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

January 7, 1960

Memorandum

To: Chief, Operations Control and Statistics Division

From: Chief, Division of Minerals

Subject: Docket No. OME-6008 (Lead-Copper-Zinc)
Silver Lake Mining & Milling, Inc.
Rainbow Claims 1-7
San Bernardino County, California

Will you please withdraw the cited application from the active files. The Applicant has not replied to our letter of December 4, 1959, which required additional information.

JWAlt/gla
cc to: OME Field Team, Region II (2)
Mr. McMahon, USBM
Mr. Kirkemo, USGS
Docket
Chron

Mr. Kilgaard

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

April 21, 1957

Re: [illegible] Pb, Cu, Zn
$100,000
Silver Lake Mining &
Milling Inc.,
Rainbow claims
San Bernardino Co., Calif.

Memorandum

To: W. R. Griswold, Office of Mineral Exploration

From: Commodity Specialist, Branch of Base Metals

Subject: Review of application dated February 17, and received in Washington February 2[illegible], 1957

The applicant holds a lease on seven unpatented claims on which two veins crop out. The applicant applies for OME assistance in a exploratory project to construct an access road, trench the veins and drill 50 vein intersections at a depth of 200 feet beneath the outcrops.

Incomplete and overly generalized information prevents precise appraisal. Certain naive statements in the application cast doubt on the responsibility of the applicant to conceive and execute an acceptable program. However, judgement should await a report from the field team.

H. M. Calloway

H. M. Calloway

April 20, 1959
Re: OME 6008
Silver Lake Mining & Milling, Inc.
Rainbow Claims
San Bernardino County, Calif.
Appl. Est. $106,352
Lead-Copper, Platinum

Memorandum

To: W. R. Griswold, Office of Minerals Exploration

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

Subject: Review of application

The applicant requests assistance in exploring, by 50 two-inch, 200-foot wagon drill holes and an unspecified footage of drifts, shafts, bulldozing, etc., 2 veins from which 5 samples were taken and 3 assayed. As shown on a map, the veins are from about 1,800 to 3,000 feet long and up to 15 feet wide. Exploration consists of 2 open cuts, 2 trenches, and 2 10-foot shafts.

From 2 adjoining properties, small shipments appear to have been made. An assay certificate lists three samples, only one of which, unless 2 are representative of large tonnages, indicates ore grade material. Only traces of copper were detected in the 3 samples, the principal values, except for one good grade lead sample, being in gold and silver.

The work program is not detailed but is to take one year and cost $106,352.

Judging by the data afforded the program is not warranted. Unless, based on information available to it, the Field Team considers an examination justified, I recommend that the application be denied.

N. E. Nelson

cc: OME (3)
O.M. Bishop, 3620
Director's reading
Branch reading
Chron. file
Docket file
NENelson/mm
G-MD-4-20-59

40

Budget Bureau No. 60-R368 6008
Approval expires Dec. 31, 1963

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

APPLICATION FOR FINANCIAL ASSISTANCE IN MINERALS EXPLORATION

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

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

SILVER LAKE MINING & MILLING, INC.
2623 HYPERION AVENUE
LOS ANGELES, 27, CALIFORNIA

FEB 25 1959 O.M.E.

APPLICANT DO NOT USE THIS BLOCK

DOCKET NUMBER: OME 6008

DATE RECEIVED: Reno 2/20/59 2·25·59

REGION: II

DIVISION CODE: 500

BUSINESS ORGANIZATION *(Check one)*

- INDIVIDUAL [ ]
- CORPORATION [X]
- PARTNERSHIP [ ]
- OTHER *(Specify)* [ ]

STATE IN WHICH FIRM IS ORGANIZED: NEVADA

LIST CORPORATE OFFICERS OR PARTNERS HERE, IF APPLICABLE

NAME	ADDRESS	TITLE
William R. Long	12707 Matteson Ave. Los Angeles 66	Pres & Dirctr.
Chester D Baker	14759 Polk St. San Fernando Cal.	Sec-Trsr " "
Mitchell G. Kova	5450 Radford Ave. No. Hollywood.	Vic-pres " "
William Fritzshe	3900 Durham Pl. Pasadena 3 Cal.	ASST-sec " "
Roy Johnson	1755 West 253rd St Lomita Cal.	Director

MINERAL(S) FOR WHICH YOU WISH TO EXPLORE: LEAD, COPPER, ZINC, PLATINUM GROUP METALS

ESTIMATED COST OF PROJECT: $ $100,000.00

PROPERTY NAME	LOCATION COUNTY	STATE
RAINBOW GROUP ONE THRU SEVEN	SAN BERNARDINO	CALIF.

GENERAL INSTRUCTIONS

Before filling out this application, please read the *OME Regulations for Obtaining Federal Assistance in Financing Explorations for Mineral Reserves* (30 CFR Chap. III). To assure prompt action, your application must provide all applicable material and information specified on the back of this application form. Avoid unnecessary correspondence and delays by submitting complete and accurate information. *Please submit four copies of this application and all accompanying papers* except as otherwise noted. Place your name and address on each sheet. Each item of information, maps, and reports required as a part of this application is described on the back of this form. Identify each attached statement by the item number to which it applies. If an item does not apply to your application, show the item number on your statement and after it write "not applicable." Maps or sketches should be used to supplement narrative descriptions of the property location and boundaries in item 2, existing mine workings and geology in item 3, and the proposed exploration work in item 5. When this information is not too complex, all of it may be shown on one map or sketch. All documents and other attachments submitted as a part of this application, except those in item 3(g) which you mark to be returned, become the property of the Government and will not be returned to the applicant. Send true copies, *not originals*, of leases, contracts, and other documents which are an essential part of your business records. *File this application with the Office of Minerals Exploration, Department of the Interior, Washington 25, D. C., or with the nearest OME Field Office.*

CERTIFICATION

The undersigned, whether as an individual, corporate officer, partner, or otherwise, both in his own behalf and acting for the applicant, certifies that the information set forth in this form and accompanying papers is correct and complete, to the best of his knowledge and belief, and that he would not ordinarily undertake the proposed exploration under current conditions and circumstances at his sole expense.

Feb. 17, 1959
DATED

SILVER LAKE MINING & MILLING, INC.
William R. Long
BY *(Signature)*

William R. Long, President
TITLE

A wilfully false statement or certification to any Department or Agency of the United States Government is a criminal offense. U. S. Code, Title 18, Sec. 1001.

INFORMATION REQUIRED WITH THIS APPLICATION

1. Financial Eligibility:

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

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

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

2. Applicant's Rights in Land:

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

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

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

3. Physical Description:

(a) Describe in detail and illustrate with maps or sketches all mining or exploration operations which you know have been or are being conducted upon the land. Include existing mine workings and all production facilities.

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

(c) State, if you know, the past and current production, supporting your statement with copies of settlement sheets, mine records, or published data if available.

(d) Describe known ore reserves, giving quantities and grades and sampling methods used. Support your statement with copies of assay certificates and assay maps if available.

(e) Describe by narrative and maps or sketches the geologic features of the property, including ore minerals, geologic formations if known, and type of deposit (vein, bedded, etc.).

(f) State your reasons for expecting to find ore, and if you have sampled the area you propose to explore, show where the samples were taken, describe sampling methods used, and provide copies of assay certificates.

(g) Send with your application at least *two* copies of all geologic or engineering reports, assay maps, or technologic information which you have, indicating whether you require their return.

4. Accessibility of Property:

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

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

5. Exploration Work:

(a) Describe fully the proposed exploration work giving individual footages and sizes of openings *for each item of work.* Use narrative, maps, plans, and sections as necessary. Show location of the proposed work as related to geologic features such as veins, ore-bearing beds, contacts of rock formations, etc. Show also the relation of the proposed work to any existing mine workings and to *land boundaries* or to the closest identifiable corner.

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

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

6. Experience:

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

7. Estimate of Costs:

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

(a) Independent contracts. State the total cost of any proposed independent contract for all or any part of the work, and the number of units and the unit cost for each type of work, such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, or per cubic yard of material moved. Cost estimates should be supported by bids from three contractors if possible. (*Note*—If none of the work is to be contracted, write "none" after this item.)

(b) Personal services. The cost of supervision, engineering and geological services, outside consultants, and labor should be itemized by numbers and classes of employees; rates of wages, salaries or fees; and periods of employment. State whether these services are available.

(c) Operating materials and supplies. List items of material and supplies giving quantity and cost of each. Include under this heading power, water, and fuel, and units of equipment and tools costing less than $50 each.

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

(e) Initial rehabilitation and repairs. Describe the type and the cost of *initial* rehabilitation or repair of existing buildings, fixtures, installations (exclusive of mine workings), and movable operating equipment now owned by the applicant which will be used in the exploration work.

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

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

INT.-DUP. SEC., WASH., D.C. 48740

[illegible] g. [illegible] [illegible] [illegible] • [illegible]

Mr. S. Ginter, Executive Officer
OMS Field Team, Region II
1603 Sumpe Avenue
Reno, Nevada.

Feb 17, 1999.

Dear Mr. Ginter:

Re: Silver Lake Mining & Milling, Inc.

We are [illegible] of participate in the New OMS program,

In fact the [illegible] the [illegible].

Therefore enclosed are:

1) A [illegible] of the OMS form 60,
2) Financial [illegible] statement,
3) [illegible] of the lease on the property submitted.

May we know at [illegible] how long it takes to be granted such [illegible].

Cordially yours,

William E. Long, pres.
Silver Lake Mining & Milling Inc.

[illegible]

[illegible] Number 1-[illegible] [illegible] [illegible]

RECEIVED [illegible]
DATE [illegible]

[illegible] ELIGIBILITY [illegible]

[illegible] LAKE KOHLER & WILLIAM, INC.
[illegible] Angeles, Cal.

Sec. 1(b)

[illegible] made by [illegible]

[illegible]

[illegible] of Volume

[illegible] June, [illegible]

[illegible] large [illegible]

[illegible] was [illegible]

[illegible] Lorem Designs Co. [illegible]

[illegible] Mr. Lorem very [illegible]

[illegible] private or public, to get [illegible]

[illegible] an application to the proper

[illegible] opportunity.

[illegible] or sources approached even

[illegible] we file and we accept a written application, as they

[illegible] a [illegible] process.

SILVER LAKE KOHLER & WILLIAM INC.

William R. Long, [illegible]

1605 Evans Avenue
Reno, Nevada

February 11, 1959

EXTRA COPY O. M. E. RECEIVED FEB 25 1959		
DATE	INITIALS	CODE

Mr. William R. Long
Silver Lake Mining & Milling, Inc.
2629 Hyperion Avenue
Los Angeles 27, California

Dear Mr. Long:

Enclosed is a copy of the Office of Minerals Exploration's regulations for obtaining Federal assistance in financing exploration for mineral reserves (30 CFR Chap. III). We are also enclosing five copies of "Application for Financial Assistance in Minerals Exploration" (MME Form 40), in case you wish to participate in the OME program.

If you wish to have your previous DMEA application considered under the OME regulations, you should complete and return four copies of the new MME Form 40. You need not re-submit the data which accompanied your previous DMEA application. You should, however, furnish requested information under Item I, Financial Eligibility, and you should note that your signature on the new form certifies that you would not ordinarily undertake the proposed exploration at your sole expense under current conditions or circumstances. We should also have a copy of the lease referred to under property rights in your DMEA application.

If you do not wish to participate in the new program, we shall appreciate being so informed.

Very truly yours,

cc: RMSmith
File
Chron

S. Ricker
Executive Officer
OME Field Team, Region II

Attachments
Copy to: Mr. Mitchell G. Kovalski
5450 Radford Ave., N. Hollywood, Calif. (with forms)

Form MF—103
Revised Feb. 1957

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42—R1035.3
Approval expires June 30, 1958

APPLICATION FOR AID IN AN EXPLORATION PROJECT

PURSUANT TO DMEA ORDER I, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

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

SILVER LAKE MINING & MILLING INC.
2629 HYPERION AVENUE
HOLLYWOOD, 27 CALIFORNIA

FEB 25 1959
O.M.E.

APPLICANT NOT TO USE THIS BLOCK

Docket Number

Date Received Reno 7/8/58

Government Participation %

Region

Division Code

BUSINESS ORGANIZATION (Check one)

- Individual [ ]
- Corporation [X]
- Partnership [ ]
- Other (Specify) [ ]

State in which firm is organized NEVADA

LIST CORPORATE OFFICERS OR PARTNERS HERE, IF APPLICABLE

Name	Address	Title
WILLIAM R. LONG	12707 HATTERSON AVE. L. A. 66	Pres
CHESTER D. BAKER	14759 POLK ST. SAN FERNANDO CAL.	Sec Treas
WILLIAM FRIEDECKER	3900 DURHAM PL. PASADENA 3 CAL	Asst S Tr
MITCHELL EDWA	5450 BARFORD AVE. NO. HOLLYWOOD	Vice Pres

Mineral(s) for which you wish to explore
COPPER, LEAD & PLATINUM GROUP METALS

Estimated Cost of Project
$ 126,552

LOCATION OF PROPERTY

Name	County	State
RAINBOW CLAIMS ONE three SEVEN	SAN BERNARDINO	CALIF.

GENERAL INSTRUCTIONS

Before filling out this application, please read DMEA Order—I, Amended, "Government Aid in Defense Exploration Projects." To assure prompt action, your application must provide all applicable material and information specified on the back of this application form. Avoid unnecessary correspondence and delays by submitting complete and accurate information. *Please submit four copies of this application and all accompanying papers* except as otherwise noted. Place your name and address on each sheet. Each item of information, maps, and reports required as a part of this application is described on the back of this form. Identify each attached statement by the item number to which it applies. If an item does not apply to your application, show the item number on your statement and after it write "not applicable." Maps or sketches should be used to supplement narrative descriptions of the property location and boundaries in item 1, existing mine workings and geology in item 2, and the proposed exploration project in item 4. When this information is not too complex, all of it may be shown on one map or sketch. All documents and other attachments submitted as a part of this application, except those in item 2(g) which you mark to be returned, become the property of the Government and will not be returned to the applicant. Send true copies, *not originals,* of leases, contracts, and other documents which are an essential part of your business records. *File this application with the Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest DMEA Field Office.*

CERTIFICATION

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

SILVER LAKE MINING & MILLING, INC.

JUNE 19 1958

William R. Long
BY (Signature)

PRESIDENT
Title

A wilfully false statement or certification to any Department or Agency of the United States Government is a criminal offense. U. S. Code, Title 18, Sec. 1001.

INFORMATION REQUIRED WITH THIS APPLICATION

1. *Applicant's Property Rights:*

(a) State the legal description (section, township, and range; metes and bounds; patent number of claims) of the land upon which you wish to explore and all land adjacent to the proposed project area which you own or control. Describe any part of the project land or workings which should not be subject to Government lien for royalty payments. If the land consists of unpatented claims, state the book and page number for each recorded location notice, including amended locations, and the place where recorded (courthouse, recorder's office, county, and state).

(b) State all the names by which you know the property.

(c) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise. If you are not the owner, submit with this application one exact copy of the lease, contract, or other document (with address of owner) under which you control the property.

(d) Describe all liens, mortgages, or other encumbrances on the property.

2. *Physical Description:*

(a) Describe in detail and illustrate with maps or sketches all mining or exploration operations which you know have been or are being conducted upon the lands, including existing mine workings. Describe all production facilities.

(b) State your interest, if any, in operations stated in 2*(a)*.

(c) State, as far as you know, the past and current production, supporting your statement with copies of settlement sheets, mine records, or published data if available.

(d) Describe known ore reserves on the property giving quantities and grades and sampling methods used, supporting your statement with copies of assay certificates and assay maps if available.

(e) Describe by narrative and maps or sketches the geologic features of the property, including ore minerals, geologic formations if known; and type of deposit (vein, bedded, etc.).

(f) State your reasons for expecting to find ore, and if you have sampled the area you propose to explore, show where the samples were taken, describe sampling methods used, and provide copies of assay certificates.

(g) Send with your application at least *two* copies of all geologic or engineering reports, assay maps, or technologic information which you may have, indicating on each whether you require its return to you.

3. *Accessibility of Project:*

(a) To aid DMEA representatives who may be required to examine the property, state the name and address of the person who will meet the DMEA representative; give directions for reaching the property; and describe accessibility of the property including the mine workings.

(b) Name the shipping and supply points and places where employees reside and state the distances between them and the property.

4. *The Exploration Project:*

(a) Describe fully the proposed exploration project giving individual footages and sizes of openings *for each item of work.* Use narrative, maps, plans, and longitudinal and cross sections as necessary. Show the location of the proposed work as related to geologic features such as veins, ore-bearing beds, contacts of rock formations, etc. Show also the relation of the proposed work to any existing mine workings and to *property boundaries* or to the closest identifiable corner.

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

(c) In the event that an exploration contract with DMEA is executed, how soon will the work start and how many months will be required to complete it? State your anticipated average daily or monthly rate of progress for each type of work.

5. *Experience:*

State your operating experience and background with relation to your ability to carry out this exploration project, and also that of the person or persons who will supervise the operations.

6. *Estimate of Costs:*

Furnish detailed estimates of the costs *for each item of the work proposed in 4(a)* under the headings listed below with a total for each heading and the estimated total cost of the project. Costs for any work to be performed by an independent contractor should be shown separately under category *(a)* below. Costs for any work that is not to be performed by an independent contractor should be given in detail under categories *(b)* through *(g)*.

(a) Independent contracts. State the cost of any proposed independent contract for the performance of all or any part of the work, expressed in units of work, such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, per cubic yard of material moved. Cost estimates should be supported by bids from three contractors if possible. *(Note.* – If none of the work is to be contracted, write "none" after this item.)

(b) Personal services. For necessary supervision, engineering and geological services, and labor, include an itemized schedule of numbers, classes, rates of wages, salaries or fees, and periods of employment. State whether these technicians and employees are available.

(c) Operating materials and supplies. List items of material and supplies with their cost. Include under this heading power, water, and fuel, and units of equipment and tools costing less than $50 each.

(d) Operating equipment. List items of operating equipment to be used giving specifications and indicating how each item is to be acquired – i.e., rented, purchased, or provided by the applicant. If it is rented or purchased, state the estimated rental or purchase price. If it is to be furnished by the applicant, give its present fair market value.

(e) Initial rehabilitation and repairs. Describe the type and the cost of necessary *initial* rehabilitation or repair of existing buildings, fixtures, installations (exclusive of mine workings), and movable operating equipment now owned by the applicant, which will be used on the exploration project.

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

(g) Miscellaneous. For the operating equipment listed in 6*(d)*, describe the type and estimate the cost of repairs and maintenance expected during project operations. Do not repeat initial repairs listed in 6*(e)*. Show also the costs of analytical work, accounting, workmen's compensation and employees' liability insurance, payroll taxes, and other required costs that do not fall within the previous categories.

Note – 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)* State whether you are prepared to furnish your share of the cost of the proposed project in accordance with the regulations on Government participation stated in Sec. 7 of DMEA Order–I, Amended.

(b) Explain to what extent you propose to furnish your share of the costs by providing money, by use of equipment owned by you, or otherwise.

* * * * *

INT.-DUP. SEC., WASH., D.C. 15539

EXTRA COPY
O. M. E.
RECEIVED FEB 25 1959

DATE	INITIALS	CODE

DMEA APPLICATION

Silver Lake Mining & Milling Inc.
2629 Hyperion Avenue
Hollywood, 27. California

1. Applicant's Property Rights:

(a) Rainbow Claims #1 thru #7. Located in San Bernardino County, Calif. T. 14 N. R. 7 E. Portions of Sec. 26 and 27. Recorded as shown on Map 1A. Also shown on same map are adjacent 4 Blue Bell Calims & 2 Little Mike Claims under lease by SILVER LAKE, which 6 claims are not to be subject to liens & royalty payments to the Government.

(b) Known only as Rainbow Group.

(c) SILVER LAKE lessee only. Owner is Ed Hollarn. 927 Ocean Ave. Santa Monica, Calif. "Annual Proof of Labor" form is hereby supplied to show the present good standing of the property. Also "Owners Consent of Lien" is enclosed. The actual lease is not included but will be sent in later, as it is being revised at the moment, to be based upon tonnage mined instead of royalty payments.

(d) None.

2. Physical Description:

(a) Map 1A shows the extent of present exploration on the Rainbow Claims. However, the Blue Bell property to the south has had an extensive mining history. Some of the workings go back to the period when high grade ore was shipped all the way to Swansea, Wales. Since then various operations shipped to Salt Lake & to Arizona smelters when the price of the ores allowed it. As recently as 1952, Mr. W. Long, president of SILVER LAKE, had shipped considerable tonnage of lead and silver to the Nic-L-Silver Battery Co. As the map suggests,

EXTRA COPY
O. M. E.
RECEIVED FEB 25 1959
DATE | INITIALS | CODE

DMEA APPLICATION

Silver Lake Mining & Milling Inc.
2629 Hyperion Ave. Hollywood, 27. Calif.

there are about a thousand feet of shafts, tunnels, and drifts on the Blue Bell and all of them on ore. Extensive open pit operations are capable of being worked for Lead, Copper, Silver, Bismuth & Fluorspar. The Little Mike claims to the east have uncovered, worked & shipped good grade lead & copper. Ore bodies opened up & worked on both the Blue Bell & the Little Mike outcrop in many places on the Rainbow group. As shown on Map 1A, 2 veins, up to 15 feet in width, traverse the claims. It is the intent to bulldoze access roads & wagon drill sites to test the extent in width, length & richness of these veins with wagon drillsholes of 200 ft. depth & by trenching from the surface with a bulldozer wherever permissable by the terrain. Also, samples have been taken, as attached assay reports show, at the various open cuts & shafts, shown on Map 1A by star.

(b) None in the Rainbow Claimes, except as being now assumed by the lease. We likewise hold leases on the Blue Bell & Little Mike Claims.

(c) None available - only the information shown on Map 1A and assay sheets.

(d) See Map 1A which shows two mineralized veins, one traversing almost 3 claims, and another two claims. Sampling proceedure was across the full face of ore exposed in each of the cuts & shafts shown.

(e) The Rainbow Claims lie north of the Blue Bell and west of the Little Mike claims, and stretch over a series of hills cresting at 2500 ft. The terrain is steep and broken

by mineralized dykes striking in an easterly and westerly direction. The largest of these dykes being about 15 ft. wide and 700 ft. in length. The mineralization occurs in both the limestone and quartzsite in veins varying in width thru beddings of Rhyolite and Tuffa. Phorphory dykes paralleling the limestone and quartzsite are mineral bearing, carrying the sulphide of Copper, Iron, & Chalcapyrite. Mineralization on the Rainbow claims appears to be more constant than on either the Bleu Bell or the Little Mike claims, where the mineralization appears to be in beds and pockets of several thousand tons each, and connected only by a stringer or narrow vein thru the rhyolite.

(f) The Rainbow group lies between two proven properties - the Blue Bell & the Little Mike. Ore bodies opened up on both of these properties outcrop in numerous places on the Rainbow group. Also, many north & south cross dykes are apparent between the easterly - westerly veins & go all the way to the Little Mike & Blue Bell known ore bodies.

(g) None available.

3. <u>Accessibility of Project:</u>

(a) William R. Long will meet DMEA Representatives at the Silver Lake Mining & Milling Co.'s Mill, at Silver Lake, Calif., 8 miles north of Baker. The property is reachable by a pleasure car over 5 miles of good dirt road from Hiway #91.

(b) Shipping point U. P. Railroad Mannix California, 32 miles from property.

Supply Point Barstow 64 Miles.

DMEA APPLICATION
Silver Lake Mining & Milling Inc.
2629 Hyperion Ave. Hollywood, 27. Calif.

3. (b) cont. Employees Residence, Baker Calif., 11 miles.

4. <u>The Exploration Project:</u>

(a) Fifty 200 foot holes, 2 inches in diameter, will be drilled. The mineralized veins will be opened up by trenching with bulldozer, drilling and blasting. Wherever access roads cross the several mineralized veins, advantage will be taken of the terrain by trenching downhill easterly along such veins. The general extent of the mineralized veins are shown on the accompaning map. As new mineralized zones are opened up, they will be explored by drifts 4 x 6 feet or by shafts sunk 6 x 6 feet. See map for boundary markers, clearly defined by existing monuments.

(b) Access roads will be built from existing roads starting at NE corner of Little Mike #1 terminating at SW corner of Rainbow #1. Spurs to Rainbow #3 & #7 will also be constructed. Total length between 9 and 12,000 feet. Terrain is such that bulldozing generally will suffice, with some drilling and blasting necessary of extremly difficult areas. See map for general road sites.

(c) The work will start immediately upon execution of contract and should be completed within one year. Anticipated monthly progress is difficult to estimate, however it is assumed that at least one 200 foot wagon drill hole of 2 inch diameter will be drill per week, as well as 50 feet of trenching along the several known veins. Persistent exploration of newly discovered ore will also be done along with the road building and bulldozing to the wagon drill sites. It is conceivable that the road building & wagon drilling program may be concluded in

DMEA APPLICATION
Silver Lake Mining & Milling Inc.
2629 Hyperion Ave. Hollywood 27. Calif.

three or four months, if that were the only project to be pursued. However, the drifts, tunnels or shafts, which will be part of the proceedure and which shall continue after the drilling is completed, will ultimately be consuming most of the time.

5. **Experience:**

Mr. William Long had 3 years at Queens College, Toronto Canada as a Minerologist. Spent twenty-two years in mining, milling, and as a consulting minerologist in Arizona & Calif. Designed & built a flotation mill for Calif. Silver Corp., at Silver Lake Calif. Also designed & built a Cyanide Mill at Tecate, Lower Calif. for Radio Chemical Corp. Redesigned and rebuilt a uranium mill for Verdi Development Co. at Mojave Calif. converting it from sulphuric acid leeching carbonate leeching. Served 7 months on the Kaiser, Iron Mountain, wagon drilling program. Four years with Engineers Syndicate as consulting minerologist. Did considerable mining in the Baker & Death Valley areas & discovered several good grade & extensive mineral deposits.

6. **Estimate of Costs:**

(a) Not applicable

(b) Personal services.

1 Supervisor	-	- $ 850 per month
2 Drillers	6 @ $20.00 per diem	- $ 960 per month
3 Miners	- @ $18.00 per diem	- $1296 per month
1 Bull Dozer operator	- @ $22.50 per diem	- $ 540 per month
1 Trucker	-- @ $20.00 per diem	- $ 480 per month

DMEA APPLICATION
Silver Lake Mining & Milling Inc.
2629 Hyperion Ave. Hollywood, 27. Calif.

1 Maintenance - @ $22.50 per diem - $ 540 per month
man

-$ 4,766 per month
-$57,192 per year
Engineering & Geological Services-$ 1,750 per year
$58,942 per year

58,942
6,000
4,700
4,850
31,860
106,352

(c) Operating materials and supplies.

Gasoline & Diesel Fuel-$500 per month-$6000 per year
Powder Caps & Fuses

(d) Mining Equipment Owned by SILVER LAKE

Joy Wagon Drill and Compressor	Value - $ 21,500
Ingersol Rand Compressor	$ 7,500
Jack Hammers - 3	$ 2,400
Stopers - 2	$ 1,600
Steel, Bits, Air Hose, etc.	$ 1,500
Jeep	$ 1,500
Dump Truck	$ 1,200
3/4 ton International pickup truck	$ 1,500
50 ton Gravitation Mill - not installed	$ 50,000
35 ton Whiting Smelter - installed	$ 15,000
2 Electrical Generating plants	$ 4,500
Laboratory and assaying equipment	$ 5,000
87 Tungsten Carbide insert Bits for the Wagon Drill	$ 2,175
Total Assets	$115,375

50 ton Flotation Mill Leased from California Silver Corp. ready to operate at 50¢ per ton rental (not counted as a cash asset) $ 65,000

(e) Initial rehabilitation and repairs.

Repair existing building roofs

Install window screens

Connect water $ 2,500.00

Install air conditioning

DMEA APPLICATION
Silver Lake Mining & Milling Inc.
2629 Hyperion Ave. Hollywood, 27. Calif.

2,500

Repair 1½ ton truck motor and general work $ 500

Check and generally overhaul Wagon Drill $1000 (perfect when last worked)

Install clutch in Ingersol Rand Compressor $ 750

Total - ~~$4750~~

(f) New Administration and Laboratory Building

15 x 30 foot frame construction

Lights, air conditioning and Plumbing

Laboratory tables

Domestic Water tank

Total - $4,850

~~Total - $4,850.~~

(g) Miscellaneous

Ordinary truck, jeep and pickup repairs & overhauls, tires	- per month	$ 250
Jack Hammers, wagon drill and steper, repairs & overhauls	- per month	$ 80
Analytical	- per month	$ 750
Accounting	- per month	$ 450
Taxes and insurance	- per month	$ 325
Rental of Bulldozer	- per month	$ 500
Rental of Skip Loader	- per month	$ 300
		$2655 per month
		$31,860 per year

7. (a) We are prepared to furnish our share of the cost.

(b) The mining equipment listed in 6H amounting to $115,375 will constitute our proportionate share.

THE EISENHAUER LABORATORIES
316-322 South San Pedro Street
Los Angeles 13, California

ASSAY CERTIFICATE

PHONE VANDIKE 9928

Los Angeles, Calif. Feb. 7/58 19

I hereby Certify that the samples described below, received from E. Hollarn 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
#1	.10	$ 3.50	.88	$ .79	$ 6.24	trace	.75	
#2	.09	$ 3.15	3.14	$ 2.83	$53.41	trace	18.25	
#3	.04	$ 1.40	1.06	$ .95	$ 4.43	trace	.80	

EXTRA COPY
O. M. E.
RECEIVED FEB 25 1959

DATE	INITIALS	CODE

GOLD @ $ 35 PER OZ.
SILVER @ $ .90 PER OZ.
LEAD @ 13 c.
COPPER @ .24 c.

CHARGES

ASSAYER

Established 1916

DMEA APPLICATION
Silver Lake Mining & Milling Inc.
2629 Hyperion Ave. Hollywood, 27. Calif.

1 Maintenance - @ $22.50 per diem - $ 540 per month
man

-$ 4766 per mon

Engineering & Geological Services-$ 1750

"OWNERS CONSENT TO LEASE"

TO WHOM IT MAY CONCERN.

1. This is to certify that the owners of the "Rainbow Claims" ;(numbered one (1) to seven (7), located 12 January 1956, in the Soda Mountains, San Bernardino County, Calif. T14N - R7E. San Bernardino Base & Meridian; approx Sections 25 and/or 26; Recorded San Bernardino County, Book 382, P341, P345, P 347, P 361 & Book 763 P470, P474 Book 390, P95, Book 401, P462 & Book 411, P538) do hereby give written consent to the Silver Lake Mining & Milling Co. 2629 Hyperion Ave, Hollywood, 27 , California as lessees of said claims; to obtain an exploration grant; for development under the terms of "The Defense Minerals Exploration Program"; assuring the Government that in the event that ore is discovered and the property developed, the Government will receive its royalties as required.

2. If no commercial deposits are discovered, or in event they are discovered but not worked there is no obligation on the part of the owner to pay anything to the Government and that the Government's claim relates only to the net proceeds of sales from production from the said claims; in accordance with the sliding scale, as provided in the DMEA order -1 Amended, until the amount of the grant is repaid to the Government.

3. That the owners of the property wil be furnished copies of all reports and records made to the DMEA.

4. That the "exploration Grant" in the form of a contract with the Government concerns that area from which production is subject to royalty payments to the Government, is the area described in the contract, and that no obligation exists to repay the Government out of any other source or from any other mines.

Aline J. Hollarn
ALINE J. HOLLARN

Edward F. Hollarn
EDWARD F. HOLLARN

927 Ocean Ave.,

Santa Monica, Calif.

EXTRA COPY
O. M. E.
RECEIVED FEB 25 1959

DATE	INITIALS	CODE

BOOK 411 PAGE 538

Proof of Annual Labor

DMEA Application by Silver Lake Mining & Milling Co 2629 Hyperion Ave Hollywood 27, Calif

LODE OR PLACER[1]

STATE OF California
COUNTY OF ~~Los Angeles~~ } ss.

Edward F. Hollarn, being first duly sworn, deposes and says:

(1) At least ~~Seven Hundred~~ ($ 700.00) Dollars[2] worth of labor or improvements was performed or made during the assessment year beginning 12 o'clock noon of the first day of July, 1957 and ending on 12 o'clock noon of the first day of July, 1958 upon the Rainbow Claims 1,2,3,4,5,6, &7, all continuous recorded Book 401 page 462 Stock-piling of ore and development concentrated on Rainbow Claim No. 5.

EXTRA COPY
O. M. E.
MAIMD FEB 25 1958

DATE	INITIALS	CODE

Mining Claim~~s~~ situated in the Soda Mountain Mining District, County of San Bernardino, State of California.

(2) Such expenditure was made by or at the expense of Edward F. Hollarn & A. J. Hollarn, the owner~~s~~ of the claim~~s~~ for the purpose of complying with the laws of the United States and of the State of California pertaining to annual assessment work.

(3) The labor or improvements so performed or made during said assessment year are as follows: Sinkind two holes 6 x 6 x 10, in copper and lead veins, facing off four lead veins, stock piling lead ore, and making drill test holes for blocking out ore.

Edward F Hollarn
(Signature of Affiant)

Residing at 927 Ocean Ave., Santa Monica, Calif.

Subscribed and Sworn to before me June 17, 1958

Edward F Hollarn
Notary Public in and for said County and State
In and for the County of Los Angeles, State of California
My Commission Expires July 24, 1960
6613 Canoga Ave., Canoga Park, Calif.

SEAL (NOTARIAL SEAL)

Footnotes 1 and 2: See Reverse Side.

SPACE BELOW FOR RECORDER'S USE ONLY

INDEXED

305
RECORDED
REQUEST OF
LOCATOR-OWNER

JUN 19 10 26 AM '58
BOOK 411 PAGE 538
MINING RECORDS
SAN BERNARDINO COUNTY, CALIF.
TED R. CARPENTER, RECORDER
F. L. Atwood Dep.

2.00

SKETCH SHOWING RELATION OF UNDEVELOPED RAINBOW CLAIMS TO THE BLUE BELL CLAIMS AND LITTLE MIKE CLAIMS. ALL CLAIMS SHOWN ON SKETCH ARE HELD BY LEASE BY SILVER LAKE MINING AND MILLING CORP.

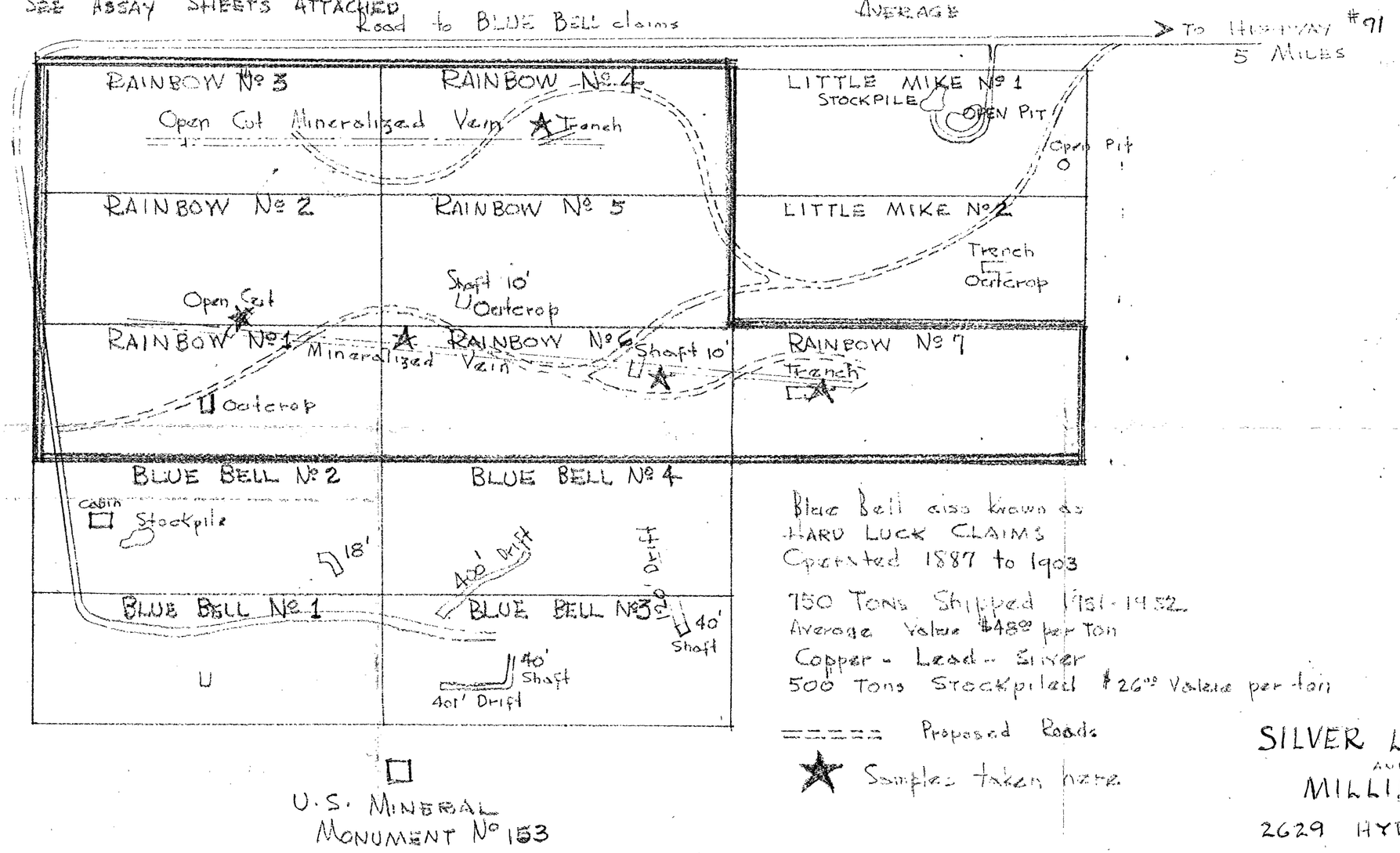
1A RAINBOW GROUP CLAIMS 1 THRU 7 LOCATED SAN BERNARDINO COUNTY, CALIF, T14N R7E
PORTIONS OF SECTIONS 26 AND 27 RECORDER BOOK 382 PAGES 342-343-345-347-361
AND BOOK 383 PAGES 472-474 HALL OF RECORDS
SAN BERNARDINO COUNTY, CALIFORNIA.

1B KNOWN ONLY AS RAINBOW GROUP

1C LESSEE SILVER LAKE MINING AND MILLING CO.
OWNER. ED HOLLARN 927 OCEAN AVE SANTA MONICA.

RAINBOW CLAIMS DISCOVERED 1956
NO ORE SHIPPED
OUTCROPS OPENED BY SHAFTS
AND OPENED CUTS
SEE ASSAY SHEETS ATTACHED

LITTLE MIKE DISCOVERED 1951
4 CARS SHIPPED - AVERAGE
VALUE $58.00 PER TON
200 TONS STOCKPILED $24.00 PER TON
AVERAGE



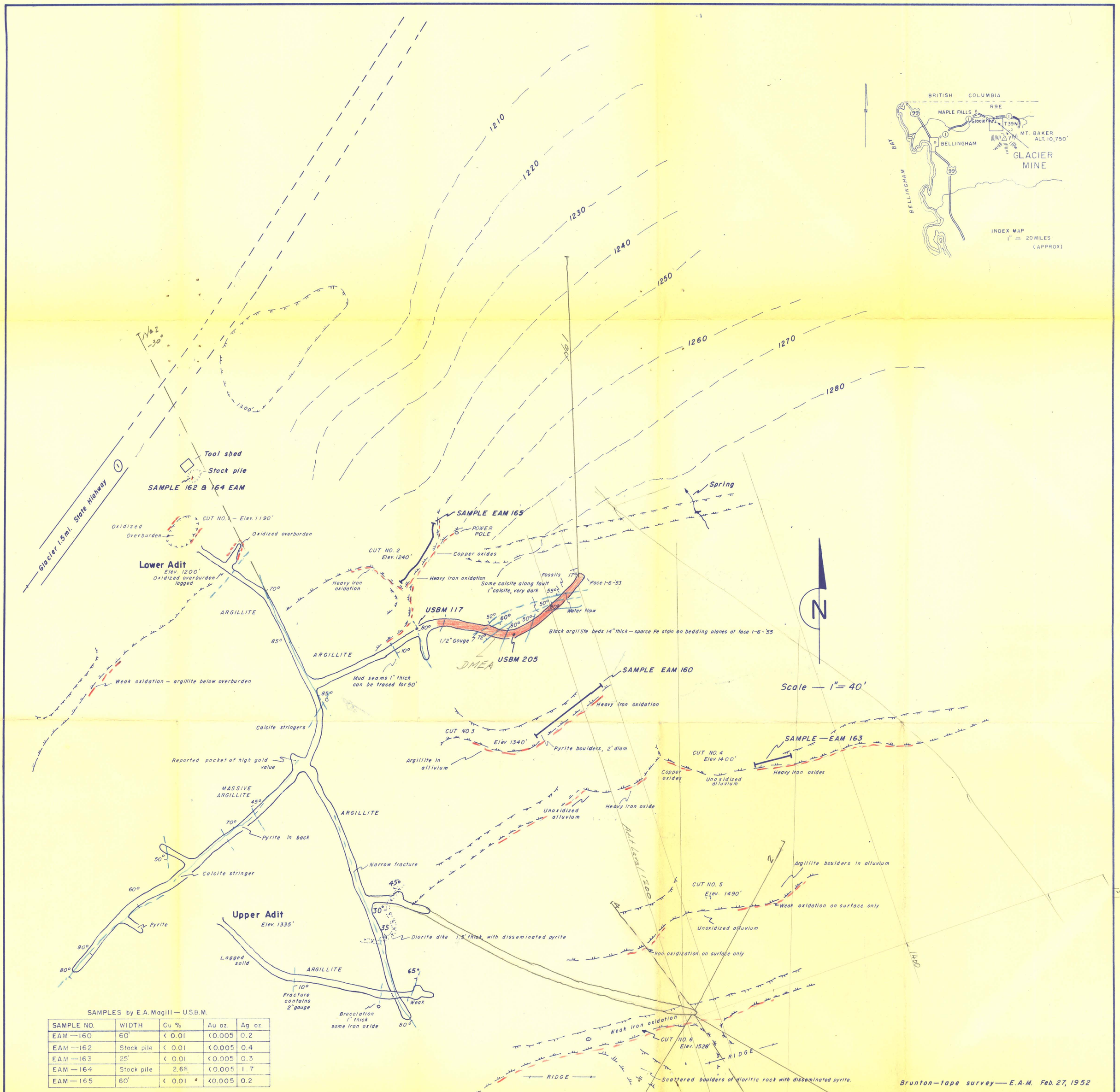
Blue Bell also known as
HARD LUCK CLAIMS
Operated 1887 to 1903

750 TONS Shipped 1951-1952
Average Value $48.00 per Ton
Copper - Lead - Silver
500 Tons Stockpiled $26.00 Value per ton

Proposed Roads

★ Samples taken here

SILVER LAKE MINING AND MILLING INC
2629 HYPERION AVE.
HOLLYWOOD 27 CALIF.



SAMPLES by E.A. Magill — U.S.B.M.

SAMPLE NO.	WIDTH	Cu %	Au oz.	Ag oz.
EAM — 160	60'	< 0.01	<0.005	0.2
EAM — 162	Stock pile	< 0.01	<0.005	0.4
EAM — 163	25'	< 0.01	<0.005	0.3
EAM — 164	Stock pile	2.68	<0.005	1.7
EAM — 165	60'	< 0.01	<0.005	0.2

GLACIER MINE, WHATCOM COUNTY, WASHINGTON.

E-362

GLACIER MINE

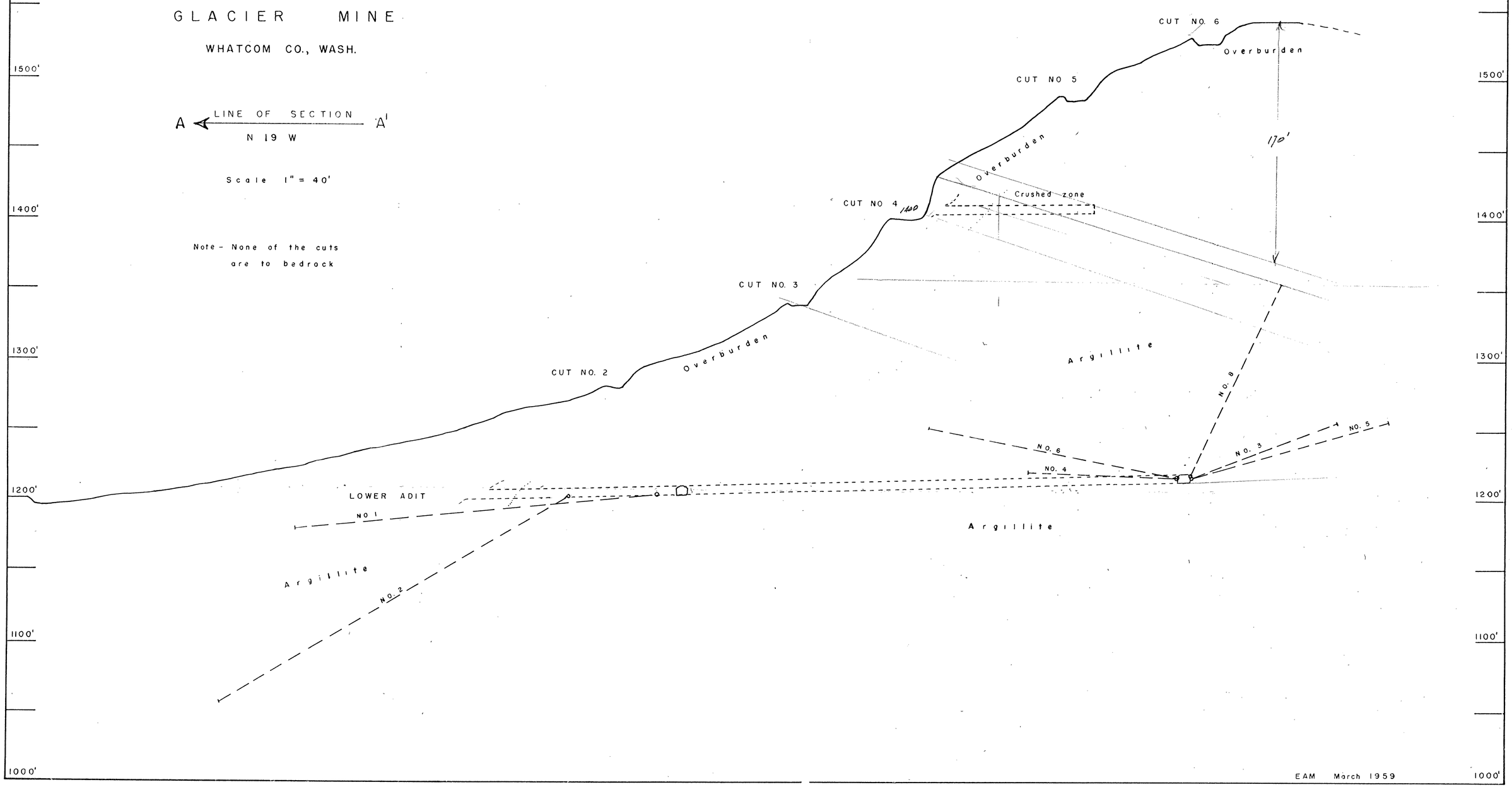
WHATCOM CO., WASH.

A ← LINE OF SECTION → A'

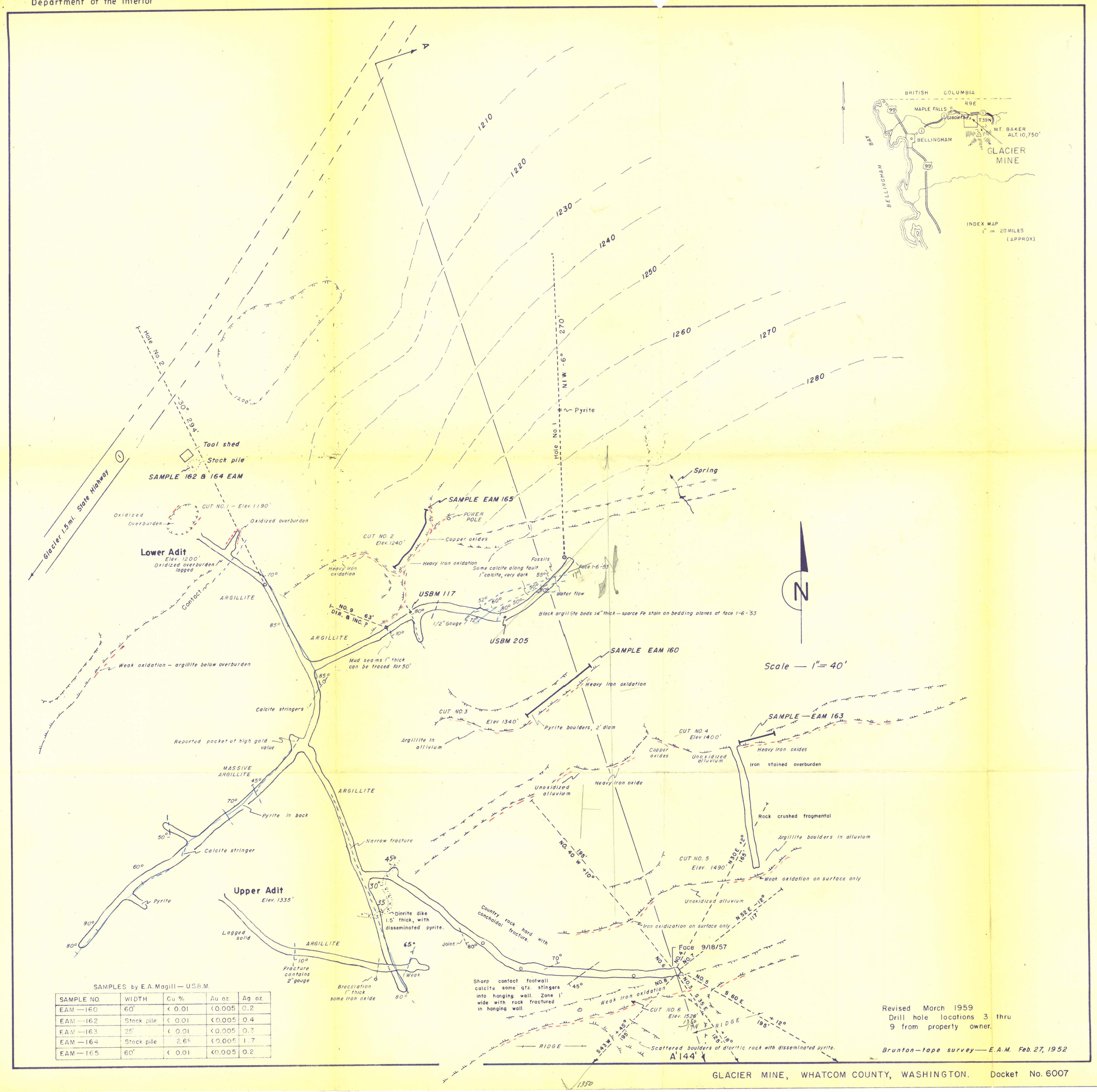
N 19 W

Scale 1" = 40'

Note - None of the cuts are to bedrock



EAM March 1959



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EAM — 164	Stock pile	2.6%	<0.005	1.7
EAM — 165	60'	< 0.01	<0.005	0.2

GLACIER MINE, WHATCOM COUNTY, WASHINGTON. Docket No. 6007