DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 4109

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

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.

Cys BM, GS
Routing Slip

To:	500	Date	12/30/55
To:	500	Date	1/17/56
To:	Cp. Comm	Date	3/22/56
To:	COM	Date	3-23-56
To:		Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	

DO NOT DETACH

CONTROLLED DOCUMENT

File Copy
Surname
Griswold
Selfridge
Johnson

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

MAR 23 1956

Mr. John C. Landis
Secretary-Treasurer
Millar Mining Company, Inc.
10035 E. Flower Avenue
Bellflower, California

Re: Docket No. DMEA-4109 (Copper-Nickel)
Weland and Eight Spot Claim
San Bernardino County, California

Dear Mr. Landis:

On January 17 and February 21, 1956, we wrote you requesting additional information concerning the cited application.

Since we have had no reply to our letters we must conclude that you have no further interest in this matter. Therefore, your application will be placed in the inactive file and considered as having been withdrawn.

Sincerely yours,

C. O. Mitchell

Administrator

WRGriswold/er 3/22/56
Copy to: Docket
Admr R File
Op. Committee
Base Metals
Mr. Pennington, USBM
Mr. Kiilsgaard, USGS
Chron.
Region II (2)

A.G.R.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION 500
WASHINGTON 25, D. C.

March 22, 1956

Memorandum

To: Chief, Operations Control & Statistics Division

From: Chief, Base Metals Division

Subject: Docket No. DMEA-4109 (Copper-Nickel), Weland and Eight Spot Claim, San Bernardino County, California

The cited Applicant has not replied to two letters requesting additional information. We are therefore writing this company that its application is considered as having been withdrawn.

W R Griswold

W. R. Griswold

File Copy
Surname

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION 500
WASHINGTON 25, D. C.

March 22, 1956

Memorandum

To: Chief, Operations Control & Statistics Division

From: Chief, Base Metals Division

Subject: Docket No. DMEA-4109 (Copper-Nickel), Weland and Eight Spot Claim, San Bernardino County, California

The cited Applicant has not replied to two letters requesting additional information. We are therefore writing this company that its application is considered as having been withdrawn.

W. R. Griswold

W. R. Griswold

WRG/er
Copy to: Docket
Base Metals
Chron.

File Copy
Surname

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

FEB 21 1956

Mr. John C. Landis, Secretary-Treasurer
Hillar Mining Company, Inc.
10035 E. Flower Avenue
Bellflower, California

Re: Docket No. DMEA-4109 (Copper-Nickel)
Weland and Eight Spot Claim
San Bernardino County, California

Dear Mr. Landis:

On January 17, we wrote you requesting additional information concerning the cited application. So far we have heard nothing from you.

Unless we hear from you within the next thirty days, we will be forced to conclude that you have no further interest in this matter. Your application will then be placed in our inactive file and considered as being withdrawn.

Sincerely yours,

W. R. Griswold

W. R. GRISWOLD, Chief
Base Metals Division

WRGriswold/er (2/20/56)
Copy to: Docket
Base Metals
Mr. Pennington, USBM
Mr. Kiilsgaard, USGS
Region II (2)
Chron.

R.S.S.

File Copy
Surname

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

JAN 17 1956

Mr. John C. Landis, Secretary-Treasurer
Hillar Mining Company, Inc.
10035 E. Flower Avenue
Bellflower, California

Re: Docket No. DMEA-4109 (Copper-Nickel)
Weland and Eight Spot Claims
San Bernardino County, California

Dear Mr. Landis:

We have your application, dated December 22, 1955, for Government assistance in an exploration project on the cited property.

Your application is so incomplete that it is impossible for us to make an appraisal of your proposed project. You mention "outcroppings" on your property. What is the nature and form of the outcrop and were samples taken from it for assay? What is the apparent form of the orebody to which you refer? You state that numerous samples of ore were taken from a core drill hole and an analysis made from each sample; yet we received only one assay of copper and of nickel. What were the other assays, and what were the indicated ore widths as noted in the drill cores?

What is the reason for going to the expense of sinking a shaft at the present time, rather than first doing more core drilling to determine if the ore deposit may show indications of being of worthwhile size and grade?

We note your statement that, "no geologic or engineering report is available due to the inability of applicants to employ the services of competent geologists or engineers." We have no desire to require applicants to go to any unnecessary expense, but we must point out that there are times when a modest expenditure for professional advice may result in substantial savings later.

In any event, you must amplify your application along the lines we have noted before we would be able to give it consideration. Please submit the requested information in quadruplicate.

WRGriswold/bjl (1/17/56)
Copy to: ~~Docket~~
Base Metals
Mr. Pennington
Mr. Kiilsgaard
Region II (2)
Chron.

Sincerely yours,

W. R. Griswold

W. R. GRISWOLD, Chief
Base Metals Division

R.C.S.

IN REPLY REFER TO:

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

RECEIVED
JAN 9 1956

January 6, 1956

Memorandum

To: W. R. Griswold, Defense Minerals Exploration Administration

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

Subject: Review of application, DMEA 4109, Hillar Mining Co., Inc., Weland Claim, San Bernardino County, California. $5,690.85 - Copper-nickel.

The applicant requests assistance in extending a 25-foot shaft 66 feet to explore a bed of copper-nickel-bearing volcanic breccia. A core drill hole is supposed to show copper and nickel. Copies of two assay certificates are furnished to support the claim. One shows 1.2% copper and 0.28 oz. of gold, the other 0.73% nickel. One certificate is dated April 11, 1955, the other November 29, 1955, but they may refer to the same sample.

The application fails to give other analyses of the numerous samples of ore reported analysed and no footage is given for the one (or two) samples assayed. Outcroppings are mentioned but no sampling of same is reported.

No information is at hand concerning this property or the "Deering shaft", and a considerable ore body about 1/4 mile to the south. If there are known to be numerous showings of copper-gold ore in the vicinity an examination is probably warranted.

The cost of the proposed work is estimated as:

Shaft 75 feet at $40.00	$3,000.00
Timbers, logging, etc.	240.85
Rental, compressor	500.00
Rental, truck	400.00
Insurance	350.00
Wages, Mr. Larrowe	1,200.00
	$5,690.85

Referral to the Field Team is indicated and so recommended.

N. E. Nelson

N. E. Nelson

IN REPLY REFER TO:

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

RECEIVED
JAN 9 1956

January 6, 1956

Memorandum

To: W. R. Griswold, Defense Minerals Exploration Administration

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

Subject: Review of application, DMEA 4109, Millar Mining Co., Inc., Weland Claim, San Bernardino County, California. $5,690.85 - Copper-nickel.

The applicant requests assistance in extending a 25-foot shaft 66 feet to explore a bed of copper-nickel-bearing volcanic breccia. A core drill hole is supposed to show copper and nickel. Copies of two assay certificates are furnished to support the claim. One shows 1.2% copper and 0.28 oz. of gold, the other 0.73% nickel. One certificate is dated April 11, 1955, the other November 29, 1955, but they may refer to the same sample.

The application fails to give other analyses of the numerous samples of ore reported analysed and no footage is given for the one (or two) samples assayed. Outcroppings are mentioned but no sampling of same is reported.

No information is at hand concerning this property or the "Deering shaft", and a considerable ore body about 1/4 mile to the south. If there are known to be numerous showings of copper-gold ore in the vicinity an examination is probably warranted.

The cost of the proposed work is estimated as:

Shaft 75 feet at $40.00	$3,000.00
Timbers, logging, etc.	240.85
Rental, compressor	500.00
Rental, truck	400.00
Insurance	350.00
Wages, Mr. Larrowe	1,200.00
	$5,690.85

Referral to the Field Team is indicated and so recommended.

N. E. Nelson

N. E. Nelson

NENelson:jeh
G-1/6/56
cc: Director's reading 4212
Branch reading 4212
DMEA (3)
Docket file
H.M.Meyer, 3623
H.W.Davis, 3519

IN REPLY REFER TO:

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

RECEIVED JAN 9 1956

January 6, 1956

Memorandum

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

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

Subject: Review of application, DMEA 4109, Millar Mining Co., Inc., Weland Claim, San Bernardino County, California. $5,690.85 - Copper-nickel.

The applicant requests assistance in extending a 25-foot shaft 66 feet to explore a bed of copper-nickel-bearing volcanic breccia. A core drill hole is supposed to show copper and nickel. Copies of two assay certificates are furnished to support the claim. One shows 1.2% copper and 0.28 oz. of gold, the other 0.73% nickel. One certificate is dated April 11, 1955, the other November 29, 1955, but they may refer to the same sample.

The application fails to give other analyses of the numerous samples of ore reported analysed and no footage is given for the one (or two) samples assayed. Outcroppings are mentioned but no sampling of same is reported.

No information is at hand concerning this property or the "Doering shaft", and a considerable ore body about 1/4 mile to the south. If there are known to be numerous showings of copper-gold ore in the vicinity an examination is probably warranted.

The cost of the proposed work is estimated as:

Shaft 75 feet at $40.00	$3,000.00
Timbers, logging, etc.	240.85
Rental, compressor	500.00
Rental, truck	400.00
Insurance	350.00
Wages, Mr. Larrowe	1,200.00
	$5,690.85

Referral to the Field Team is indicated and so recommended.

N. E. Nelson

N. E. Nelson

NENelson:jeh
G-1/6/56
cc: Director's reading 4212
Branch reading 4212
DMEA (3)
Docket file
R.M.Meyer, 3623
H.W.Davis, 3519

IN REPLY REFER TO:

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

RECEIVED
JAN 9 1956

January 6, 1956

Memorandum

To: W. R. Griswold, Defense Minerals Exploration Administration

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

Subject: Review of application, DMEA 4109, Miller Mining Co., Inc., Weland Claim, San Bernardino County, California. $5,690.85 - Copper-nickel.

The applicant requests assistance in extending a 25-foot shaft 66 feet to explore a bed of copper-nickel-bearing volcanic breccia. A core drill hole is supposed to show copper and nickel. Copies of two assay certificates are furnished to support the claim. One shows 1.8% copper and 0.28 oz. of gold, the other 0.73% nickel. One certificate is dated April 11, 1955, the other November 29, 1955, but they may refer to the same sample.

The application fails to give other analyses of the numerous samples of ore reported analyzed and no footage is given for the one (or two) samples assayed. Outcroppings are mentioned but no sampling of same is reported.

No information is at hand concerning this property or the "Deering shaft", and a considerable ore body about 1/4 mile to the south. If there are known to be numerous showings of copper-gold ore in the vicinity an examination is probably warranted.

The cost of the proposed work is estimated as:

Shaft 75 feet at $40.00	$3,000.00
Timbers, logging, etc.	240.85
Rental, compressor	500.00
Rental, truck	400.00
Insurance	350.00
Wages, Mr. Larrowe	1,200.00
	$5,690.85

Referral to the Field Team is indicated and so recommended.

N. E. Nelson

N. E. Nelson

NENelson:jeh
G-1/6/56
cc: Director's reading 4212
Branch reading 4212
DMEA (3)
Docket file
N.M.Meyer, 3623
N.W.Davis, 3519

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

RECEIVED
JAN 4 1956

January 4, 1956

Griswold

Memorandum

To: W. R. Griswold, Defense Minerals Exploration Administration

From: J. W. Pennington, Branch of Base Metals

Subject: Review of application, Docket No. DMEA 4109 (copper-nickel) Hillar Mining Company, Inc., Buckeye Mining District, San Bernardino County, California; $6,690.85.

The applicant stated that samples of a 91-foot drill core from the property assayed 1.8 percent copper and 0.73 percent nickel; however, he failed to define the area represented by the samples and it is impossible to determine the extent of the mineralization. In addition, he neglected to describe any geological evidence which would be favorable for extensive copper mineralization.

I think the proposed program is weak. Exploration by the 100 foot shaft would provide little information on the size of the deposit, and no provisions are made for analytical costs.

Because of insufficient supporting data and an inadequate exploration program, I recommend denial of this application for exploration assistance in its present form.

J. W. Pennington

J. W. Pennington

Copy to: Division of Minerals
Branch of Base Metals
J. W. Pennington
R. W. Geehan
Thor Kiilsgaard, U.S.G.S.
Files

RECEIVED
JAN 4 1956

January 4, 1956

Memorandum

To: W. R. Griswold, Defense Minerals Exploration Administration

From: J. W. Pennington, Branch of Base Metals

Subject: Review of application, Docket No. DMEA 4109 (copper-nickel)
Hillar Mining Company, Inc., Buckeye Mining District,
San Bernardino County, California; $6,690.85

The applicant stated that samples of a 91-foot drill core from the property assayed 1.8 percent copper and 0.73 percent nickel; however, he failed to define the area represented by the samples and it is impossible to determine the extent of the mineralization. In addition, he neglected to describe any geological evidence which would be favorable for extensive copper mineralization.

I think the proposed program is weak. Exploration by the 100 foot shaft would provide little information on the size of the deposit, and no provisions are made for analytical costs.

Because of insufficient supporting data and an inadequate exploration program, I recommend denial of this application for exploration assistance in its present form.

J. W. Pennington

J. W. Pennington

Copy to: Division of Minerals
Branch of Base Metals
J. W. Pennington
R. W. Geehan
Thor Kiilsgaard, U.S.G.S.
F i l e s

RECEIVED
JAN 4 1956

January 4, 1956

Memorandum

To: W. R. Griswold, Defense Minerals Exploration Administration

From: J. W. Pennington, Branch of Base Metals

Subject: Review of application, Docket No. DMEA 4109 (copper-nickel)
Miller Mining Company, Inc., Bushnye Mining District,
San Bernardino County, California; $6,690.85

The applicant stated that samples of a 91-foot drill core from the property assayed 1.8 percent copper and 0.73 percent nickel; however, he failed to define the area represented by the samples and it is impossible to determine the extent of the mineralization. In addition, he neglected to describe any geological evidence which would be favorable for extensive copper mineralization.

I think the proposed program is weak. Exploration by the 100 feet shaft would provide little information on the size of the deposit, and no provisions are made for analytical costs.

Because of insufficient supporting data and an inadequate exploration program, I recommend denial of this application for exploration assistance in its present form.

J. W. Pennington

J. W. Pennington

Copy to: Division of Minerals
Branch of Base Metals
J. W. Pennington
R. W. Gaskan
Thor Kiilsgaard, U.S.G.S.
F i l e s

RECEIVED
JAN 4 1956

January 4, 1956

Memorandum

To: W. R. Griswold, Defense Minerals Exploration Administration

From: J. W. Pennington, Branch of Base Metals

Subject: Review of application, Docket No. DMEA 4109 (copper-nickel) Hillar Mining Company, Inc., Buckeye Mining District, San Bernardino County, California; $6,690.85

The applicant stated that samples of a 91-foot drill core from the property assayed 1.8 percent copper and 0.73 percent nickel; however, he failed to define the area represented by the samples and it is impossible to determine the extent of the mineralization. In addition, he neglected to describe any geological evidence which would be favorable for extensive copper mineralization.

I think the proposed program is weak. Exploration by the 100 foot shaft would provide little information on the size of the deposit, and no provisions are made for analytical costs.

Because of insufficient supporting data and an inadequate exploration program, I recommend denial of this application for exploration assistance in its present form.

J. W. Pennington

J. W. Pennington

Copy to: Division of Minerals
Branch of Base Metals
J. W. Pennington
R. W. Gaskin
Thor Kiilsgaard, U.S.G.S.
F i l e s

December 30, 1955

Subject: DMEA-4109
Re: Exploration Assistance
Weland & Eight Spot Claims

Hillar Mining Company, Inc.
10035 E. Flower Avenue
Bellflower, California

Gentlemen:

The receipt of your application dated December 22, 1955, for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-4109 and referred to the Base Metals Division.

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

Sincerely yours,

Robert E. Adams, Chief
Operations Control and
Statistics Division

60932

December 30, 1955

Memorandum

To: Executive Officer, DMEA Field Team, Region II.

From: Chief, Operation's Control and Statistics Division

Subject: Assignment of Docket Number

There is listed below the assigned docket number to an application recently received from Region II.

DMEA - 4109 Hillar Mining Company, Inc.

Robert E. Adams
Chief, Operation's Control
and Statistics Division

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

1605 Evans Avenue
Reno, Nevada

December 28, 1955

Memorandum

To: Operating Committee, DMEA, Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region II

Subject: Loan Application (Copper-nickel)
Hillar Mining Co., Inc.
Weland and Eight Spot Claims
San Bernardino County, California

Attached are three sets of MF-103, Application for Aid forms relative to above subject. The fourth set has been retained in our files.

S. Ricker

Attach.

RECEIVED
DEC 30 1955

BUREAU OF MINES
WASHINGTON, D. C.

DEC 30 8 54 AM '55

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

1605 Evans Avenue
Reno, Nevada

December 28, 1955

Memorandum

To: Operating Committee, DMEA, Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region II

Subject: Loan Application (Copper-nickel)
Hillar Mining Co., Inc.
Weland and Eight Spot Claims
San Bernardino County, California

Attached are three sets of MF-103, Application for Aid forms relative to above subject. The fourth set has been retained in our files.

S. Ricker

Attach.

SRicker:gh
cc: R. M. Smith
File

RECEIVED
DEC 30 1955

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

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

Not to be filled in by applicant

Docket No. DMEA-4109
Metal or Mineral Copper - Nickel
Date Received 12/30/55
Estimated Cost $6,690.85
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: Hillar Mining Co., Inc.
10035 E. Flower Avenue
Bellflower, California
Incorporated in State of California

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

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

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

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

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract Buckeye Mining District, San Bernardino County, California. "Weland" Claim, Book 304, Page 220, and "Eight Spot" claim, Book 304, Page 222 - both in office of County Recorder, San Bernardino County, California

(*b*) State any mine name by which the property is known. none

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise owner

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

(*e*) If you own the land, describe any liens or encumbrances on it none

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

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

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades. not known

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

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

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

RECEIVED
DEC 30 1955

16—66551-1

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

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

(*c*) The work will start within 30 days and be completed within 3 months from the date of an exploration project contract.

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

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

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

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

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

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

(*e*) *Rehabilitation and repairs.*—Furnish a detailed list showing the cost of any necessary initial rehabilitation or repairs of existing buildings, installations, fixtures, and movable operating equipment, now owned by the Operator and which will be devoted to the exploration project.

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

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

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

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

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

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

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

Explain in detail on acompanying paper.

CERTIFICATION

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

Dated Dec 21, 1955

Hillar Mining Co Inc.
(Applicant)

By John C Landis, Sec.

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

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

ANSWERS TO QUESTIONS ON APPLICATION FOR AID

UNDER THE DEFENSE PRODUCTION ACT OF 1950

1c. The names and addresses of the officers of the Hillar Mining Company are:

Carroll Weberg, president
Arthur M. Larrowe, vice-president
John C. Landis, secretary-treasurer

The address of each of these being 10035 E. Flower Avenue, Bellflower, California. This address is the law office of the president and secretary.

4a. There is a core drill hole on this property about 91 ft. deep. From this core hole have been taken numerous samples of ore and an analysis made of each sample. Copies of the assays are enclosed herewith showing the assay on copper to be 1.8% and the assay on nickel to be .73%. The applicant then began construction of a shaft adjacent to the core hole and has completed the shaft to a depth of about 25 feet.

The mine workings and the partial shaft are readily accessable from a county highway leading out of the town of Ludlow, California.

4c. A part of the geological features of the property are shown on the attached sketch. The ore bodies of the mineralized zone are made up of volcanic breccia. No complete knowledge is at hand as to the thickness or extent of the ore body but there does exist in the so-called "Deering Shaft" which is located about 1/4 mile south of this particular property an ore body of considerable extent showing gold and copper content. Our reason for wishing to explore is based on the assays taken from the core drill hole and the outcroppings indicated on the surface of this and adjoining properties and the ore bodies shown in the shaft to the south. No geologic or engineering report is available due to the inability of applicants to employ the services of competent geologists or engineers.

4d. An assess road from the town of Ludlow runs directly past the property and is passable at practically all seasons of the year. A flash flood destroyed part of this road but the County immediately reconstructed it. The shipping point for any ore development would be the town of Ludlow 6 miles away where there is a main railroad yard and any supply and residence points would be at the town of Ludlow.

4e. Manpower for the exploratory shaft would be available from the contractor as would materials and supplies and equipment. Water would be hauled in from Ludlow to which town it is shipped on the railroad and power would be furnished by gasoline engines and compressors.

Hillar Mining Co., Inc.
10035 E. Flower Avenue, Bellflower, California

5b. The proposed work would consist of completing the presently existing partial shaft to a depth of 100 feet or more depending on what was discovered in the sinking of the shaft. Reference is again made to the attached sketch.

5d. The applicant corporation consists entirely of 4 individuals who were the previous owners of the two claims. We would expect to have supervision of the operation by Mr. Arthur Larrowe, the vice-president of the corporation, who has had some ten years experience in mining in the area. He has been instrumental in sinking two experimental shafts on adjoining claims and was associated with the operation and management of the "Queen" mine in the same mining district. Mr. Larrowe would supervise the operations in behalf of the company and the actual work would be done by an experienced mining shaft contractor.

6a. It is intended to use an independent contractor, named Fred Santchi of the Rainbow Rock Co., 900 Riverside Drive, Barstow, California, who has agreed to sink a 5 ft. x 7 ft. shaft including all costs of materials, supplies, operating equipment and repairs except as specifically set out herein. He has agreed to do this work at a price of $40.00 per foot of shaft and it is contemplated that 100 feet of shaft will be needed to completely explore the ore body.

6b. The contractor is expected to provide all necessary labor, supervision, and engineering and geological consultants if necessary except that the corporation will provide the services of Mr. Larrowe at a rate of $2.00 per hour figured on an eight hour day for approximately 75 days making a total of $1200.00.

6c. It is contemplated that the corporation will furnish the following equipment and materials in addition to that to be provided by the contractor:

1. Necessary timbers for timbering and lagging, wedges, nails and ladder - estimated costs:

64 railroad ties at $.50	$32.00
400 board ft. 1 x 6 fir	49.20
220 board ft. 2 x 12 fir lagging	54.20
220 lineal ft. 2 x 4 fir	8.60
250 lineal ft. 1 x 4 fir	10.25
50 wedges at $.14	7.00
nails and bolts	5.00
200 lineal ft. 2 x 6	24.60
transportation of above from Barstow	50.00
Total material and supplies to be furnished by the owner corporation	$240.85

Hillar Mining Co., Inc.
10035 E. Flower Avenue, Bellflower, California

6c. It is contemplated that the corporation will be paying rental for a hoist and compressor at $10.00 per day for 50 days actual operaion - $500.00, and for truck rental at $1.00 per hour, 8 hour day, 50 days, estimated use, $400.00. It is also estimated that as a contingency for possible extra timbering costs, liability insurance and safety requirements, the owner corporation will be required to expend the sum of $350.00.

6e. It is not contemplated that there will be any costs in rehabilitation or repairs of existing installations.

6f. It is not contemplated there will be any necessary buildings or installations to be purchased, installed or constructed other than those included in the work of the mining contractor.

6g. The item listed above of $350.00 is estimated as sufficient for any insurance or other possible needs for timbering. It is not contemplated that any expense will be insured for accounting or for assays which will be paid for by the corporation.

6h. See estimate of $350.00 above.

ORE TESTING
SAMPLINGS
and
SUPERVISION OF
ORE SHIPMENTS

Established 1916

Phone
VAndike 9328

ED. EISENHAUER, Jr.

ASSAYER -- METALLURGIST -- CHEMIST

320-322 SOUTH SAN PEDRO STREET
LOS ANGELES 13, CALIF.

Nov. 29/55

Mr. Laroux
Bellflower
California

Subject: Assay of Ore.

Nickel (Ni) .73%

(Duplicate)

Respectfully submitted,

Ed. Eisenhauer

Ed. Eisenhauer, Jr.

Hillar Mining Company
10035 E. Flower Avenue
Bellflower, California

ED. EISENHAUER,
320-322 So. San Pedro St.
Los Angeles 13, Calif.

ASSAY CERTIFICATE

PHONE VANDIKE 9328

Los Angeles, Calif. April 11/55 19

I hereby Certify that the samples described below, received from

W.LaRue assay as follows:

Owner's Mark and Sample	GOLD		SILVER		TOTAL VALUE PER TON	PERCENTAGE OF		
	OZS. PER TON	VALUE PER TON	OZS. PER TON	VALUE PER TON		COPPER	LEAD	ZINC
	.28	$ 9.80			$ $ 18.44	1.2		

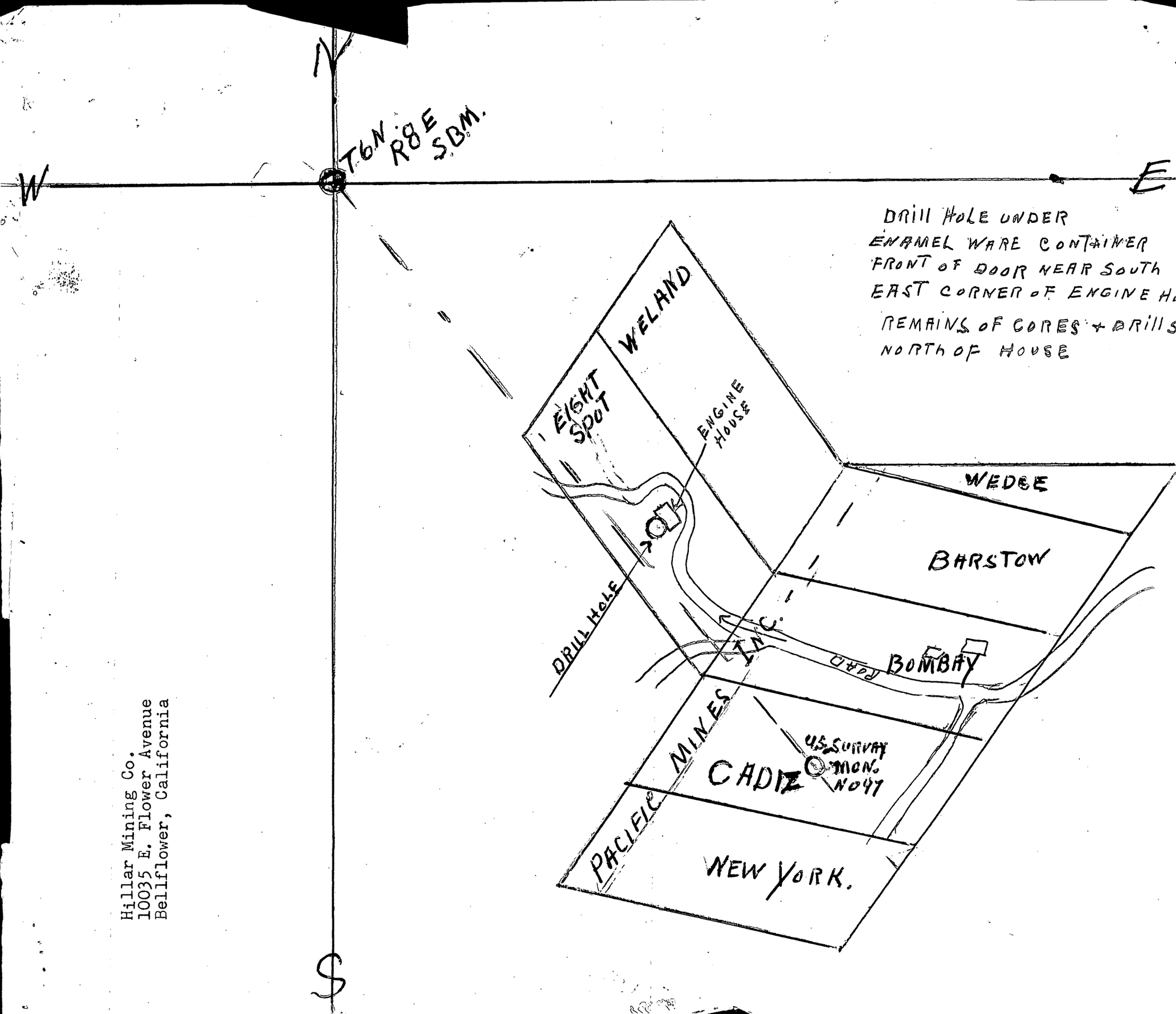
GOLD @ $35 PER OZ.
SILVER @ $ PER OZ.
LEAD @ c.
COPPER @ 36 c.

CHARGES 2.50

Ed Eisenhauer
ASSAYER

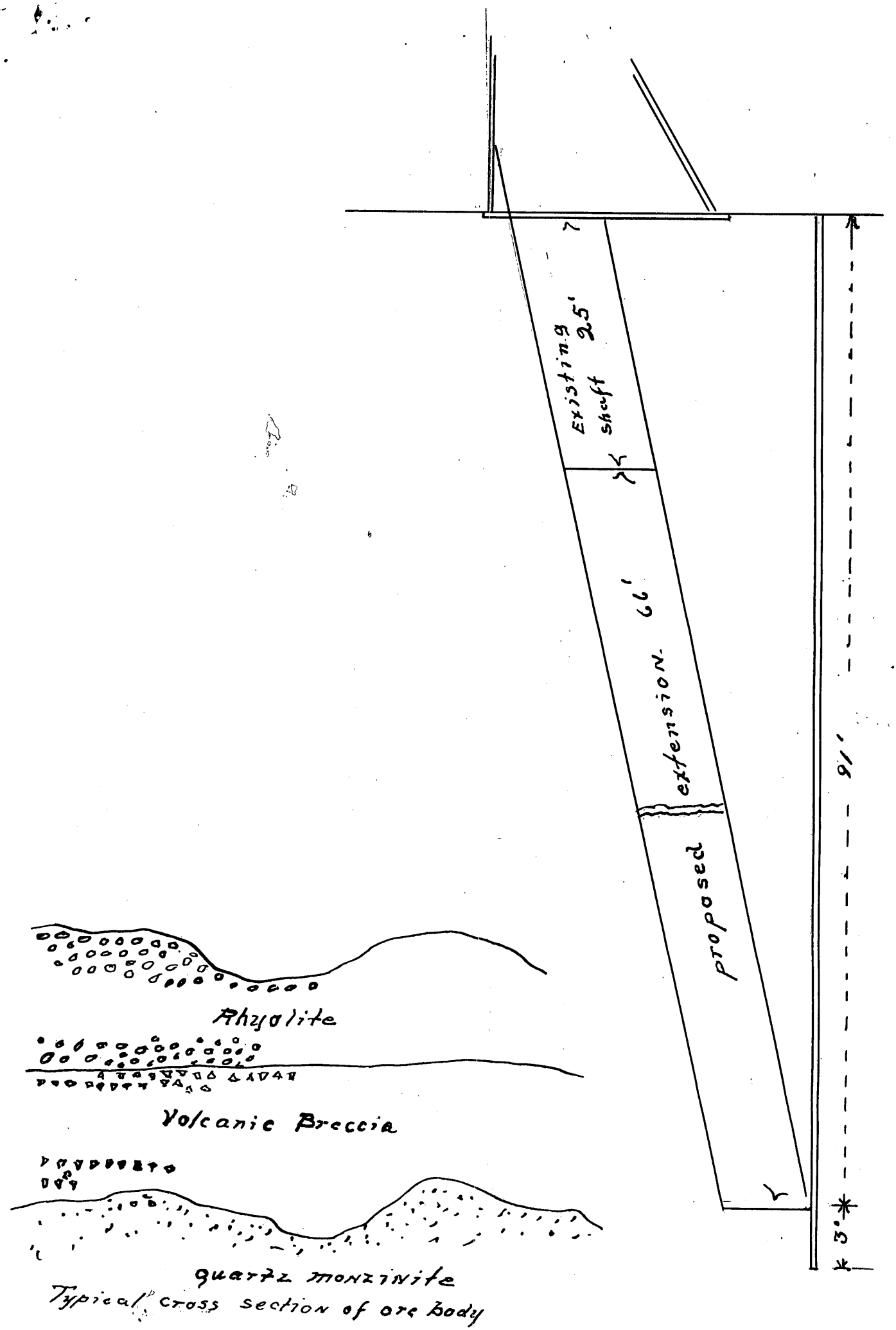
Established 1916

Hillar Mining Co.
10035 E. Flower Avenue,
Bellflower, California



Hillar Mining Co.
10035 E. Flower Avenue
Bellflower, California

RECEIVED
DEC 30 1955



Typical cross section of ore body

RECEIVED
DEC 30 1955