DMA-540 from the same company, sent to you on May 21.

The feasibility, necessity and justification are needed.

Tom Lyon
Chairman
Coordinating Committee

Russell B. Moon
For Bureau of Mines

Olaf N. Rove
For Geological Survey

cc: Files
Admin. Reading File
Field Team
Coord. Com.
Storbel
Mr. Montag
Mr. Walker

A. E. C.

July 3, 1951

Re: [illegible]

Mr. Harry [illegible] Williamson
Fraser Exploration and Development Corporation
7[illegible] U. S. National Bank Building
Denver 2, Colorado

Dear Mr. Williamson:

Your application for a lease to explore the Orequex deposit in Grand County, Colorado, has been reviewed by the Lead-Zinc Branch of the Defense Minerals Administration.

Examination of your application indicates that additional supporting data will be required before further action can be taken. We suggest that you submit an application for an exploration lease, on a participating basis, to have a thorough geologic and engineering examination made of your property by a qualified approved by the Defense Minerals Administration's regional field office in Denver. This report, if favorable, can then be used as substantiating data for your original application. Enclosed are 5 copies of Form DM-103, four of which should be completed and returned to us.

If you desire any further information, please see Mr. J. H. East, Jr., Executive Officer of the field team 224 New Customhouse, Denver 2, Colorado.

Very truly yours,

Otto Herres, Chief
Lead-Zinc Branch

Enclosures 5

EJLyons:emp 8 7/3/51
Copies to: J. H. East, Jr. Region IV (2)
Chief, Lead-Zinc Br.
E. T. McKnight 4214 GSA
H. H. Mote
L. F. Strobel
Directors r. file 4214 GSA
Br. r. file 4214 GSA
Files

4626

a.e.e.

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

June 13, 1951

Mr. [illegible], Jr.
Executive Officer
Field Team, Region III
224 New Customhouse Building
Denver, Colorado

Re: Access road application AN-38
Grand County, Colorado
Lead-Zinc
(DMA-540) Fraser Exploration & Development Corp.

Dear Mr. [illegible]:

Attached herewith are two copies of AN-38, application for an access road from the Fraser Exploration and Development Corporation. Please consider this application along with DMA-540 from the same company, sent to you on May 21.

The feasibility, necessity and justification are needed.

Tom Lyon
Chairman
Coordinating Committee

Lowell B. Moon
For Bureau of Mines

Olaf N. Rove
For Geological Survey

Files
cc: Admin. Reading File
Field Team
Coord. Com.
~~Strobel~~
Mr. Montag
Mr. Walker

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

OFFICE OF
REGIONAL DIRECTOR

REGION IV

224 NEW CUSTOMHOUSE
DENVER 2, COLORADO

May 29, 1951

Memorandum

To: Tom Lyon, Chairman, Coordinating Committee

From: DMA Field Team, Region IV

Subject: DMA 540, Frazer Exploration & Development Company

In your letter of May 11 regarding the Frazer Exploration and Development Company, DMA Docket 540, you requested that we secure information regarding the Vasquez mine in Grand County, Colorado, owned by the Frazer Exploration & Development Company.

We are attaching statements regarding this property prepared by Ogden Tweto, U. S. Geological Survey, W. M. Traver, Jr., Chief, Colorado Branch, Bureau of Mines, Region IV, and A. T. Sweet, Metallurgist-in-Charge, Colorado Field Office, Region IV, Bureau of Mines. These three men have made very cursory examinations of the property in previous years and not for the Defense Minerals Administration. It is not possible to visit the property at this time because of the snow and will not be possible until late June or early July.

These statements are submitted to you as the only additional information available regarding this property. We also include the Landlord's Subordination Agreement, MF-202, signed by the President of the Mt. Vasquez Mines Company, owner of the property. Also enclosed is form MF-105, application for access road.

H. M. Williamson is a well known mining man in Colorado. Mr. Williamson has a great deal of faith in this property and is willing to provide funds for 50 percent of the cost of the exploration. It is the recommendation of the Field Team that this exploration application be acted upon favorably.

J. H. East, Jr.

Attachments
Original brochure

JUN 7 1951

A. H. Koschmann

2

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
200 New Customhouse
Denver 2, Colo.

May 28, 1951

The Vasquez Zinc-lead deposit, Grand County, Colo.

Statement by Ogden Tweto, U.S.G.S.

I visited the Vasquez deposit, or Milliken mine as it is often known, in September 1940. No work was being done at that time, and no one was on the property. The deposit is at an altitude of about 12,000 feet and is difficult of access. In 1940, it was reached by driving up Saint Louis Creek from Fraser, about 9 miles - the last 3 miles over a terrible road - and then walking on up Saint Louis Creek about 2 miles farther to a creek that comes down from Saint Louis Lake to the west, and then going up this creek, climbing 2,000 feet in a mile.

I visited the northern workings on the deposit (known as the "North Deposit") on the ridge north of the cabin shown near Saint Louis Lake on the Fraser quadrangle map. I later learned that there were other diggings about 3/4 mile farther south, near the lake. The chief workings at the north deposit at that time were a 20-foot tunnel at elevation 11,800 feet, just north of the top of the ridge, and a trench, or cut into the cliff, northwest of the tunnel. The rock of the area is an altered pre-Cambrian calc-silicate gneiss that contains disseminated sulfides (pyrite, black sphalerite, galena, and chalcopyrite). All the rock has been intensely fractured and sheared. The tunnel goes in on a streak that is richer than the adjoining rock. The streak is 4 or 5 feet wide and is a rusty gossan at the portal but is fresh and hard at the breast of the tunnel. This is essentially a replacement deposit; the sulfide concentrations are in the lime-rich bands of the gneiss and not in veins. The entire mineralized area, however, is in a broad shear zone (300 to 400 yards wide) that shows up as a rusty streak where it crosses other ridges to the north. On Iron Creek, 2 miles north of the Milliken mine, a strand of the shear zone contains molybdenite and chalcopyrite, and 5 miles farther north, a possible continuation of the zone in a fault block contains massive pyrrhotite. From the north deposit, the shear zone continues southward beyond Saint Louis Lake.

The trench or cut at the north deposit exposes at least a 15-foot width of soft, light, limonitic gossan which is irregularly stained by copper. Similar material occurs in several other streaks or patches near the diggings.

I took no samples of the ore but retain an impression that the better streaks are not likely to run more than 5 percent combined lead and zinc. There is also a little copper, and the ore might contain silver and gold. The quantity of low-grade ore available is large. I made no attempt at an estimate, nor to trace out the mineralized streaks, which are contorted by folding as well as being sheared and fractured, but the shear zone is wide and long, and if even only a small fraction of it is mineralized heavily enough to constitute low-grade ore, the tonnage should be great.

STANDARD FORM NO. 64

Office Memorandum • UNITED STATES GOVERNMENT

Building 2-A, Denver Federal Center

TO : W. M. Traver, Jr. DATE: May 25, 1951

FROM : A. T. Sweet

SUBJECT: Trips to Mt. Vasquez Property, Grand County.

During the last two seasons I have made several private expeditions into the unsurveyed portion of Grand County near Byers Peak and south to the Mt. Vasquez mining property. These old workings are at elevations of about 11,500 and 12,000 feet, and the exposures and openings visited are representative of but little actual mining. Most of the diggings are on the contour of the Millikan cabin just above 11,000 feet and no sample taken shows appreciable mineralization.

At about 12,000 feet there is a cut made into the side of the hill in a mineralized fissure and a sample of this was taken over a distance of about 5 feet. This does not represent the width of the entire mineralized formation as it was not wholly exposed. The sample was crushed and concentrated on a laboratory table and the lead streak indicated about 25 to 30 pounds of lead per ton, slightly over 1 percent lead. The zinc was about 4 percent and copper in the concentrates calculated back to 0.25 percent. Gold and silver showed in chemical tests but were not assayed.

One sample of similar ore was in Mr. Williamson's possession and the commercial assays reported a total of over $50.00 metal value, chiefly lead, zinc, and silver. This assay is in Mr. Williamson's possession. Robert Illedge, metallurgist of Eagle Pitcher, checked this sample and found the assay substantially correct.

The vein seems to cut the so-called formation, mapped by Parks on a map in the possession of Mr. Williamson, and is about 100 yards northwest of the corner stake of the claim. This stake is not marked in any way but can be seen on the crest of the mountain near the trail north from the cabin as the trail approaches the summit.

I crossed the property to St. Louis Lake where a large monument has been placed and a sample was taken on the Mac Alexander claim, northwest corner, which contained pyrite but no lead or zinc. We did not locate the vein in workings at the face of this bluff as the talus covered the exposure.

The snow lays on this claim until quite late in the season and a complete inspection was impossible last July (1950) due to the presence of large bodies of hard snow.

The only easily accessible exposure is as above described, on the northwest slope of the hill just ~~north~~ of the cabin.

A. T. Sweet

A. T. Sweet, Metallurgist-in-Charge
Colorado Field Office,
Metallurgical Division

STANDARD FORM NO. 64

Office Memorandum • UNITED STATES GOVERNMENT

Building 2-A, Denver Federal Center

TO : J. H. East, Jr. DATE: May 25, 1951

FROM : W. M. Traver, Jr.

SUBJECT: Mt. Vasquez Mine, DMA 540.

I visited the Mt. Vasquez property on June 30, 1948, and again on July 26, 1948, in connection with routine mine examination work for the Colorado Field Office. The mining claims are located at elevations ranging from 10,000 feet to 11,500 feet in unsectionalized T. 2 S., R. 77 W., 6th P. M., Grand County, Colorado. A short Summary Report and memorandum were submitted under date of July 6, 1948, after the first visit.

The mine area is on the Colorado Front Range. Country rock is typical pre-Cambrian "Idaho Springs" formation. Several lime beds have been highly metamorphosed and where this has occurred, contact metamorphic minerals--epidote, marble, and hornblende--with small, scattered indications of scheelite and other lime silicate minerals have been identified.

Only formations and vein outcrops on the south slope of the ridge south of Gordon Creek were examined as the guide assigned by the lessee was not familiar with mineral showings reported on the north side of the ridge.

One crosscut adit cut an almost vertical vein striking N. 46° E. 49 feet from the portal and the vein was drifted on for about 36 feet. The vein in this drift showed weak galena and pyrite mineralization throughout the 36 feet of development. Only character samples were taken at two different locations, and they were not analyzed.

W. M. Traver, Jr.

W. M. Traver, Jr.

FILE COPY
SURNAME:

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

AlBrokaw
McKnight
HEBrock Mote

File Sent To

May 11, 1951

Re: Docket DMA-540
Fraser Exploration &
Development Co.
728 National Bank Bldg.
Denver 2, Colorado

Mr. J. H. East, Jr.
Bureau of Mines
224 New Customhouse
Denver 2, Colorado

Dear Mr. East:

The subject docket has been reviewed by the Lead-Zinc Branch. The applicant requests a loan of $75,000 to explore its property known as the Vasquez mine, in Grand County, Colorado.

The information submitted by the applicant is not in sufficient detail to properly evaluate the proposal. Since there is no information in our Washington files to supplement the applicant's documents, the Lead-Zinc Branch recommends that the application be referred to the field for consideration.

The company maintains offices in Denver, therefore, it is possible that enough information on this proposal can be secured from the applicant to enable the field team to reach a decision without the necessity of a field examination.

This proposition sounds like a promotion deal.

Very truly yours,

Tom Lyon

Tom Lyon, Chairman
Coordinating Committee

Approved:
DMA Coordinating Committee

Member, Bureau of Mines

Member, Geological Survey

AlBrokaw:emp 5/11/51
Copies to: Chief, Lead-Zinc Br.
E. T. McKnight 4204 GSA
L. B. Moon
R. H. Mote
L. F. Strobel
T. Lyon
Directors reading file 4214 GSA
Br. reading file 4214 GSA
Files

DMA 540

FILE COPY
SURNAME:

ALBrokaw
McKnight
Herzel
Thayer
Moon

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

May 11, 1951

Re: Docket DMA-540

Frazer Exploration and Development Company
728 U. S. National Bank Building
Denver 2, Colorado

Gentlemen:

Your application (Docket DMA-540) for a Government loan under the provisions of the Defense Production Act of 1950 has been reviewed by the Lead-Zinc Branch of the Defense Minerals Administration. Before final decision can be taken on your request it will be necessary to obtain additional information on your property. Your application, therefore, has been referred to the Executive Officer, J. H. East, Jr., 224 New Customhouse, Denver, with the request that the needed information be supplied to us.

Very truly yours,

Tom Lyon
pp.

Tom Lyon, Director
Supply Division

ALBrokaw:emp G 5/11/51
Copies to: J. H. East, Jr.
Region IV (2)
Chief, Lead-Zinc Br.
E. T. McKnight 4204 GSA
L. B. Moon
R. H. Mote
L. F. Strobel
T. Lyon
Directors reading file 4214 GSA
Br. reading file 4214 GSA
Files

FILE COPY
SURNAME:

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

May 10, 1951

Mr. Harry M. Williamson
Fraser Exploration and
Development Corporation
728 U. S. National Bank Bldg.
Denver 2, Colorado

Subject: DMA-540 X
Re: Exploration Loan
Mt. Vasquez Mine

Dear Mr. Williamson:

Receipt is acknowledged of your application and attachments of April 30, 1951 from the FRASER EXPLORATION AND DEVELOPMENT CORPORATION for a Government loan under the Defense Production Act of 1950.

The application was assigned Docket Number 540 X and referred to Mr. Otto Herres, Chief, Lead-Zinc Branch, on May 10, 1951.

In any future correspondence relating to your application, kindly refer to DMA-540 X.

Sincerely yours,

LANDON F. STROBEL a.e.c.

Landon F. Strobel
Executive Secretary

LFSTROBEL:aec
cc: Strobel-2
Files
Mr. Herres
Mr. Lyon

Dmr 540

856

FILE COPY
SURNAME:

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

APR 12 1951

In reply please refer to DMA-540

Lyon
McKnight
Herres
Moon

Fraser Exploration & Development Corp.
Mr. Harry M. Williamson
728 U. S. National Bank Building
Denver 2, Colorado

Dear Mr. Williamson:

One of the purposes of the Defense Production Act of 1950 is the encouragement of exploration, development and mining of strategic minerals and metals. Where an applicant has proven reserves of strategic materials, Federal aid in mining can be given through procurement contracts for such materials as are in short supply. On the strength of these contracts, the applicant can obtain private financing in most instances.

The program recently approved for encouragement of exploration of strategic materials calls for participation on the part of the applicant. For zinc, lead and copper deposits it will be necessary to match Government funds on an equal basis. Funds advanced by the Government will be considered a loan, to be repaid if the exploration is profitable, but to be canceled if unsuccessful. The details of the plan, explaining the projects that will be eligible for assistance, the terms and schedules of financing, repayment, and other pertinent information, are enclosed.

A review of your application (DMA-540) for financial aid in an exploration program at the Mt. Vasquez mine indicates that your proposal may be considered under this exploration program. Details concerning expenditures that will be considered chargeable to exploration aid will be subject to a final determination by negotiation, but as a preliminary appraisal we believe that the program will apply to the total amount of your application, $75,000.00.

Before we can proceed further with consideration of your application, which may or may not require a field examination, please indicate your willingness to provide your share of the funds needed to carry out the proposed exploration. Any modification of your original proposal that you may wish to make will be considered, but you should be specific concerning the work you wish to undertake.

Very truly yours,

Otto Herres

OTTO HERRES, Chief
Lead-Zinc Branch

EJLyons:emp G 3/21/51
Copies to: 2 copies to J. H. East
Exec. Officer, Region IV
Chief, Lead-Zinc Br.
McKnight 4204 GSA
L. B. Moon

Enclosures
R. H. Mote
L. F. Strobel
C. O. Mittendorf
Files

Fraser 540

B

LANDON E. STROBEL

January 30, 1951

The Defence Minerals Administration
Dr. James Boyd, Director
United States Bureau of Mines
New Interior Building
Washington 25, D. C.

Dear Dr. Boyd:

I am herewith submitting a request for Government Aid to explore a known mineral deposit, located in Grand County, Colorado.

The Fraser Exploration and Development Corporation has been incorporated to expedite its operation. It has had preliminary examination, and ores checked at the Joplin Tri-State Experimental Labratory. The property has been visited by local officials of the U. S. Bureau of Mines.

The preliminary exploration will require about $75,000.00, which together with subsequent drilling of a minimum of twenty five hundred feet, should expose the largest undeveloped mineral area now left in Colorado.

The Prospectus or Information Statement of the Fraser Company accompanies this application.

Thank you for your attention.

Very truly yours,

Harry M. Williamson

Harry M. Williamson

HMW:bj

Form MF-100
(March 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA FOR USE UNDER THE DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. Dma-540X

Date received 5/7/51

FRASER EXPLORATION AND DEVELOPMENT CORPORATION

728 U. S. National Bank Bldg.
Denver 2, Colorado

Name and address of applicant

Date ~~April 30, 1951~~

DMA-540

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) Necessity Certificate pursuant to the provisions of Sec. 124-A (Amortization Deduction) of Internal Revenue Code, 1950, (5) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (6) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products? See Page 3 & 7 our Prospectus 1-30-1951
   (*b*) What are the byproducts, if any? See Prospectus Page 12
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts. Outlined in Prospectus Report
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point. 14 miles from Fraser, Colorado
   (*b*) Mining district. Byers Peak Mining District
   (*c*) Township, Section, Range.
   (*d*) County, State. Grand County Colorado
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - ☐ Owner.
   - ☐ Lessee.
   - ☒ Contractor.
5. Number of years in production None

   If not in production or operation, estimated date when production will begin ~~June, July or August~~ 1951
6. Experience of operators: Covered in Prospectus Report

   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History: See Pages 4 & 6 of Prospectus Report
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*b*) State briefly the known history and production of adjoining and neighboring properties.
   (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders of Applicant if a corporation [illegible]

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation: Common (e)	Number of Shares Held in Applicant Corporation: Preferred (f)	Life Insurance Carried for Benefit of Applicant: Amount (g)	Life Insurance Carried for Benefit of Applicant: Net Cash Surrender Value After Loans (h)
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	$	$	$		
Preferred stock	$	$	$		

*Indicate period covered.

10. Production:

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)					
2. Quantity of product processed (specify unit of measure and type of process)					
3. Quantity and grade of product sold or shipped (specify units of measure)					

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change.

12. Ore or Mineral Reserves:

(a) Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology and ore reserves.

The FRASER EXPLORATION AND DEVELOPMENT CORPORATION was incorporated under the laws of Colorado. Capitalization, $1,000,000.00; shares $1.00 each. Purpose, to explore, develop and operate the property of the Vasques Mining Company, a Colorado Corporation. Harry M. Williamson of Denver, Colorado, secured a forty year lease on this property, which called for a royalty of ten percent of the net amount received by the lessee from the sale of ores after deduction of all transportation and final treatment costs. This lease was assigned by the lessee to the Fraser Corporation in exchange for all of the Capital Stock of the Corporation. A control of the stock is held by Harry M. Williamson, President of the company. The first annual report of the company was filed with the Secretary of State, a copy of which accompanied our original application.

400,000 shares were placed in the Treasury. The officers are:

Harry M. Williamson, President - 107 Pearl St. Denver, Colo.
Harry B. Williamson, Vice President - 751 Grant Pl. Boulder, Colorado
Bertha W. Jarrett, Secretary-Treasurer - 107 Pearl St. Denver, Colorado

(*b*) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)					
Indicated (probable)					

(*c*) If placer:

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads: See Prospectus, Page 7
Give road distances to shipping, supply and residence points, stating kind and condition of roads.

14. Water Supply: See Page 6
State source and quantity of water available for operations and whether sufficient for all seasons of year.

15. Power: See Page 1
State amount of power used, rate per hour, and source thereof.

16. Labor: No payroll to date
State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

17. Equipment and Facilities: No Equipment

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation.

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

FRASER EXPLORATION & DEVELOPMENT CORP.
(Name of company)

By Harry M. Williamson
(Signature of authorized official)

President
(Title)

April 30, 1951
(Date)

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

U. S. GOVERNMENT PRINTING OFFICE 16—63792-1

Form MF-100
(March 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA
FOR USE UNDER THE
DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. DMA-540 X

Date received 5/7/51

FRASER EXPLORATION AND DEVELOPMENT
CORPORATION

728 U. S. National Bank Bldg.
Denver 2, Colorado

Name and address of applicant

Date April 30, 1951

DMA-540

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) Necessity Certificate pursuant to the provisions of Sec. 124-A (Amortization Deduction) of Internal Revenue Code, 1950, (5) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (6) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products? See Page 3 & 7 our Prospectus 1-30-1951
   (*b*) What are the byproducts, if any? See Prospectus Page 12
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts. Outlined in Prospectus Report
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point. 1½ miles from Fraser, Colorado
   (*b*) Mining district. Byers Peak Mining District
   (*c*) Township, Section, Range.
   (*d*) County, State. Grand County Colorado
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - ☐ Owner.
   - ☒ Lessee.
   - ☐ Contractor.
5. Number of years in production None

   If not in production or operation, estimated date when production will begin June, July or August 1951
6. Experience of operators: Covered in Prospectus Report

   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History: See Pages 4 & 6 of Prospectus Report
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
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   (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

DMA 540 X (Page 1)

16—63792-1

8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation.

	Total of Annual		Number of Shares	Life Insurance

The FRASER EXPLORATION AND DEVELOPMENT CORPORATION was incorporated under the laws of Colorado. Capitalization, $1,000,000.00; shares $1.00 each. Purpose, to explore, develop and operate the property of the Vasquez Mining Company, a Colorado Corporation. Harry M. Williamson of Denver, Colorado, secured a forty year lease on this property, which called for a royalty of ten percent of the net amount received by the lessee from the sale of ores after deduction of all transportation and final treatment costs. This lease was assigned by the lessee to the Fraser Corporation in exchange for all of the Capital Stock of the Corporation. A control of the stock is held by Harry M. Williamson, President of the company. The first annual report of the company was filed with the Secretary of State, a copy of which accompanied our original application.

400,000 shares were placed in the Treasury. The officers are:

Harry M. Williamson, President - 107 Pearl St. Denver, Colo.
Harry B. Williamson, Vice President - 751 Grant Pl. Boulder, Colorado
Bertha V. Jarrett, Secretary-Treasurer - 107 Pearl St. Denver, Colorado

(*b*) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)					
Indicated (probable)					

(*c*) If placer:

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads: See Prospectus, Page 7

Give road distances to shipping, supply and residence points, stating kind and condition of roads.

14. Water Supply: See Page 6

State source and quantity of water available for operations and whether sufficient for all seasons of year.

15. Power: See Page 1

State amount of power used, rate per hour, and source thereof.

16. Labor: No payroll to date

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

17. Equipment and Facilities: No Equipment

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation.

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

FRASER EXPLORATION & DEVELOPMENT CORP.
(Name of company)

By Harry M Williamson
(Signature of authorized official)

April 30, 1951
(Date)

President
(Title)

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

U. S. GOVERNMENT PRINTING OFFICE 16—63792-1

Form MF-100
(March 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA FOR USE UNDER THE DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. dma-540X

Date received 5/7/51

FRASER EXPLORATION AND DEVELOPMENT CORPORATION

728 U. S. National Bank Bldg.
Denver 2, Colorado

Name and address of applicant

Date ~~April 30, 1951~~

DMA-540

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) Necessity Certificate pursuant to the provisions of Sec. 124-A (Amortization Deduction) of Internal Revenue Code, 1950, (5) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (6) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products? See Page 3 & 7 our Prospectus 1-30-1951
   (*b*) What are the byproducts, if any? See Prospectus Page 12
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (*a*) Linear feet of shafts.
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   (*c*) Linear feet of tunnels or adits. Outlined in Prospectus Report
   (*d*) Linear feet of other mine openings (explain briefly).

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point. 14 miles from Fraser, Colorado
   (*b*) Mining district. Byers Peak Mining District
   (*c*) Township, Section, Range.
   (*d*) County, State. Grand County Colorado
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - ☐ Owner.
   - ☐ Lessee.
   - ☒ Contractor.
5. Number of years in production ~~None~~

   If not in production or operation, estimated date when production will begin ~~June, July or August~~ 1951
6. Experience of operators: Covered in Prospectus Report

   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History: See Pages 4 & 6 of Prospectus Report
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
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Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation		Life Insurance Carried for Benefit of Applicant	
				Common (e)	Preferred (f)	Amount (g)	Net Cash Surrender Value After Loans (h)
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	$	$	$		
Preferred stock	$	$	$		

*Indicate period covered.

10. Production:

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)					
2. Quantity of product processed (specify unit of measure and type of process)					
3. Quantity and grade of product sold or shipped (specify units of measure)					

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change.

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(a) Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology and ore reserves.

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400,000 shares were placed in the Treasury. The officers are:

Harry M. Williamson, President - 107 Pearl St. Denver, Colo.
Harry S. Williamson, Vice President - 751 Grant Pl. Boulder, Colorado
Bertha M. Jarrett, Secretary-Treasurer - 107 Pearl St. Denver, Colorado

(*b*) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)					
Indicated (probable)					

(*c*) If placer:

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(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

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Give road distances to shipping, supply and residence points, stating kind and condition of roads.

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State source and quantity of water available for operations and whether sufficient for all seasons of year.

15. Power: See Page 1

State amount of power used, rate per hour, and source thereof.

16. Labor: No payroll to date

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

17. Equipment and Facilities: No Equipment

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation.

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CERTIFICATION

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FRASER EXPLORATION & DEVELOPMENT CORP.
(Name of company)

By Stanley M Williamson
(Signature of authorized official)

April 30, 1951
(Date)

President
(Title)

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

U. S. GOVERNMENT PRINTING OFFICE 16—63792-1

Form MF-100
(March 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA
FOR USE UNDER THE
DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. dma-540 X

Date received 5/7/51

FRASER EXPLORATION AND DEVELOPMENT
CORPORATION

728 U. S. National Bank Bldg.
Denver 2, Colorado

Name and address of applicant

Date April 30, 1951

DMA-540

INSTRUCTIONS

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   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
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   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
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8. Na[redacted]rs if applicant is a corp[redacted]

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation: Common (e)	Number of Shares Held in Applicant Corporation: Preferred (f)	Life Insurance Carried for Benefit of Applicant: Amount (g)	Life Insurance Carried for Benefit of Applicant: Net Cash Surrender Value After Loans (h)
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Harry B. Williamson, Vice President - 751 Grant Pl. Boulder, Colorado
Bertha W. Jarrett, Secretary-Treasurer - 107 Pearl St. Denver, Colorado

(*b*) If deposit is other than placer:

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Measured (proved)					
Indicated (probable)					

(*c*) If placer:

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads: See Prospectus, Page 7

Give road distances to shipping, supply and residence points, stating kind and condition of roads.

14. Water Supply: See Page 6

State source and quantity of water available for operations and whether sufficient for all seasons of year.

15. Power: See Page 1

State amount of power used, rate per hour, and source thereof.

16. Labor: No payroll to date

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

17. Equipment and Facilities: No Equipment

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation.

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

FRASER EXPLORATION & DEVELOPMENT CORP.
(Name of company)

By Harry M Williamson
(Signature of authorized official)

April 30, 1951
(Date)

President
(Title)

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

U. S. GOVERNMENT PRINTING OFFICE 16—63792-1

MF-202

LANDLORD'S SUBORDINATION AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, the undersigned is the owner in fee simple of that certain parcel of ground in the county of Grand, State of Colorado, described in a certain Exploration Project Contract dated April 12, 1951, between THE FRASER EXPLORATION AND DEVELOPMENT CORPORATION, the Lessee of said property, and the United States of America;

NOW, THEREFORE, the undersigned, as Lessor of said property under lease dated the 21st day of December, 1948, does by these presents subordinate all of his right, title, and interest under the provisions of said lease to the right, title, and interest of the United States of America under the provisions of said Exploration Project Contract, and agrees that the lien and claim of the United States of America under the provisions of said contract shall be prior to the undersigned's rights to rentals or royalties under the terms of said lease; and

The undersigned further agrees that if said leasehold interest should be surrendered or if said lease should terminate at any time prior to the expiration of the rights of the United States of America under said Exploration Project Contract, the undersigned shall assume and does hereby assume all of the obligations of the Lessee under said Exploration Project Contract to make repayment to the United States of America according to the terms of said contract; and

The undersigned agrees to commit no act, nor assert any claim under judicial process or otherwise that may contravene or conflict with the prior lien and claim of the United States of America under the provisions of said Exploration Project Contract.

This undertaking and covenant shall be binding upon the heirs, successors, and assigns of the undersigned.

Dated this 24th day of May, 1951

THE MT. VASQUEZ MINES COMPANY,

U. S. GOVERNMENT PRINTING OFFICE 940768

By Jennie L. Griffin
President

Attest: N. M. Barns
Secretary

MF-202

LANDLORD'S SUBORDINATION AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, the undersigned is the owner in fee simple of that certain parcel of ground in the county of Grand, State of Colorado, described in a certain Exploration Project Contract dated April 12, 1951, between [illegible],

the Lessee of said property, and the United States of America;

NOW, THEREFORE, the undersigned, as Lessor of said property under lease dated the 21st day of [illegible], 19[illegible], does by these presents subordinate all of his right, title, and interest under the provisions of said lease to the right, title, and interest of the United States of America under the provisions of said Exploration Project Contract, and agrees that the lien and claim of the United States of America under the provisions of said contract shall be prior to the undersigned's rights to rentals or royalties under the terms of said lease; and

The undersigned further agrees that if said leasehold interest should be surrendered or if said lease should terminate at any time prior to the expiration of the rights of the United States of America under said Exploration Project Contract, the undersigned shall assume and does hereby assume all of the obligations of the Lessee under said Exploration Project Contract to make repayment to the United States of America according to the terms of said contract; and

The undersigned agrees to commit no act, nor assert any claim under judicial process or otherwise that may contravene or conflict with the prior lien and claim of the United States of America under the provisions of said Exploration Project Contract.

This undertaking and covenant shall be binding upon the heirs, successors, and assigns of the undersigned.

Dated this [illegible] day of May, 1951

[illegible]

U. S. GOVERNMENT PRINTING OFFICE 940768

By Jennie L. Griffin
President

Attest: N. M. Barns
Secretary

MF-202

LANDLORD'S SUBORDINATION AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, the undersigned is the owner in fee simple of that certain parcel of ground in the county of Grand, State of Colorado, described in a certain Exploration Project Contract dated April 12, 1951, between THE WHITE EXPLORATION AND DEVELOPMENT CORPORATION,

the Lessee of said property, and the United States of America;

NOW, THEREFORE, the undersigned, as Lessor of said property under lease dated the 21st day of December, 1948, does by these presents subordinate all of his right, title, and interest under the provisions of said lease to the right, title, and interest of the United States of America under the provisions of said Exploration Project Contract, and agrees that the lien and claim of the United States of America under the provisions of said contract shall be prior to the undersigned's rights to rentals or royalties under the terms of said lease; and

The undersigned further agrees that if said leasehold interest should be surrendered or if said lease should terminate at any time prior to the expiration of the rights of the United States of America under said Exploration Project Contract, the undersigned shall assume and does hereby assume all of the obligations of the Lessee under said Exploration Project Contract to make repayment to the United States of America according to the terms of said contract; and

The undersigned agrees to commit no act, nor assert any claim under judicial process or otherwise that may contravene or conflict with the prior lien and claim of the United States of America under the provisions of said Exploration Project Contract.

This undertaking and covenant shall be binding upon the heirs, successors, and assigns of the undersigned.

Dated this 24th day of May, 1951

THE M. WOODS HELIS ESTATE,

By Jessie L. Griffin
President

Attest: N. M. Barnes
Secretary

U. S. GOVERNMENT PRINTING OFFICE 940768

MF-202

LANDLORD'S SUBORDINATION AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, the undersigned is the owner in fee simple of that certain parcel of ground in the county of Grand, State of Colorado, described in a certain Exploration Project Contract dated April 22, 1951, between THE FRASER EXPLORATION AND DEVELOPMENT CORPORATION, the Lessee of said property, and the United States of America;

NOW, THEREFORE, the undersigned, as Lessor of said property under lease dated the 21st day of December, 1948, does by these presents subordinate all of his right, title, and interest under the provisions of said lease to the right, title, and interest of the United States of America under the provisions of said Exploration Project Contract, and agrees that the lien and claim of the United States of America under the provisions of said contract shall be prior to the undersigned's rights to rentals or royalties under the terms of said lease; and

The undersigned further agrees that if said leasehold interest should be surrendered or if said lease should terminate at any time prior to the expiration of the rights of the United States of America under said Exploration Project Contract, the undersigned shall assume and does hereby assume all of the obligations of the Lessee under said Exploration Project Contract to make repayment to the United States of America according to the terms of said contract; and

The undersigned agrees to commit no act, nor assert any claim under judicial process or otherwise that may contravene or conflict with the prior lien and claim of the United States of America under the provisions of said Exploration Project Contract.

This undertaking and covenant shall be binding upon the heirs, successors, and assigns of the undersigned.

Dated this 24th day of May, 1951

THE J. P. FRASER SHEEP COMPANY,

By Jennie L. Griffiss
President

Attest: N. M. Barnes
Secretary

U. S. GOVERNMENT PRINTING OFFICE 940768

DEFENSE MATERIALS ADMINISTRATION

Mr. Herres

Register of Applications for Government Aid

Docket No. DMA-540

Commodity: lead zinc

Name of Applicant:	Fraser Exploration and Development Corporation (Harry M. Williamson)
Address of Applicant:	728 U. S. National Bank Building Denver 2, Colorado
Name of Property:	Mt. Vasquez
Location of Property:	Grand County, Colorado
Nature of Application:	Loan of approximately $75,000

Action Dates

Application:	1/30/51
Received:	1/31/51
Acknowledged:	

Referred to NONFERROUS METALS Committee: 2/5/51

Dwm 546

January 30, 1951

The Defence Minerals Administration
Dr. James Boyd, Director
United States Bureau of Mines
New Interior Building
Washington 25, D. C.

Dear Dr. Boyd:

I am herewith submitting a request for Government Aid to explore a known mineral deposit, located in Grand County, Colorado.

The Fraser Exploration and Development Corporation has been incorporated to expedite its operation. It has had preliminary examination, and ores checked at the Joplin Tri-State Experimental Labratory. The property has been visited by local officials of the U. S. Bureau of Mines.

The preliminary exploration will require about $75,000.00, which together with subsequent drilling of a minimum of twenty five hundred feet, should expose the largest undeveloped mineral area now left in Colorado.

The Prospectus or Information Statement of the Fraser Company accompanies this application.

Thank you for your attention.

Very truly yours,

Harry M Williamson

Harry M. Williamson

HMW:bj

dmd 540

Form AR-1

N. B.—This blank must be filled in completely, executed and verified by two of the executive officers of the corporation, and filed in the office of SECRETARY OF STATE, DENVER, COLORADO, on or before the 15th day of March. (Please read carefully copy of Act on back hereof.)

This form of blank to be used in making reports of all domestic corporations.

The amount of penalty for delinquency in tax is one per cent of the tax for every month or fractional part of month. The .....tax became delinquent after May 1st, ...

CORPORATION LICENSE TAX:

Year	Tax	Penalty	Total	
195				
195			100	00
		Total tax and penalty		
		Fee for filing report		
			5	00
		Total	105	00

ANNUAL REPORT

DOMESTIC CORPORATION

FRASER EXPLORATION & DEVELOPMENT CORPORATION

728 U. S. National Bank Building, Denver 2, Colorado
(PLEASE FILL IN MAILING ADDRESS)

FIRST: Names of Officers with the residence and business address of each.

President Harry M. Williamson
Residence 107 Pearl Street, Denver
Business Address 728 U. S. Nat'l Bank Bldg.
Vice-President Harry B. Williamson
Residence 751 Grant Place, Boulder, Colorado
Business Address Jamestown, Colorado
Secretary Bertha W. Jarrett
Residence 107 Pearl St, Denver
Business Address 728 U. S. Nat'l Bank Bldg.
Treasurer Same as Secretary
Residence
Business Address
Manager or Superintendent
Residence
Business Address
Trustees or directors with residence and business address of each

NAMES	RESIDENCE ADDRESS	BUSINESS ADDRESS
Harry M. Williamson	107 Pearl Street, Denver	728 U.S. Nat'l Bank Bldg.
Harry B. Williamson	751 Grant Pl. Boulder	Jamestown, Colorado
Bertha W. Jarrett	107 Pearl Street, Denver	728 U.S. Nat'l Bank Bldg.
Walter I Holmes	2425 So. Fillmore St. Denver	704 U.S. Nat'l Bank Bldg.
Paul B. Sweet	3064 So. Elm St. Denver	

SECOND: The address of the principal office in this State 728 U. S. National Bank Building Denver.
THIRD: State whether or not engaged in active operation within the State of Colorado No
NOTE→ **FOURTH:** Name and business and residence address of at least one officer or agent upon whom process may be served in this State (in the event that books may be kept out of this State or ALL OFFICERS RESIDE OUT OF THIS STATE).

Name	Business Address, City or Town (Give Street, Bldg. or P.O. Address)	Residence Address, City or Town (Give Street, Bldg., or P.O. Address)

FIFTH: Name and business and residence address of the person in charge of office in which books are kept (in the event books are kept out of this State).

Name	Business Address, City or Town (Give Street, Bldg., or P.O. Address)	Residence Address, City or Town (Give Street, Bldg., or P.O. Address)

SIXTH: Capital Stock—classified as follows:

No Par Value Stock (**Authorized**) None (No. of shares) Shares

Common Stock (**Authorized**) $1,000,000.00 (Total Amount) Par Value $ 1.00

Preferred Stock (**Authorized**) $ (Total Amount) Par Value $

SEVENTH: Amount of indebtedness as of December 31st next preceding the filing of the report, or as of any date within seventy-five days prior to the filing of the report (show date of statement).

$ 850.00 as of December 31, 1950

EIGHTH: Such other information as will show with reasonable fullness and certainty the financial condition of the company as of December 31st next preceding the filing of the report, or as of some other date within seventy-five days next preceding the filing of the report (show date of statement of assets and liabilities)

(This Report is not acceptable unless Paragraph Eight is completed).

See attached sheet

NINTH: The name of the county in which the principal business of the corporation was transacted during the preceding calendar year Denver

The name or names of the county or counties in Colorado in which its principal plant or plants, or realty holdings are located Grand County

FRASER EXPLORATION AND DEVELOPMENT CORPORATION

DENVER COLORADO

728 U.S. National Vank Bldg.

BALANCE SHEET

December 31, 1950

ASSETS

Petty Cash Acct.	5.00
Cash in Bank	639.90
Mine Lease	999,995.00
Mine Development	1,590.00
Organization Expense	2,120.00
Total	1,004,350.00

LIABILITIES

Notes Payable - Long Term		850.00
Capital Stock Authorized	1,000,000.00	
Less - Treasury Stock	400,000.00	
Stock Outstanding		600,000.00
Donated Surplus		403,500.00
Total		1,004,350.00

In Witness Whereof, We have hereunto affixed our signatures this Thirtieth day of January, A. D. 1951

N. B.—See extracts from law on back of blank.

CORPORATE SEAL

Bertha W. Jarrett
Secretary-Treasurer
(Title of Officer)

Harry M. Williamson
President
(Title of Officer)

STATE OF Colorado
City and County of Denver } ss.

I, Margaret Stepp, a Notary Public in and for said County in the State aforesaid, do hereby certify that Harry M. Williamson and Bertha W. Jarrett

personally known to me to be the persons whose names are subscribed to the foregoing annual report of said corporation, who each being first duly sworn, upon his oath deposes and says, each for himself and not one for the other, that they are the President (Pres., Secy., etc.) and Secretary-Treasurer (Pres., Secy., etc.) respectively of Fraser Exploration & Development Corporation (Name of Corporation): that the facts thus set forth in said annual report are true, full and complete, and that they made, signed and delivered the said annual report in compliance with the statute in such case made and provided.

Subscribed and sworn to before me this 30th day of January, A. D. 1951

My commission expires March 1, A. D. 1951

NOTARY SEAL

Margaret Stepp
Notary Public.

Note.—The above jurat should be filled in completely.

Extracts from Section 80, Ch. 41, 1935 Colorado Statutes Annotated.

Sub-division (a). Every corporation, joint stock company or association, incorporated by or under any general or special law of this State, or by any general or special law of any foreign state or kingdom, or of any state or territory of the United States, beyond the limits of this State, excepting corporations not for profit, insurance companies and/or building and loan associations reporting to other public authority of this State, shall, on or before the fifteenth day of March of each year (or if such day be a Sunday, on or before the sixteenth day of March), commencing with the year 1932, cause to be made and filed an annual report in the office of the Secretary of State.

Sub-division (c). Every such corporation, joint stock company or association shall pay to the Secretary of State, for the State as a fee for examining and filing such reports as follows:

All ditch or canal companies having a capital stock of Fifty Thousand Dollars or less, one dollar.

All corporations with a capital stock of Ten Thousand Dollars or less, one dollar.

All other corporations, joint stock companies or associations, five dollars.

Sub-division (d). And if any such corporation, joint stock company, or association shall fail, refuse or omit to cause to be filed the annual report as aforesaid, and to pay the fees prescribed therefor, within the time above prescribed shall attempt to prosecute a cause of action while in default as to the filing of the report which should have been filed on or before the fifteenth day of March next preceding, the court may on motion of the adversary of said corporation, stay any proceedings on such cause of action until a report be filed; and if any corporation shall be sued while in default as to the filing of the report which should have been filed on or before the fifteenth day of March next preceding, the court may, in said action and at any time during the pendency thereof, give judgment against said corporation, and in favor of the plaintiff upon plaintiff's motion in a sum not exceeding Twenty-Five Dollars, as a penalty, to compensate the plaintiff for any expense or delay he may have suffered, in good faith, in obtaining service upon said corporation, by reason of said report not having been filed.

Sub-division (e). Should any such corporation, joint stock company, or association fail, refuse or omit to file the annual report as aforesaid, and to pay the fees prescribed therefor, within the time above prescribed, the executive officers and all the directors of said corporation shall be jointly and severally, individually and personally, liable for such portion of the debts of such corporation, joint stock company or association, to the extent and in the manner only as set forth in this sub-division, that shall be contracted during the calendar year (January 1st to December 31st, inclusive) next preceding the time when such report should have been made and filed in accordance with this Act.

Said liability shall be enforced at the suit or suits of any creditor or creditors, and no officer and/or director shall be liable upon any suit, or by successive suits, or cumulatively, beyond the sum of one thousand ($1,000.00) dollars, or for any debt contracted while he was not a director. All such suits must be commenced within one year after the default in filing such report.

Whenever a report has been made and filed in good faith, and in substantial compliance with this Act or in a bona fide attempt to comply with this Act and without a wilful attempt to conceal any material statement or to otherwise wilfully evade the intent of this Act, any omission or inaccuracy herein shall not nullify said report, and in such case, the penalty provision contained herein shall be deemed penal and construed in favor of any officer or director sued under the terms hereof.

Exm'd for Filing

Clerk

DOMESTIC CORPORATION

ANNUAL REPORT

OF

FILED in the office of the Secretary of State, of the State of Colorado, on.....

Filing Clerk.....Fees.....

Indexed by

Lma 540

FRASER EXPLORATION AND DEVELOPMENT CORPORATION

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INDEX

Sheet No.	
1. & 2.	Reclamation Power Rates at Granby, near Fraser, Colorado
3.	Copy of 1929 Report Colorado Bureau of Mines Also Two Assays by W. L. Piers
4. & 5.	General History (Mountain States Mineral Age)
6., 7. & 8.	Copy of Report by D. H. Fairchild, E. M.
9. & 10.	Statement by C. A. Trease, Consulting Engineer Now Living at Pine, Colorado
11.	Smelting Test by G. H. Sethman
12.	Ore Analysis by A. S. & R. Co. With Assays by W. L. Piers, Denver, and Victor Blanc, Assayer and Chemist
13.	Report of John D. Milliken, President of The Mt. Vasquez Mines Company

Information gathered and submitted

by

Harry M. Williamson

Harry M. Williamson

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION
REGION VII

Schedule R7-F4

Colorado-Big Thompson Project, Colorado.
INTERIM SCHEDULE OF RATES FOR WHOLESALE FIRM POWER SERVICE

Effective:

March 1, 1947.

Available:

In the area served by the Colorado-Big Thompson Project.

Applicable:

To wholesale power customers for general power service supplied through one meter at one point of delivery. Not applicable to stand-by or auxiliary service or to the sale of dump energy.

Character and Conditions of Service:

Alternating current, sixty cycles, three phase, delivered and metered at the low-voltage side of substation.

Monthly Rate:

DEMAND CHARGE: $1.00 per kilowatt of billing demand
ENERGY CHARGE: First 250 kilowatt-hours per kilowatt of billing demand at 4.5 mills per kw.-hr.
All over 250 kilowatt-hours per kilowatt of billing demand at 4.0 mills per kw.-hr.

Minimum Bill:

$1.00 per month per kilowatt of the contract rate of delivery.

Billing Demand:

The billing demand will be the highest 30-minute integrated demand measured during the month.

Adjustments:

For character and conditions of service:

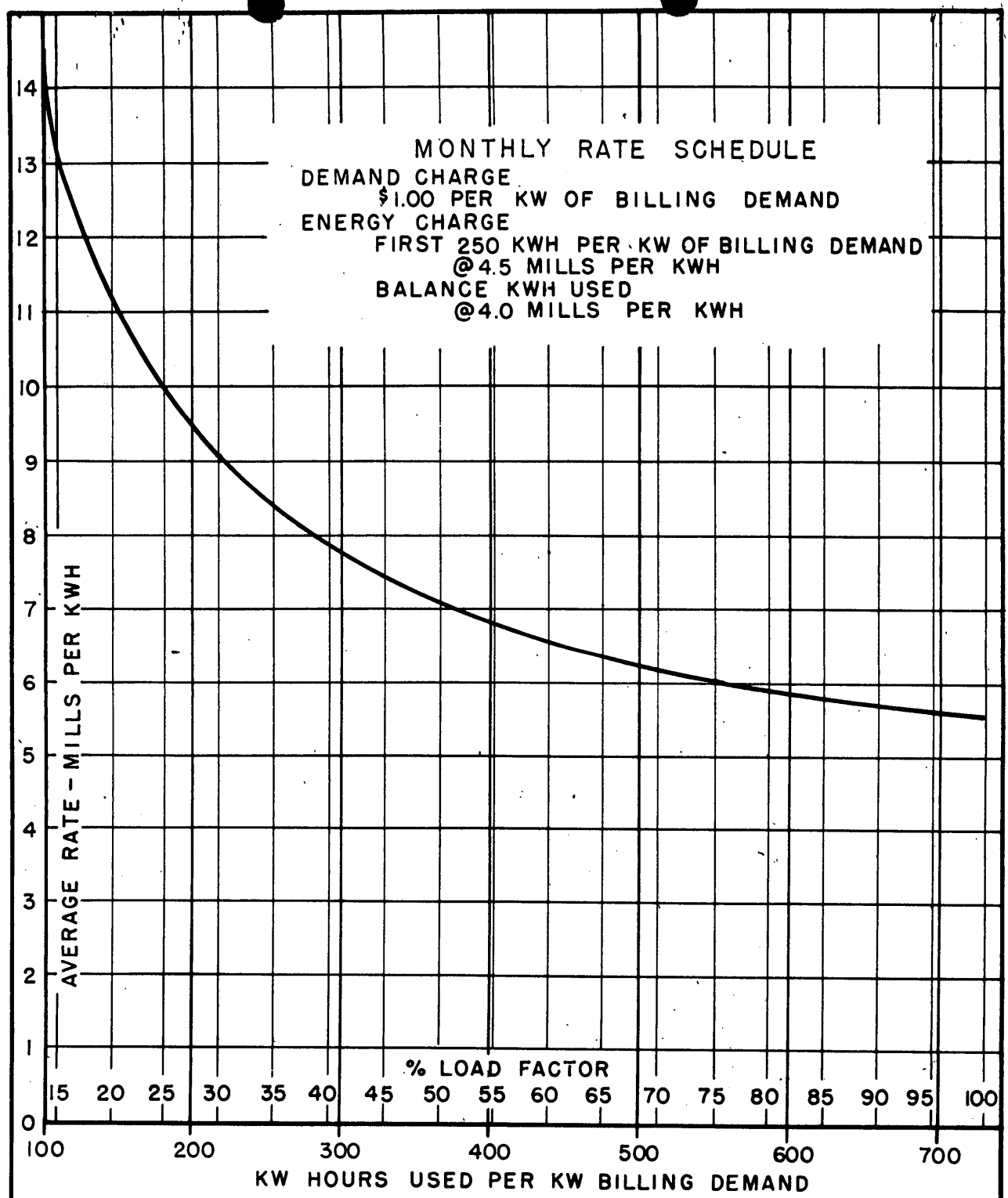
If delivery is made at transmission voltage so that the United States is relieved of substation costs, five percent discount will be allowed on the demand and energy charges.

For transformer losses:

If delivery is made at transmission voltage but metered on the low-voltage side of the customer's substation, the meter readings will be increased two percent to compensate for transformer losses.

For power factor:

None. The customer will normally be required to maintain a power factor at the point of delivery of not less than 90 percent lagging.



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION - REGION 7

COLO.-BIG THOMPSON PROJECT

RATE SCHEDULE

WHOLESALE FIRM POWER SERVICE
SCHEDULE R7-F4 EFFECTIVE MAR. 1, '47

DRAWN J.W.S. SUBMITTED Lawrence H. Hoover
TRACED W.A.F. RECOMMENDED James E. Stoke
CHECKED J.W.S. APPROVED W. E. Blomgren

DENVER, COLO. 3-7-47 | 7-400-66

EXTRACT FROM THE REPORT OF
THE COLORADO BUREAU OF MINES
JOHN T. JOYCE, COMMISSIONER OF MINES
ANNUAL REPORT FOR YEAR 1929

GRAND COUNTY

"This is a county with large undeveloped mineralized territory, showing the most extensive outcroppings of fissure veins in the state, if not the world. The territory to the south of Fraser and the head of Williams Fork and Jones Pass, offers one of the best fields for the prospector in the big out-of-doors. There were five mines operated in this county in 1929, showing ore deposits of from $10.00 to $40.00 per ton in complex ores. With further development in this county it should be possible to produce sufficient ore of this kind to keep a local reduction plant going with a capacity of 300 tons per day.

The Mt. Vasquez Mines shows one of the latgest outcroppings of a mineralized fissure vein in the state."

OFFICE OF

W. L. PIERS.

Denver, Colorado
Aug. 22, 1922

The Mt. Vasquez Mines Company -

I have assayed your samples with the following results per ton, 2000 lbs.

Mark	Gold	Silver	Lead	Zinc	Total Value
No. 1		8.00 oz	21.20%	.73%	$28.27
No.2		7.00 oz	9.20%	35.10%	60.69

Gold at $20.00

Silver " 1.00

Lead 1.03 per unit

Zinc 1.26 per unit

(Signed) W. L. Piers

MT. VASQUEZ THE COMING
BONANZA CAMP

(From The Mountain States Mineral Age)
September, 1926

In Grand County, Colorado, is located the Largest and Richest Deposit of Zinc, Lead, Silver, Gold and Copper ores discovered in many years.

Turning time back almost half a century, to be exact in 1832, 25 years before Denver was in mind or on map, a French Spaniard, Bonita Vasquez, familiarly called "Louis", probably because he was born in St. Louis, established a trading post where Clear Creek joins the Platte river a few miles below Denver. He was "bon homme" with the Indians but not very congenial with the few white men there at that early day. Up to about 1860, Clear Creek was called Vasquez Fork.

In one of his trading expeditions, Vasquez came into the wild and rugged country lying between the headwaters of Williams Fork and the Fraser River, now Grand County, and so it is that Vasquez Peak, 12,500 feet high, Mt. Vasquez and the Vasquez range of mountains, Vasquez Creek and many years later the town of Vasquez, on the Moffat road, perpetuated the historic name. Vasquez, probably in honor of his birth place, named St. Louis Creek and its source, St. Louis Lake.

Vasquez was a trader with the Indians and evidently knew nothing of metallic ores and minerals. He did not realize that his trails led over billions of dollars in metallic wealth.

For several decades after Vasquez' time, the knowledge of these vast mineral deposits remained unknown. Not so many years ago, Gordon Miller, while engaged in hunting and trapping in the locality, having considerable practical experience in mining and handling ores, at once recognized the value and vastness of the wonderfully rich veins coursing through the country. To Miller is due the credit of the discovery of the coming bonanza camp of the West. "Mt. Vasquez."

This mineralized district extends for several miles in each direction, apparently centering in Mt. Vasquez. The veins vary in width from four feet up to over one hundred feet, tracable for miles, some of these going directly through the mountain. A remarkable feature of these deposits is, that whether a small or a big wide vein, the ore values average approximately the same. So far as exploited, the major values are in zinc, lead and silver, with some gold and copper. In some veins, however, gold and copper predominate. The ore bodies in this district, taken as a whole, notwithstanding their unusual large size, average very much higher in values than in other well-known camps, and it is not necessary to get depth to get values, the richness begins at grass roots.

Mt. Vasquez Mines Co., Foster Building, has done some development in various places on its holdings, and while the work is of a shallow nature, the tonnage and high value of the ores made available is - well, astounding best describes it. Outside of this small amount of developing work, the district is practically unprospected. Rich float, from small pieces up to heavy chunks, are found everywhere, vein outcroppings are numerous, in fact the whole mountain is apparently "pay". The prospector doesn't have to hunt to find ore. Digging finds it anywhere.

Several prominent engineers and practical mining men have visited Mt. Vasquez and examined and sampled these immense ore deposits and their tests verify all statements and claims made.

D. H. Fairchild, distinguished mining and metallurgical engineer, now Consulting Engineer of the Vulcan Iron Works, Wilkes Barre, Penna., had four assays made with the following values:

No.1. Sample taken from main dyke of the Gordon Tunnel, an average of four feet: Zinc value, $44.46; Lead, $9.66; Silver, $8.50. Total, $62.52.

No. 2. Sample from the Mollie dike in Gordon Tunnel across four feet mineral face: Zinc, $27.36; Lead, $9.98; Silver, $1.00. Total $38.34.

No. 3. Sample across four feet in "Surprise" opening on Mollie claim; Zinc, $14.40; Lead, $7.56; Silver, $3.20; Total, $25.26.

No. 4. Sample from opening on Dola claim across three feet; Zinc, $1.08; Lead, $33.97; Silver, $8.50; Total, $43.55. Average of the four samplings from different workings, $42.17. These values would be much higher at present prices of zinc and lead.

Another sampling of raw ore sent to a smelter gave total values of $146.67 per ton.

Another analysis gave zinc values at $40.50. and bismuth $49.50. Total value, $90.00 per ton.

Still another assay; silver lead and zinc values, $26.27 and another per cent of lead, $29.60; ounces silver $12.90; Total value, $55.00 per ton.

Nine assays made by different parties aggregated $549.17, making an average of ore $61.20 from all openings.

Samuel McKirahan, mining and metallurgical engineer made two assays, $47.22 and $18.10 per ton respectively.

An assay by Sanford and Warner gave gold and silver values, $48.70.

Streaks of high grade, of considerable width, gave returns of over two hundred dollars per ton in different metals.

These tests were all taken from surface and shallow workings. It is not guess work that depth and further development will disclose richer values.

Mt. Vasquez possesses the prime essential for a great mining camp - an unlimited tonnage of ores carrying unusually high values. St. Louis Lake has abundance of water to supply a large hydro-electric power plant and a splendid location for same below the lake. There is a large area of fine timber for mining and all other uses. It is but 13 miles, down water grade haul to Fraser on the Moffat railroad, and other good things connected up with Mt. Vasquez.

MASS PRODUCTION AND HOME TREATMENT

Mass production is immediately available. A suitable reduction plant, producing all metals in separate and marketable form, completes the equation.

Mineral Age is not given to extravagant assertion or unsupported statements. The facts herein stated, from personal knowledge and from reliable information, are convincing proofs that Mt. Vasquez is the coming bonanza camp, and now, at this early stage, possesses all the essential qualifications and tangible evidences of a potential future surpassing some of the boom camps that are passing into history.

Mineral Age has undertaken the task of going to the bottom and getting first hand all the facts and information obtainable about Mt. Vasquez."

THE MT. VASQUEZ MINING GROUND

HISTORY

The three original claims of this property were staked out by Gordon Miller, a trapper and hunter at the time, who, while trapping over the Vasquez mountains, was attracted by the highly mineralized float so abundant adjacent to the base of Vasquez Peak and its spurs. Further investigation rewarded Miller by disclosing good veins of lead, zinc, silver and gold. After opening these veins on the surface and along cliffs where they were exposed, he was obliged to sell his interests mainly on account of not being able to finance their development. Also their isolated location tended to add materially to the costs of opening them up to a point where their value could be estimated with some degree of accuracy. So he gave title, by bond and lease, to The Vasquez Mining Co., and in view of their assurances, the title to this property has been assumed to be perfect.

GENERAL DESCRIPTION

The property now consists of eight lode claims, located in Grand County, State of Colorado, about twelve miles up St. Louis Creek from the town of Fraser, a station on the Moffat road. The elevation of the property is from 10,000 ft. to 11,000 ft. above sea level. The group of claims embrace about 134 acres and is comprised of three lode claims 300 by 1000 feet, and five full size claims 600 by 1500 feet. The claims are known on the records as follows: Mollie; Gordon; Dola; Lakeview; General Pershing; Col. McAlexander; St. Louis; and Contact. These claims are continuous with the exception of the Contact, as is shown by the accompanying map, which while it is not drawn from accurate surveys, serves to give a general idea of the location of the claim.

TIMBER AND WATER

There is an abundance of timber on and adjoining these claims suitable for mine timbers, building and fuel purposes and a water supply amply sufficient for all mine and mill purposes. My estimate of the flow out of St. Louis Lake at this season of the year is about twenty-eight cubic feet per minute and this is about the driest time of the year as the snow is entirely absent and the summer rains are over.

GEOLOGY

The structure of this section of the country is composed chiefly of igneous and metamorphic rocks and from a geologic standpoint this is in itself an extremely good indication of mineralized areas. All igneous rocks contain metals to some degree, although, naturally we do not find the rarer metals in such noticeable amounts in rocks of this class. However, these metals are usually found to be constituent of the dark colored ferromagnesian minerals, such as hornblende, pyroxene, biotite, olivine, etc. and this property is largely composed and surrounded by an abundance of all these rocks.

VEINS

My attention was centered largely on the main vein, which may be traced from the Gordon vein across the Mollie in a direct line close to north and south. Lack of time prevented an exhaustive examination. However, certain facts and conditions were determined, viz; This vein, called the Gordon vein, is in reality a dike of intrusive mineral bearing rock, rising in practically vertical position through a fissure in the country rock. This dike has branches emanating from it, one of which passes through the Dola claim. This branch dike shows the same characteristics as the Gordon vein, or main dike and at the point where it is opened, shows an average of three feet of good grade lead, zinc, silver and gold ore. Assay number four below is from this opening. The gold values were not ascertained as they were presumed to be nominal and considered to be of least value at this time.

The main vein or dike is open at five places along its outcrop, at each of which there is the same strong showing of mineral content; principally lead, zinc and silver. The width of the heavily mineralized portion of this dike averages about four feet in the five openings; (Now 14 feet wide, owners statement)

The fact that this mineralized rock is intrusive, is in itself a good indication of continued value and promise of even greater mineralization with depth. In its formation, this intrusive dike was distant from the surface and has cooled slowly allowing the disseminated mineral carried by it and the rocks through which it passes, to become concentrated. From this reasoning, we would expect to find greater concentration of mineral farther from the surface as it is now exposed.

The topography of this property is very rugged and typically igneous without much vegetation and with timber to any amount on only the lower claims. Owing to the fact that most of the claims have a southern exposure, it sonewhat tempers the usual cold winters to be expected at this altitude and when it is considered that the mill site and main working tunnel should be located at some convenient and considerable distance below the present prospective development, it is plain that the lower altitude and the protection of the heavy timber of the valley below, will allow continuous year round operations of this property.

There is at present a road from Fraser to Lapland, a logging camp a distance of about eight miles. From this point to the property of the Vasquez company, is a distance of about four miles, practically all free from rock in places, as it follows mostly the valley of St. Louis creek and is heavily soiled and timbered and offers no great obstacle to economic road building. The grade is not great and use could likely be made of about three miles of the government trail where the trees have been cleared from a width of about twelve feet.

ASSAYS

The samples taken by me on the Vasquez property were carefully cut across the mineralized portion of the vein with the view of getting as accurate a test as possible with the few samples procured, and the listing below will give some idea of the nature of the ore that may be in the developed mine at a later date.

Sample number one was taken in the Gordon Tunnel across a vein section of four feet. Sample number 2 was taken on the main dike in the Mollie tunnel across four feet of mineralized face. Sample number 3 from the "Surprise" opening on the main dike on the Mollie claim across a four foot section. Sample number 4 was taken from an opening on the Dola claim on a branch of the main dike across a three foot section

Sample No.	Lead%	Silver oz.	Zinc.
No. 1	6.	8.5	24.7
No. 2	6.2	1	15.2
No. 3	4.7	3.3	8.
No. 4	21.1	8.5	.6

TREATMENT

The type of ore now exposed could probably be treated best by a combination of wet gravity concentration and flotation. The amount of iron sulphides in the ore is not sufficient to cause trouble and by proper care a very satisfactory extraction and separation of the metalics can be made. Most of the lead and a greater portion of the silver, which is in combination with the lead can be concentrated out on the tables. The remaining pulp containing principally the iron sulphides

and the zinc, along with the gangue or waste matter of the ore could probably be best treated by selective flotation. By this process a zinc concentrate could be made and the iron sulphides could be discarded with the tailings. If, however, the sulphides contained gold in any quantity sufficient to warrent it, a concentrate of the sulphides could be made. I had no test made of the gold as I considered it likely of nominal value in comparison with the other metallic value. (Gold assayed at $90.00 was found. Owners statement)

RECOMMENDATIONS

It would be highly advisable to drive the Gordon tunnel ahead. Also the Mollie tunnel for at least twenty feet in order to determine more accurately the nature of the dike and to note any changes in its mineralized nature. It would also be of considerable value to have a prospect shaft sunk on the dike near the present opening called the "Surprise" following the dike down for at least fifty feet. Following this prospective development, if the condition of the mineralized portion of the dike is as favorable as is promised from all indications, it would be best to abandon all work at the places mentioned and to start a working tunnel considerably below the level of these present openings at a site to be chosen by a competent engineer familiar with the needs. This tunnel would, from the nature of the country, have to be driven at right angles to the dike or in an easterly-westerly direction for a distance of 600 feet to 1000 feet, owing to where it is located before cutting the dike; but when it is accomplished and the ore has been proven at this level, an immense tonnage of good commercial ore will have been proven, all lying above the work tunnel with all hoisting and water drainage expense eliminated. The portal of this tunnel would be closer to any projucted operating point. So that in conclusion, I will repeat, there is no reason for doing more than prospecting as advised at the upper tunnels and they should be abandoned as soon as the desired information is acquired.

In conclusion, I will say that this property possesses great merit as a prospect for a great productive value, but to date the development work is not extensive enough to warrant a more definite opinion as to its ultimate future. However, everything goes to indicate that the values will expand with depth in both quantity and quality and that eventually this property will rank with other large paying mines of the state.

Respectfully submitted

D. H. Fairchild, E. M.

C-O-P-Y

TO THE VASQUEZ MINES COMPANY
404 Foster Building,
Denver, Colorado.

Gentlemen:

At your request I visited the Mt. Vasquez Mines Company's property on a spur of Mt. Vasquez, between the Gordon creek and St. Louis creek, about fourteen miles southwesterly from Fraser, Grand County, Colorado. I found the property to be a much better mining prospect than I had expected to see, altho all the reports which I had received of the mining prospect were very flattering.

HISTORY

The three original claims of this property, The Mollie, Gordon and Dola, were discovered and located by Gordon Miller, a trapper and hunter, while tramping over the country in the vicinity of Mt. Vasquez. After doing the assessment work for several years, Mr. Miller decided he was unable financially to develop these claims into a paying mining property. In view of this fact he sold this property to The Mt. Vasquez Mines Company under bond and lease for a small consideration and an interest in the new company. The Mt. Vasquez Mines Company have since that time, re-located and enlarged these three claims and added seven full-size claims to their holdings.

GENERAL DESCRIPTION OF THE PROPERTY

The property consists of ten full-size claims, 600 X 1500 feet, (20.66 acres each) making a total of about 206.6 acres. The claims are known on the records as follows:

No 1. Mollie
No 2. Gordon
No 3. Dola
No 4. Lake View
No 5. General Pershing
6. Col McAlexander
7. St. Louis
8. Byers Placer No 1
9. Byers Placer No 2
10. Contact

These claims join each other. The plat attached hereto fully illustrates this point, while not drawn from actual field notes, but merely sketched, gives a general idea of the location of the property.

TIMBER

There is an abundance of fine timber on the Gen. Pershing and Col. McAlexander and lands adjoining these two claims suitable for building and fuel purposes.

WATER

There is an ample supply of water the year round for all necessary power, milling and domestic purposes.

ECONOMIC GEOLOGY

The structure of this section of the country is composed of igneous and metamorphic rocks, from a geologic standpoint, in itself is an indication of good mineralized areas. All igneous rocks contain metals to some degree, although we do not find the rarer metals in all rocks of this class. However, these metals are usually found to be constituents of the dark colored ferro-magnesian minerals, as hornblende, pyroxene, biotite, olivens, etc., of which rocks there is a great abundance on this property.

The vein called the Gordon vein is in reality a dike of intrusive mineral-bearing igneous rock rising in practically a vertical position through a fissure in the country rock. This dike has branches emanating from it, one of which passes through the Dola claim. This branch dike shows the same characteristics as the Gordon vein, or main dike,

and at the point where it is opened shows an average of eight (8) feet of good grade lead, zinc and silver ore.

TOPOGRAPHY AND VEGETATION

The topography of the Mt. Vasquez Mines Company's claims is very rough, mostly above timber line, except the General Pershing and Col. McAlexander claims. The greater part of these claims are below timber line and are covered with a heavy growth of fine timber suitable for mining and building purposes.

CLIMATE

The climate at this altitude must necessarily mean long, cold and disagreeable winters with short but pleasant summers. The fact that the property extends several hundred feet below timber line, where the principal workings can be located in the heavy timber, without any considerable cost of operation, but will have the advantage which the heavy timber affords against the cold, windy and stormy days of the winter.

TRANSPORTATION

There is at present a very fair road from Fraser to a point about two miles west of the Stevens-Bar Lumber Camp on St. Louis Creek about ten miles southwest of Fraser. From this point to The Mt. Vasquez Mines Company's property is about three miles distant; most of this distance is through heavy pine timber and free from rock in place, and will not be difficult to build a good road. The grade is not very heavy. The government trail could be used for a greater part of this distance, which is cleared of timber for a width of about twelve feet, which would lessen the cost of constructing the road several hundred dollars.

The property is ideally located for mining and milling, while the transportation facilities are very good considering the distance from the railroad, (about 13 miles) which is down hill from the property to the railroad, except for a few adverse grades.

In mining as well as any other business proposition the question is, will the particular enterprise contemplated be a profitable investment for the investor. In this proposition, I believe it will. The Mt. Vasquez Mines Company property, in my opinion, can be made one of the best paying mining properties in Colorado.

The following estimate is based on an average of seven assays of ore taken from the several prospect cuts or openings of the main and cross veins on the property, an average value of $52.23 per ton.

I believe the following figures would be the maximum cost per ton for operation and production:

Mining, $2.50; Transportation, $7.00; Milling and smelting, $20.00. Total being, $29.50 per ton.

Assuming $52.23 a ton, the value of ore as per assays, and $30.00 a ton for production, would leave a net profit of $22.23 a ton for the stockholders. Figuring 50 tons daily capacity would yield $1,111.50 daily, or $405,697.00 yearly, nearly 406% on $100,000.00 capitalization. Cut the profit in two would yield nearly 203% on $100,000 capitalization. Cut it in two again would yield over 101% on $100,000 capitalization. Cut it in two again would yield over 50% on $100,000 capitalization.

Respectfully submitted,

Signed C. A. Trease

Consulting Engineer

THE SETHMAN ELECTRIC AND
MANUFACTURING COMPANY

DENVER COLORADO

April 18, 1922.

Judge John D. Milliken, President
Mt. Vasquez Mines Co.,
Denver, Colorado.

Dear Judge:

This is to advise you that on the 11th., day of April 1922, we made a test run upon your ore obtained from your mine with the following results of recovery:

Flue dust, weight 3 lbs.

Gold	.50oz
Silver	19. oz
Zinc	26.70%
Sulphur	13.87%

Matte and Bullion, weight total 5 3/4 lbs

Gold	9.85 oz
Silver	331.80 oz
Lead	102.80 oz
Copper	1.4 %
Iron	18.10 %

Total weight of raw ore treated, 25 lbs.

The value of materials recovered in flue dust is $6.23 per ton of raw ore as it is taken from your mine. The value of the matte and bullion per ton of raw ore as it is taken from your mine is $140.44, making the total of all valuable metals in your raw ore at the mine $146.67 per ton.

While making this test run we noticed that the ore is practically self fluxing, and while we added a small amount of lime silica, this was unnecessary as the ore came to a splendid set as soon as the electric arc reached the material, therefore we declare that with your ore and our electric smelting furnace, the proposition of reducing and obtaining the values can be done at a very low cost of current. In fact, our figures show that the cost of smelting your ore with our system should not exceed $1.85 per ton treated, which when adding the usual overhead charges to total cost to handle and reduce to a marketable product should be within $4.50 per ton.

This is a remarkably low figure for any ore, but the work can be easily done and the values extracted with the least possible amount of current.

We want to congratulate you upon having such a splendid quality of ore for treatment. The time consumed in making the run was but about two hours and a half, starting with a cold furnace. Most of this time was consumed in getting the furnace hot, but before the furnace was actually ready for operation, your ore was ready for pouring. The actual time for smelting was less than thirty minutes. We consider this ore the best smelting material we have had in our furnace to date, and shall take pleasure in making this statement to all concerned.

Very respectfully submitted,

Sethman Electric and Manufacturing Co.

By, G. H. Sethman

JOHN D MILLIKEN
Attorney at Law
1345 Logan #4
Denver, Colorado

American Smelting & Refining Co.
Salt Lake City - Utah

Silver	Lead	Zinc	Insolv. %	Iron	Lime	Sulph
6.6	10.3	18.4	27.5	2.8	8.9	13.6

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Office of
W. L. Piers
Assayers & Chemists
428 18th Street - Denver, Colo.

Mr. John D. Milliken:

I have assayed your sample with the following results per ton of 2000 lbs.

No.	Marked	Gold ozs	Silver ozs	Copper %	Wet Lead %	Zinc %	Total Value
1.	Lead		*6.00		21.20	0.72	$28.27
2.	Zinc		*7.00		9.20	35.10	60.69

* Gold not deducted.

(signed) W. L. Piers.

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VICTOR BLANC ANALYTICAL CHEMIST AND ASSAYER

Aug. 9, 1923

I HEREBY CERTIFY THAT THE SAMPLES ASSAYED FOR JOHN D. MILLIKEN gave the following results per ton of 2000 lbs.

	Gold oz	Silver oz	Wet lead pc	Zinc pc	Value
Brown ore	0.05	4.25			3.64
Zinc ore	0.03	0.60	2.16	20.25	0.67

Zinc Value 40.50
Total " 41.17

Bismuth 1.65%

Actual value of $49.50 of Bismuth
Total of all values $90.67

Gold @ 20.00
Silver 0.62

Charges $5.50

Zinc @ $2. per unit

Signed Victor Blanc

Report of John D. Milliken

President of the Mt. Vasquez Mines Company

A new "Homestake" mine in the making. A new mining district for old Colorado. A new camp. Another Leadville.

This and nothing less is what a number of geologists and mining experts predict for Mt. Vasquez, heart of a great virgin area just beyond the Moffat tunnel.

Development work done by Mt. Vasquez Mines Co. on a spur of Mt. Vasquez has disclosed one strong vein averaging 9 to 15 feet in width, while the whole spur is so featured by fissure and blanket veins as to justify the term of "mineralized mountain" something like Colorado's molybdenum mountain at Climax.

Sampling shows a well defined ore body 400 feet in width at one place, with commercial values of gold, silver, lead, zinc and copper. Test runs have demonstrated the adaptability of Mt. Vasquez ore to cyanidation and flotation.

Col. J. Austin Myers, a mining man of long experience in the Black Hills and in the Tri-state zinc field, pronounces the Mt. Vasquez ore deposits such as eclipse anything ever discovered at Joplin. Mr. Myers recounted that Homestake shares used to sell for 25 cents a share and are now quoted at $200 on the New York stock exchange, and predicted that here is another Homestake in the making.

George D. Parks, for years an employee of the Homestake Company, now located at Salina, Colorado, declares that Mt. Vasquez shows bigger and better at this stage than did the Homestake in its early stage of development.

Already a number of other individuals and companies have taken up ground surrounding that of the pioneer Mt. Vasquez company. A great impetus to the development of this area has been given by the opening of the Moffat tunnel. Water and timber and power facilities are good in this new district, while a 13 mile highway will add all the advantages of railway and state auto highway.

Because of the apparent significance of this region we quote herewith from a report made May 14, 1928, by J. Austin Myers:

"The properties of the Mt. Vasquez Mines Company are situated about 52 miles from Denver and about 10 miles from the west portal of the 6¼ mile Moffat tunnel. I will state that I am thoroughly acquainted with the property of this company, situated in Grand County, Colorado, consisting of ten twenty acre claims upon a spur of the main mountain range in that county.

It appears to be nearly a solid mountain of minerals. There is a sixty foot tunnel cutting many seams of high grade ore containing lead, zinc, copper, gold and other minerals on the south side of the mountain. On the other or north side of the spur is an eight foot vein which can be traced approximately a thousand feet up over the top. This is in plain view and can be seen for quite a distance by anyone standing below. A short tunnel has been run into this, showing solid ore, very rich in various minerals, principally lead and zinc. To the right of this vein has been opened or uncovered a body of ore about four hundred feet long, which many think extends clear through the mountain and as yet to undiscovered depths.

I am frank to say, after spending two seasons helping to uncover this vast body of ore, that some day this will develop into one of the richest mining properties in Colorado. If handled by a company large enough to take out and mill several hundred tons per day.

In my opinion no other property in the state is better situated as to natural advantages. There is a vast supply of good timber at hand. Water power a half mile away in the rushing St. Louis Creek and a four acre lake of great depth high up in the mountain only a few hundred feet from some of the ore bodies, coupled with the fact that it is a down grade haul all the way to the railroad some twelve or thirteen miles distance.

A big mill on this property will find vast quantities of ore to last a great many years."

The FRASER EXPLORATION AND DEVELOPMENT CORPORATION was incorporated under the laws of Colorado. Capitalization, $1,000,000; shares $1.00 each. Purpose, to explore, develop and and operate the property of the Vasquez Mining Company, a Colorado Corporation. Harry M. Williamson of Denver, Colorado, secured a forty year lease on this property, which called for a royalty of ten percent of the net amount received by the lessee from the sale of ores after deduction of all transportation and final treatment costs. This lease was assigned by the lessee to the Fraser Corporation in exchange for all of the Capital Stock of the Corporation. A control of the stock is held by Harry M. Williamson, President of the company. The first annual report of the company was filed with the Secretary of State, a copy of which accompanies this statement.

Regarding my qualification to direct this enterprise, will say that I have operated Gold, Silver and Fluorspar Mines for a period of over thirty years, holding membership in the American Institute of Mining and Metallurgical Engineers from 1920 to date; managing and operating both owned and leased properties. At the present time I am managing and directing a leased Fluorspar property at Jamestown, Boulder County, Colorado, located about fifty miles from Denver. From 1930 to 1942 I leased and finally purchased the Wano Gold Mine and Mill at Jamestown, paying for same out of ore mined from this property. In 1942 the Government closed down the gold mine which was then in profitable operation. I then leased a Fluorspar property at Jamestown near the Wano and operated same up to 1946, at which time I sold the mill but continued mining the ore under contract, selling the ore to the purchaser of the mill.

From the time of starting operations in 1930 I have been in continuous operation without a shut-down at any time, except for repairs.

During World War II, I entered into a contract with the Metals Reserve Company and the Reconstruction Finance Corporation to furnish Fluorspar, and secured an advance of Fifty Thousand Dollars to carry out same. This advance was paid in full by delivery of Spar as provided in the contract.

From information gathered principally from the files of the Vasquez Mines Company and from the Commissioner of Mines of Colorado, whom I knew personally at the time of his Annual Report in 1929, I am of the belief that this property contains one of the largest bodies of commercial lead, zinc, copper, gold and silver ores in Colorado and can be mined and treated at a minimum cost. Reclamation power and railroad transportation is near at hand.

Respectfully Submitted,

Harry M Williamson

Harry M. Williamson