DMEA Form 9
Rev. 6/57

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE Idm-E NO._____ DMEA NO. 5074

Application
- [ ] Denied
- [x] Withdrawn

Contract
- [ ] Terminated - Not Certified
- [ ] Terminated - Certified
- [ ] Cancelled
- [ ] Royalty Agreement

The records contained in this file are marked (x) and arranged in this order:

Folder No. 1:

Left Side

- [ ] Royalty Audits
- [ ] Certification of Discovery
- [ ] Closing Letter
- [ ] Cost Audits
- [ ] Termination Notice or Agreement
- [ ] Recision Notice
- [ ] Assignment of Contract
- [ ] Contract Amendments
- [ ] Contract with all exhibits and annexes
- [ ] Owner's Consent to Lien and Subordination Agreement
- [x] Application and attachments

Right Side

- [ ] Project summary (final)
- [ ] Work Completed analysis (final)

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

- [ ] Field Team Semi-Annual Report for Certified Project
- [ ] Final Field Team Report (Tab)
- [ ] Operator's Final Report (Tab)
- [ ] Interim Field Team Reports
- [ ] Operator's monthly reports and all attachments
- [ ] On-site Exam Report (Tab)
- [ ] Settlement Sheets
- [ ] Drill Logs

Additional Folders:

Left Side

Folders No._____: Reports
- [ ] Analysis of Semi-Annual Inspection Reports
- [ ] Project Summary (Interim) by DMEA Engineers

Right Side

- [ ] Field Team Semi-Annual Report for Certified Project
- [ ] Field Team Interim Reports
- [ ] Operator's Monthly Reports with transmittal, narrative and maps.

Folders No._____: Maps (Use pocket folder or envelope)

Folders No._____: Settlement Sheets

Folders No._____: Drill Logs

Folders No._____: Royalty material

Form MF–103
Revised Oct. 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)

Hera Exploration Company
Box 4
Clinton, Montana

RECEIVED
BUREAU OF MINES
JUN 30 1958
SPOKANE, WASH.

DMEA

APPLICANT NOT TO USE THIS BLOCK

Docket Number: DMEA-5074
Date Received: 6-30-58
Government Participation %:
Region: I
Division Code: 500

BUSINESS ORGANIZATION (Check one)

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

State in which firm is organized: Washington

LIST CORPORATE OFFICERS OR PARTNERS HERE, IF APPLICABLE

Name	Address	Title
William H. Pillatos	16605 Benson Rd., Renton, Wash.	Pres., Manager, and Director
George W. Ames	Box 8, Renton, Wash.	Sec. Treas. and Director
Dr. W. J. Collings	110 Williams, Renton, Wash.	Vice Pres.
Morrie Chamberlain	W. 315 Boone, Spokane, Wash.	Director

Mineral(s) for which you wish to explore: Copper, silver, gold, lead

Estimated Cost of Project: $ $61,146.00

LOCATION OF PROPERTY

Name	County	State
Clinton	Missoula	Montana

GENERAL INSTRUCTIONS

Before filling out this application, please read DMEA Order–I, Revised, "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.

June 26, 1958
Dated

William H Pillatos
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, Revised.

(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. 25960

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
So. 157 Howard Street
Spokane 4, Washington

DMEA
RECEIVED JUL 14 1958

July 11, 1958

Mr. George C. Selfridge, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: New application (Copper,silver,gold,lead)
Hera Exploration Company
Hidden Treasure claims
Missoula County, Montana

Dear Mr. Selfridge:

Enclosed are the original and two copies of an application received from William N. Pillatos, president of Hera Exploration Company, on June 30, 1958.

We are retaining one copy of the application, together with one set of 7 maps, submitted to us in duplicate. The applicant asks that Figure 5 be returned to him.

Sincerely yours,

A. E. Weissenborn
Executive Officer, DMEA
Field Team Region I

Enclosure as above

cc: USBM (2)
Prinz

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]	[illegible]	[illegible]	ASSAYS Ounces Silver	Ounces Gold	[illegible] Dollars	[illegible] Dollars	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

PAYMENT FOR METALS

Copper [illegible]	[illegible]	Less 2½c
[illegible]	[illegible]	Less 2c
Gold [illegible]	[illegible]	
Price of Concentrate	[illegible]	

An extra charge of $3.00 made for sampling [illegible] under ton [illegible]

TREATMENT

BASE	[illegible]
Add—12c for each 1% Iron	[illegible]
Add—10% of sum of metal payments in excess of $15.00	
Deduct—2.5c for each 1% Silica in excess of Alumina	[illegible]
NET TREATMENT	[illegible]

Anaconda Copper Mining Co., Weston [illegible]

By

HERA EXPLORATION COMPANY

(A Corporation Organized under the Laws of the State of Washington)

P.O. BOX 8
RENTON, WASHINGTON

June 26, 1958

The information required on the D.M.E.A. application is outlined below in the same order as requested on the instruction sheet:

1. APPLICANTS PROPERTY RIGHTS:
   (a) The claims concerned in this application are located in T.12 N., R. The claims concerned in this application are:
   Hidden Treasure....#6166
   Cascade.....#6952
   Eagle.....#8637
   Cape Nome.....#7609
   Bullion.....#7607
   (b) Same as above.
   (c) Applicant is lessee with option to buy.
   (d) None.

2. PHYSICAL DESCRIPTION:
   (a) The Hidden Treasure mine was discovered in 1879 and little developed prior to the early 1900's when it was taken over by W. R. Stevens of Missoula. By 1906 the property was opened by two adits, no. 1, 550 feet in length and no. 2, 1150 feet in length. In 1935 C. E. Hewitt extended the no. 1 adit level to within 275 feet of the downward projection of the Cascade outcrop. In 1939 some work was done on the cascade outcrop by a short adit which gains about 20 feet in depth and 10 cars of 3% copper ore were shipped. In 1945 the U. S. Bureau of Mines interconnected the no. 1 and no. 2 adit levels of the Hidden Treasure workings by driving a raise 268 feet in length. This raise exposed a sulfide ore body. (see fig. 4) This work was done in conjunction with the war minerals program.

   In 1956 this property was acquired by Hera Exploration Company of Renton, Washington. Since that time, considerable dozer work has been done. This work has exposed favorable structures on the Hidden Treasure, Cascade, Eagle, Cape Nome and Bullion claims. Three raises have been driven in the lower adit level of the Hidden Treasure workings and the lower adit level of the Cape Nome has been reopened for a distance of 700 feet. A small prospect cut approximately 1000 feet northeast of the Cascade outcrop has exposed a vein structure carrying chalcopyrite over a two foot width.

Production facilities: Trammer and ore cars
Two compressors
Drilling machines
Access roads
Office building and laboratory
Milling facilities

(b) Present company has had no interest in any previous projects.

(c) Production records are taken from:

Pardee, J.T., 1918, Ore Deposits of the Northwestern Part of the Garnet Range, Montana; U.S.G.S. Bull. 660, p. 159-239.

Sahinen, Uuno M., 1957, Mines and Mineral Deposits, Missoula and Ravalli Counties, Montana; Montana Bur. Mines and Geology, Bull. 8, p. 33.

According to Pardee, p. 224, production estimates of the Hidden Treasure from the time of discovery to 1913 are $25,000 in copper, lead and silver. No production figures are available up to 1925.

In 1925 the Missoula Mining association shipped 1,682 tons of ore valued at $43,402 from the upper level of the Hidden Treasure. An estimated $160,000 worth of ore was taken from the upper level before this company ceased operations. (Sahinen, 1957)

The Minerals Yearbook (not available at the time of this application) records shipments for the years 1926, 1930, 1936, 1937, 1938, 1939, 1940, 1942, 1943, 1944, and 1948. The present company shipped 24 tons of concentrates from test operations in the summer of 1957. See attachments. There is no production at the present time. Mine is under development.

(d) The U. S. Bureau of Mines gave a figure of probable 50,000 tons of ore.

Present operations have disclosed possible reserves of 1000 tons of ore in the No. 1 raise of the lower adit level of the Hidden Treasure. This ore is estimated to average: Cu -2.3%, Pb - 2.0%, Ag - 7 oz., Au - .05 oz.

(e) The country rock in the vicinity of the Hidden Treasure is a micaceous quartzite of the Belt series rocks of Pre-Cambrian age. The quartzite is intruded by a granodiorite stock which is believed to be an extension of the Garnet stock. Mineralization of the Hidden Treasure is localized in a composite vein or shear zone which strikes approximately N 40°E and dips approximately 80° to the east. What appears

to be a continuation of this structure crosses the Cascade, Eagle, and Cape Nome claims. In the Cape Nome, the structure is entirely within the granodiorite and strikes almost due north and dips west. Several basic dikes have been noted on the Hidden Treasure, but their relationship to the mineralization is not known at the present time. South of the Hidden Treasure and across Wallace Creek, are found Paleozoic shales and quartzites possibly belonging to the Silver Hill formation of Cambrian age. It is believed that Wallace Creek represents the surface expression of a fault that brings these rocks and the Belt rocks into contact.

The predominant ore minerals at the Hidden Treasure are chalcopyrite, tetrahedrite, galena, and pyrargyrite in order of abundance. The gangue is composed of quartz, with minor pyrite, siderite, and barite.

Mineralogy differs somewhat at the Cape Nome. Here the primary ore minerals are chalcopyrite, bornite, chalcocite, and argentiferous tetrahedrite. Hematite, quartz and barite are the main gangue minerals. Gold is present in both deposits.

(f) From ore bodies examined in the Hidden Treasure on the south and in the Cape Nome on the north and from surface exposures on the Cascade outcrop, it is reasonable to assume that there is a good possibility of finding ore at depth under the Cascade. A small prospect cut to the north of the Cascade outcrop yielded the following assay:

1.0' width - 0.20 oz. Au, 1.5 oz. Ag, Tr. Pb, 3.4% Cu.

According to Sahinen (1957, p. 33) in 1939, 10 cars of 3% copper ore were shipped from the Cascade outcrop. This ore was taken from the zone of leaching and higher values should be expected at depth.

(g) see enclosures. Return those copies marked "to be returned".

3. ACCESSIBILITY TO PROJECT

(a) D. E. Hintzman (company geologist)
Box 356
Milltown, Montana

Mr. Hintzman can meet with D.M.E.A. representatives at their convenience.

The property can be reached from the town of Clinton, Montana, which is located 17 miles east of Missoula on highway U.S. #10. From Clinton, turn east onto the Wallace Creek road and continue for two miles to the mine property. It could be arranged that a man from Hera Exploration Co. meet D.M.E.A. representatives in Missoula, Montana

(b) The nearest shipping point is at Clinton, Montana, which is two miles by good graveled road from the property. The nearest supply point is Missoula, Montana, which is located 17 miles west of Clinton. However, some materials must come from Butte, Montana or Wallace, Idaho.

Housing is available in Clinton, Montana. Five employees of the Company reside on the mining property. Housing is also available at Milltown, Montana, which is located 10 miles west of the property.

4. THE EXPLORATION PROJECT:

(a) The exploration project is outlined below in five steps:

1. See figure 1. The existing haulage-way must be straightened in two places (dashed in red in figure 1) to facilitate ore and waste haulage. An estimated 55 feet of drift must be driven between stations 5 and 7. In addition, 48 feet of drift must be driven between stations 15 and 17 to facilitate haulage, and provide shorter radius curves. Both of the above projects should be 6 feet wide with an 8 foot back.

2. A parting is planned between stations 11 and 12 to facilitate haulage traffic. This project will widen the existing drift at this point another five feet and will be 40 feet in length. The back must be 8 feet at this place. (see figure 1 - dashed in green)

3. 300 feet of the existing workings must be regraded. All of the foregoing projects represent rehabilitation of existing workings to facilitate the proposed exploration program.

4. A drift 1342 feet in length, 6 feet wide and 8 feet high is proposed to explore the mineralized structure of the Hidden Treasure vein and to explore at depth the favorable surface indications of the Cascade outcrop. (see fig. 1 - dashed in blue)

5. A crosscut 150' in total length and 75 feet to either side of the main drift from a point under the Cascade outcrop. This crosscut should be 6 feet wide and have an 8 foot back. (see fig. 1 - dashed in blue)

(b) None

(c) Work should start on Sept. 1, or Oct. 1, 1958, whichever time is closest to date of approval.

Estimated 175 working days to complete this project.

5. EXPERIENCE:

The applicant's operating experience stems from three years development work on this project. Personnel within this company are competent and practical mining men with many years' practical experience, in coal and metal mining. Additional personnel will be chosen as needed from experienced and qualified mining men from either the Coeur d'Alene or Butte mining areas. Recently the company has employed a full-time geologist who is assisted on a part-time basis by a local engineer.

6. ESTIMATE OF COSTS:

(a) None

(b) Figure of $33/ft. includes personnel costs.

One geologist
One foreman
Six miners — 175 working days
One engineer (part-time)
Accounting

All personnel are available in this area or in the Coeur d'Alene or Butte mining areas.

(c) Figure of $33/ft. includes materials costs.

Fuel
Lumber
Timber
Rails
Pipe, spikes, powder, fuse, primers, bolts and nails

(d)

1 tramaire special, furnished by applicant	$2,500.00
1 GE electric battery trammer, purchased	3,800.00
10 2½ ton Ajax side dump cars, furnished by applicant	4,000.00
2 blowers, furnished by applicant	- --- --
drills and drill steel, purchased	2,500.00
compressor, furnished by applicant	3,000.00
mucking machine, furnished by applicant	2,500.00
slushers, and timber hoists, furnished by applicant.	2,500.00
1 diesel generator unit, purchased	4,200.00
shop facilities, small tools, welder, torches, etc. furnished by applicant.	- --- --

(e) None

(f) None

(g) General maintenance of cars, trammers, compressor, drills, mucker, blower, with unforseeable type of breakdowns, estimated by previous operation of said equipment to be approximately 10% of purchase price, and listed under estimated $33/ft.

7. Yes

Costs are to be furnished by applicant through:

1. providing money
2. use of equipment
3. other

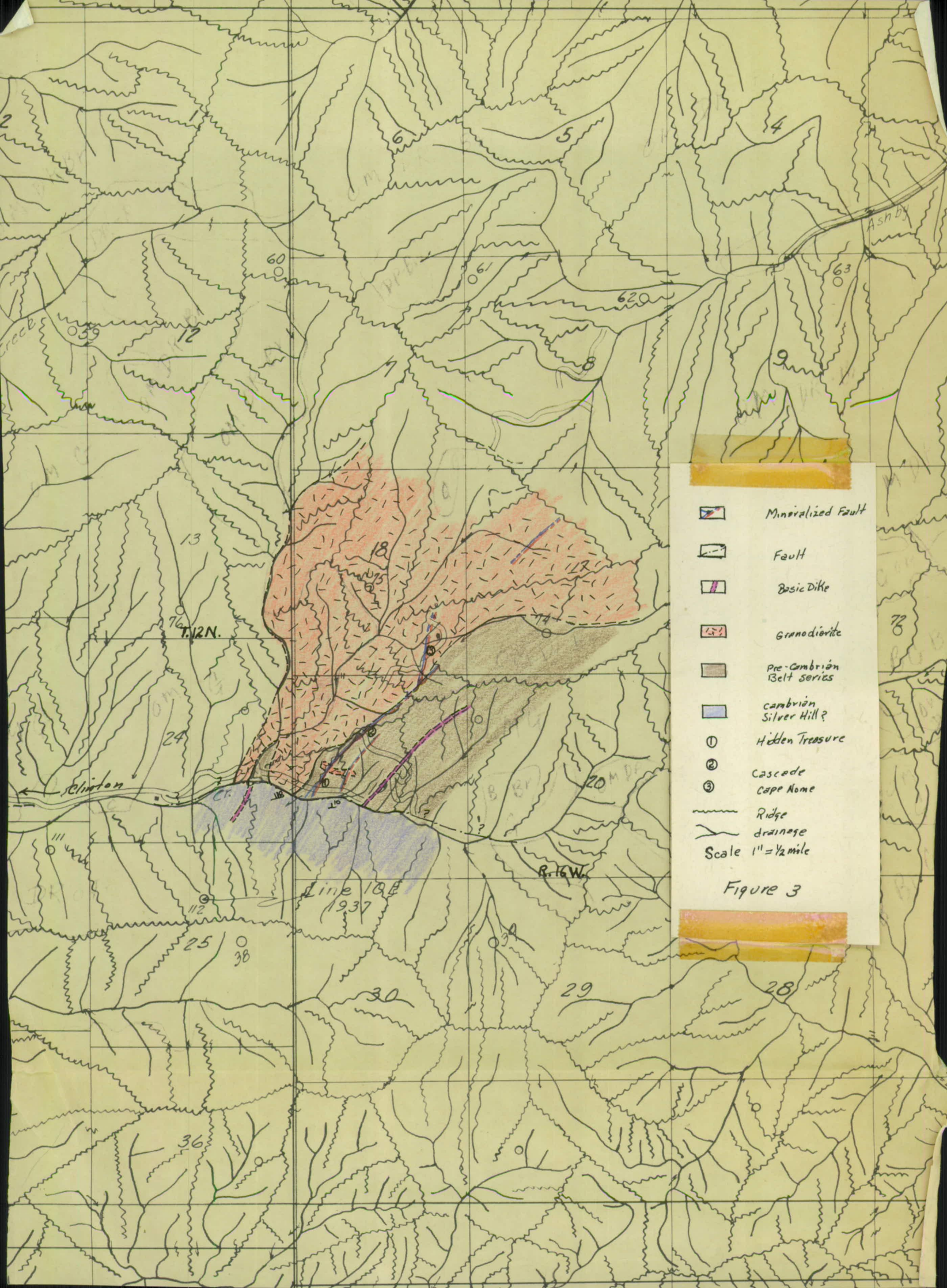
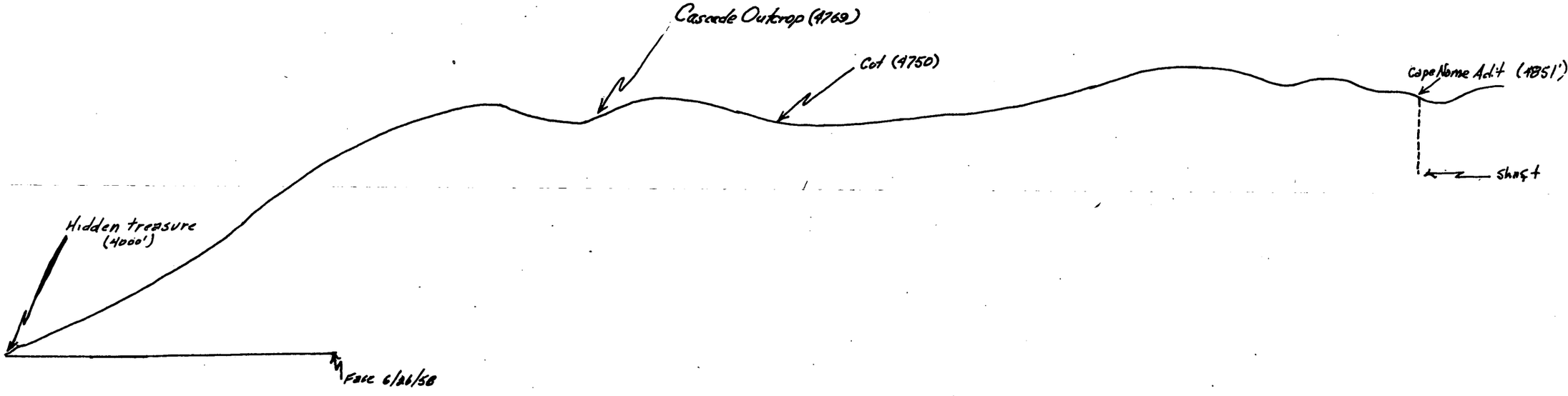

Mineralized Fault
Fault
Basic Dike
Granodiorite
Pre-Cambrian Belt series
Cambrian Silver Hill?
① Hidden Treasure
② Cascade
③ Cape Nome
Ridge
drainage
Scale 1" = ½ mile
T. 12 N.
R. 16 W.
Line 10 E
1937
Clinton
Ashby
Cr.

Figure 3

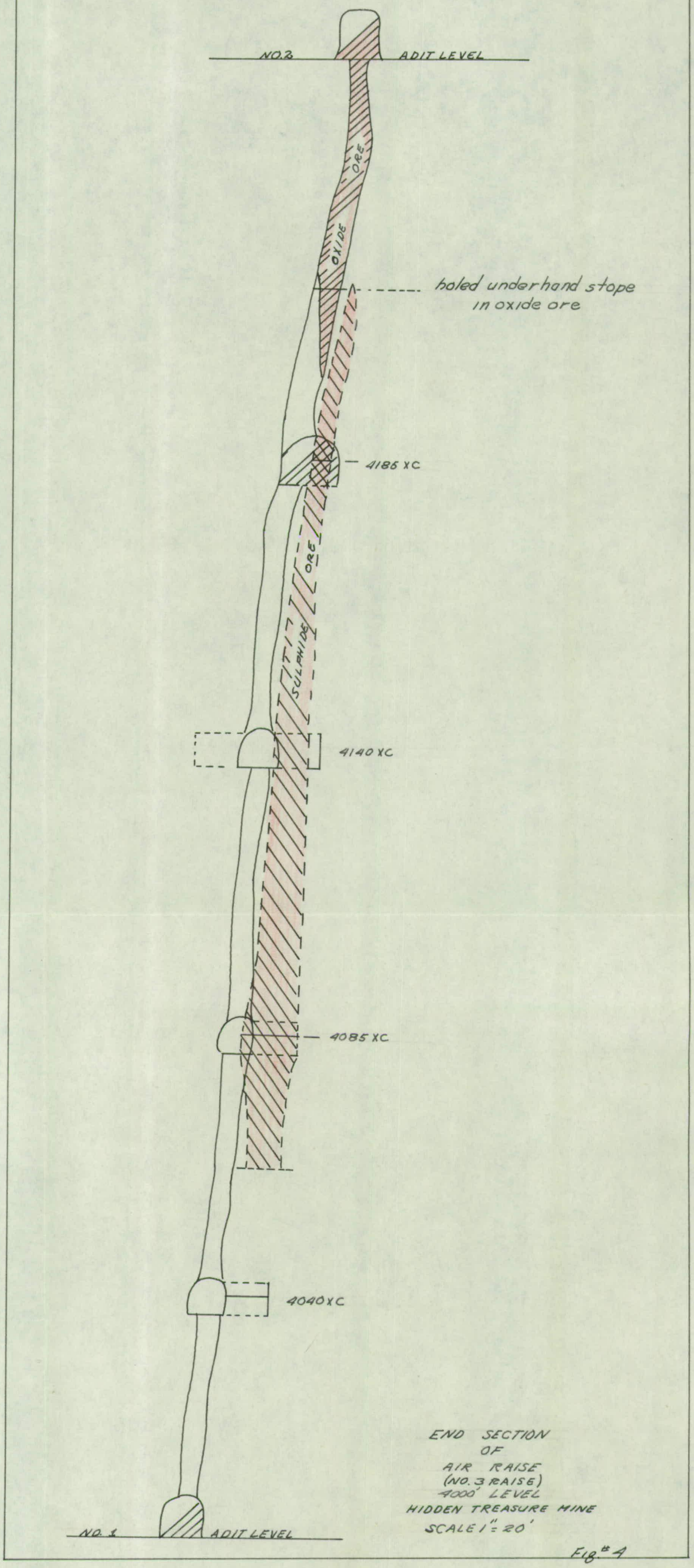
Profile from treasure to Nome
elev. established with an altimeter
Dist scaled from air photo.

scale 1" = 400'



OFFICIAL FILE COPY
D M E A
RECEIVED JUL 14 1958

DATE	INITIALS	OFFICE



END SECTION
OF
AIR RAISE
(NO. 3 RAISE)
4000' LEVEL
HIDDEN TREASURE MINE
SCALE 1" = 20'

Fig. # 4

U.S. Government Messenger Envelope

Standard Form No. 65 (Rev. 1957)
Promulgated by Bureau of the Budget Circular A-33 (Rev.)

NAME (OR TITLE) OF ADDRESSEE, AGENCY, ORGANIZATIONAL UNIT, ADDRESS, AND ROOM		NAME (OR TITLE) OF ADDRESSEE, AGENCY, ORGANIZATIONAL UNIT, ADDRESS, AND ROOM	
Jm. W. N. Chamberlain D. M. E. A.	STOP		STOP
	STOP		STOP
	STOP		STOP
	STOP		STOP
	STOP		STOP
	STOP		STOP
	STOP		STOP
	STOP		STOP
	STOP		STOP
	STOP		STOP

Use other side.

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

OME

OFFICIAL FILE COPY
O. M. E.
RECEIVED AUG 4 1959

DATE	INITIALS	CODE
8-4	gad	270
8-5	[illegible]	500
		225
Docket OME A-5074		

So. 157 Howard Street
Spokane 4, Washington

July 28, 1959

Mr. James K. Newton
Regional Administrator
Securities and Exchange Commission
Room 304
905 Second Avenue Building
Seattle 4, Washington

Dear Mr. Newton:

The Defense Minerals Exploration Administration, now the Office of Minerals Exploration, received from Hera Exploration Company, Box 4, Clinton, Montana, an application for assistance to explore for copper, lead, silver, and gold on five patented mining claims located in Sec. 19, T. 12 N., R. 16 W., Missoula County, Montana. The application was received the day before the DMEA program lapsed and therefore we were unable to examine the property. The company expressed a desire to reapply for Government aid under the new OME program but so far as we know has not yet done so.

The DMEA application listed the following officers of the corporation:

William H. Pillmtoe, 16605 Benson Rd., Renton, Washington - President, Manager, and Director
George W. Ames, Box 6, Renton, Washington - Secretary-Treas. and Director
Dr. W. J. Collings, 110 Williams, Renton, Washington - Vice President
Morris Chamberlin, W. 315 Boone, Spokane, Washington - Director

The claims included in the application are Hidden Treasure, No. 6166; Cascade, No. 6952; Eagle, No. 8637; Cage Room, No. 7699; and Bullion, No. 7607. The claims are said to be under lease and option to Hera Exploration Company.

The Bureau of Mines examined the property in 1942 and later explored the property. The results of this exploration are described in Bureau of Mines War Minerals Report 138, which should be available in the library of the University of Washington.

By Field Team Region I

A. E. Weissenborn, Exec. Officer
U. S. Geological Survey

Wing G. Agnew, Member
U. S. Bureau of Mines

cc: OME (2) w/2 cys incoming dtd 7/24/59
USBM (2)

To be returned.

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
REGIONAL OFFICE
SEATTLE 4, WASHINGTON

July 24, 1959

OFFICIAL FILE COPY
RECEIVED AUG 4 1959
DATE

Mr. A. E. Wallenborn
Executive Officer
Office of Minerals Exploration, Region 1
S. 157 Howard Street
Spokane, Washington

Dear Sir:

We have under investigation a company with properties in Missoula County, Montana.

We have been advised that your office may have access to information concerning these properties which could be made available to us. World Minerals Report 128 prepared by E. W. Newman allegedly has information concerning the area in question.

The properties are situated near Clinton, Montana, approximately 30 miles south of Missoula, Montana, and are known as the Hidden Treasure claims and Cape Horn Lode. They are being operated by Rare Exploration Co. and Clinton Mining & Milling Company. The area is sometimes also referred to as Blackfoot Creek Mining District.

We would appreciate any information which you may have available. Thank you for your cooperation.

Very truly yours,

James E. Newton
Regional Administrator

RECEIVED
JUL 27 1959
U.S.D.A.
WALLA WALLA, WASH.

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
So. 157 Howard Street
Spokane 4, Washington

June 11, 1959

OFFICIAL FILE COPY O. M. E. RECEIVED JUN 15 1959		
DATE	INITIALS	CODE
6/15	a	220
6/15	[illegible]	500
		225

Memorandum

To: Chairman, Operating Committee, OME

From: Acting Executive Officer, OME Field Team, Region I

Subject: Docket No. DMEA-5074 (Copper-Lead)
Hera Exploration Company
Clinton Mine
Missoula County, Montana

We are still carrying the above application in our active list. Mr. Griswold wrote the applicant April 17 saying that he would appreciate receiving the new OME application from the company within the next thirty days.

We have not received a copy of the application in the field, therefore can we assume that none was received and that the application can be withdrawn from the active files?

Donald R. MacLaren
Donald R. MacLaren
For: Wing G. Agnew

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
4-16	ABR	500
4/16	[illegible]	120
4/17	[illegible]	110
		~~100~~
4/17	C	220
		500

APR 17 1959

Mr. William H. Pillatos, President
Hera Exploration Company
Post Office Box 8
Clinton, Montana

Re: Docket No. DMEA-5074 (Copper-Lead-Silver-Gold)
Hera Exploration Company
Clinton Mine
Missoula County, Montana

Dear Mr. Pillatos:

In reply to your letter, dated April 10, 1959, regarding the cited application, we would appreciate receiving the new Office of Minerals Exploration application from the company within the next thirty days.

In addition to the information requested in our letter of January 29, 1959, we must have a statement of your company's assets and liabilities and balance sheets or net worth statements for each of the officers and of the five largest stockholders of the company. We also would like to know if any collateral was offered to the banks when the loan was solicited.

Sincerely yours,

W. R. Griswold (er)

W. R. Griswold, Chief
Division of Base Metals

JWAlt/er 4-16-59
Copy to: Docket
Dir Read File
Region I (2)
Chron.

43683

HERA EXPLORATION COMPANY

(A Corporation Organized under the Laws of the State of Washington)

P.O. BOX 8
RENTON, WASHINGTON
Clinton, Montana
April 10,1959

OFFICIAL FILE COPY
O. M. E.
RECEIVED APR 15 1959

DATE	INITIALS	CODE
4/15	C	220
4/15	all	500

UNITED STATES DEPARTMENT
of the INTERIOR
Office of Minerals Exploration
Washington, 25 D.C.

5074

Dear Mr. Johnson:

In answer to your letter of March 10,1959 in regard to our application. Considerable changes have been made since the application was originally made.

Approximately when would the due date be for re-applying under the circumstances of so many changes etc.

We would appreciate hearing from you on this matter.

Thank you.

Very truly yours,

William H. Pillatos,Pres.

OFFICIAL FILE COPY

Date	Surname	Code
3/10	alt	500
	Frawell	500
3/10	Selfridge	120
		~~110~~
		~~100~~
3/11		220
		500

MAR 10 1959

Mr. William H. Pillatos, President
Hera Exploration Company
Box 4
Clinton, Montana

Re: Docket No. DMEA-5074 (Copper-Lead-Silver-Gold)
Hera Exploration Company
Clinton Mine
Missoula County, Montana

Dear Mr. Pillatos:

Reference is made to our letter of January 29, 1959, regarding action required to make your DMEA application eligible for consideration under the OME regulations.

We wish to cooperate with you in allowing ample time to complete such action, but, if we do not hear from you within 30 days from the date of this letter, we will assume that you are no longer interested in proceeding with your application, and we will consider it as having been withdrawn.

Sincerely yours,

Frank E. Johnson (for)

Acting Director

JWAlt/er 3/10/59
CC: Docket
Dir Read File
Region I(2)
Chron

43683

UNITED STATES
DEPARTMENT OF THE TREASURY
OFFICE OF INTERNAL REVENUE
Washington 25, D. C.

January 31, 1959

To: Pending Docket

Subject: Withdrawal of Pending DMA Applications

Effective this date, this pending DMA application is considered withdrawn for statistical purposes.

If, at a later date, the applicant requests reconsideration under the OMB program, all pertinent material in the DMA file should be transferred to the new OMB docket.

Frank E. Johnson
Acting Director

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
1/16	[illegible]	500
	[illegible]	500
1/29	Selfridge	120
		~~110~~
		~~100~~
1/29	C	220
		500

JAN 29 1959

Mr. William H. Pillatos, President
Hera Exploration Company
Box 4
Clinton, Montana

Re: Docket No. DMEA-5074
(Copper-Lead-Silver-Gold)
Clinton Mine
Missoula County, Montana

Dear Mr. Pillatos:

Enclosed is a copy of the regulations for obtaining Federal assistance in financing mineral exploration under which the new Office of Minerals Exploration will operate.

If you wish that your partly processed DMEA application be considered under the OME regulations, please complete and return four of the copies of the attached application, MME Form 40.

Your attention is called especially to the certification which when signed declares that you would not ordinarily undertake the proposed exploration under current conditions and circumstances at your sole expense, and to Item 1(a) - and 1(b) if applicable - which relates to information used to determine your financial eligibility under the new exploration program. Information that is included in your DMEA application need not be repeated in the OME application, but you can add new information if you so desire.

In addition to the information you submitted with the application, we will need a copy of the Lease and Option to Purchase, as specified in the application. Also, we need to know your estimated detailed costs for widening 40 feet of the existing drift, and for the 300 feet of track to be regraded. Will you please submit an estimated detailed cost per foot for your proposed 1342 feet of drifting and 150 feet of crosscutting?

Also enclosed are six copies of the Lien and Subordination Agreements, MME Form 52, referred to in Item 2(c) of the application. Early submittal of five completed copies of the form will save time

8623

in case you apply for exploration assistance under the CMX program and a contract is granted.

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

Sincerely yours,

Frank E. Johnson

Acting Director

Enclosures

JWAlt/fw-1/15/59

cc: Docket
Dir.Read.File
Reg. I (2)
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERAL EXPLORATION
Washington 25, D. C.

January 3, 1959

Memorandum for Docket

Subject: Withdrawal of Pending DMA Applications

Effective this date, this pending DMA application is considered withdrawn for statistical purposes.

If, at a later date, the applicant requests reconsideration under the OME program, all pertinent material in the DMA file should be transferred to the new OME docket.

Frank E. Johnson
Acting Director

OFFICIAL FILE COPY
M. E.
RECEIVED JAN 8 1959

DATE	INITIALS	CODE
1-8	C	220
		500

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

January 7, 1959

Memorandum

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

From: Commodity Specialist, Branch of Base Metals

Subject: Review of application, Docket No. 5074 (copper, silver, gold, lead), Hera Exploration Company, Hidden Treasure claims, Missoula County, Montana. $61,146.00

The applicant seeks Government assistance in an exploration program consisting principally of 1,342 feet of drifting and 150 feet of crosscutting to test at depth the mineralized structure of the Hidden Treasure vein indicated by previous work. The application also includes estimates of costs of surface and underground rehabilitation work.

It is recommended that the application be referred to the Field Team for appraisal and an examination of the property if warranted.

A. D. McMahon

A. D. McMahon

Copy to: Division of Minerals
Branch of Base Metals (2)
Thor Kiilsgaard, U.S.G.S
F. D. Lamb
Files

IN REPLY REFER TO:

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

OFFICIAL FILE COPY
O. M. E.
RECEIVED JAN 2 1959

DATE	INITIALS	CODE
1-2	C	220
		500

December 31, 1958
Re: OME-5074
Hera Exploration Co.
Hidden Treasure Claims
Missoula County, Montana
Appl. Est. $61,146 - Copper-Lead

Memorandum

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

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

Subject: Review of application

The applicant requested assistance in the rehabilitation of old workings and the exploration of the projected downward extensions of veins from which a few thousands of tons of ore have been mined. Possible reserves of ore, as estimated by the applicant, amount to 1,000 tons of Cu 2.3%, Pb 2.0%, Ag 7 oz, and Au 0.05 oz material.

Referral of the application to the Field Team is recommended.

N. E. Nelson

N. E. Nelson

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
9/19	[illegible]	500
500		
4	[illegible]	100
		220
		500

September 19, 1958

Mr. William H. Pillatos, President
Hera Exploration Company
Box 4
Clinton, Montana

Re: Docket No. DMEA-5074 - Copper-Lead-Silver-Gold
Clinton Mine
Missoula County, Montana

Dear Mr. Pillatos:

As you have an application for exploration aid pending in our office, perhaps you may wish to study the proposed OME regulations and comment on them before October 17 as provided in the first paragraph of the enclosed notice reprinted from the Federal Register of September 17, 1958.

Some time after October 17 when the final regulations become effective, we will send you the new application form so you may furnish any additional information necessary to process your application for aid under the new program.

Sincerely yours,

[illegible]

ACTING Director

Enclosure

WRGriswold/esf - 9/19/58
CC to: Dir. R. File
Mr. Griswold

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
7/22	D	200
		225

JUL 22 1958

Hera Exploration Company
Box 4
Clinton, Montana

Gentlemen:

My letter of July 15 was not entirely correct. Your application was accepted and numbered DMEA 5074 because it was received at the DMEA Field Office in Spokane, Washington before midnight, June 30.

However, your application could not be processed before that deadline, so it will be held until we know whether exploration aid is to be continued.

You can expect to hear from us at that time.

Sincerely yours,

S

Allen S. Dakan, Director
Operations Control and
Statistics Division

Allen S. Dakan:kb - July 22, 1958
Copy to: DMEA Field Office, Region I
Admin. Reading File
Chron.

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
7/25	Chamberlain	2401
		225

Mera Exploration Company
Box 4
Clinton, Montana

Gentlemen:

We are sorry that we cannot accept your application for exploration aid. It was received after June 30, the last day for accepting new applications for Defense Minerals Exploration Administration assistance, and we can do nothing with it until the Congress acts on proposed legislation to continue exploration aid.

If you have no objection, we will hold your application until we know whether the aid is to be continued. If the aid is continued, we will then explain the terms of the new program and you may decide whether we should consider your application under these terms. If aid is not continued, your application will be returned.

Sincerely yours,

Allen S. Dakan, Director
Operations Control and
Statistics Division

Allen S. Dakan: kvb - July 15, 1958
Copy to: Executive Officer, Region I
Admin. Reading File

8623

EXTRA COPY
O. M. F.
RECEIVED JAN 3 1959

DATE	INITIALS	CODE

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

January 7, 1959

Memorandum

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

From: Commodity Specialist, Branch of Base Metals

Subject: Review of application, Docket No. 5074 (copper, silver, gold, lead), Mara Exploration Company, Hidden Treasure claims, Missoula County, Montana. $61,146.00

The applicant seeks Government assistance in an exploration program consisting principally of 1,342 feet of drifting and 150 feet of crosscutting to test at depth the mineralized structure of the Hidden Treasure vein indicated by previous work. The application also includes estimates of costs of surface and underground rehabilitation work.

It is recommended that the application be referred to the Field Team for appraisal and an examination of the property if warranted.

A. D. McMahon

A. D. McMahon

Copy to: Division of Minerals
Branch of Base Metals (2)
Thor Kiilsgaard, U.S.G.S
F. D. Lamb
Files

JAN 3 1959
DATE INITIALS CODE

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

January 7, 1959

Memorandum

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

From: Commodity Specialist, Branch of Base Metals

Subject: Review of application, Docket No. 5974 (copper, silver, gold, lead), Mere Exploration Company, Hidden Treasure claims, Missoula County, Montana. $41,146.00

The applicant seeks Government assistance in an exploration program consisting principally of 1,342 feet of drifting and 150 feet of crosscutting to test at depth the mineralized structure of the Hidden Treasure vein indicated by previous work. The application also includes estimates of costs of surface and underground rehabilitation work.

It is recommended that the application be referred to the Field Team for appraisal and an examination of the property if warranted.

A. D. McMahon
A. D. McMahon

Copy to: Division of Minerals
Branch of Base Metals (2)
Thor Kiilsgaard, U.S.G.S
F. D. Lamb
Files

RECEIVED JAN 1959
DATE | INITIALS | CODE

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

January 7, 1959

Memorandum

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

From: Commodity Specialist, Branch of Base Metals

Subject: Review of application, Docket No. 5074 (copper, silver, gold, lead), Hera Exploration Company, Hidden Treasure claims, Missoula County, Montana. $61,146.00

The applicant seeks Government assistance in an exploration program consisting principally of 1,342 feet of drifting and 150 feet of crosscutting to test at depth the mineralized structure of the Hidden Treasure vein indicated by previous work. The application also includes estimates of costs of surface and underground rehabilitation work.

It is recommended that the application be referred to the Field Team for appraisal and an examination of the property if warranted.

A. D. McMahon
A. D. McMahon

Copy to: Division of Minerals
Branch of Base Metals (2)
Thor Kiilsgaard, U.S.G.S.
F. R. Lamb
Files

USBM
DMEA-50114 (5 pp-text)
Hara Exploration Company

Please give us your name and address.
Only one copy of each document
the application.

Jean Kay

EXTRA COPY
DMEA
RECEIVED
DATE

No. 157 Howard Street
Spokane 4, Washington

July 11, 1958

Mr. George C. Selfridge, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: New application (Copper,silver,gold,lead)
Hara Exploration Company
Hidden Treasure claims
Missoula County, Montana

Dear Mr. Selfridge:

Enclosed are the original and two copies of an application received from William N. Pillaten, president of Hara Exploration Company, on June 30, 1958.

We are retaining one copy of the application, together with one set of 7 maps, submitted to us in duplicate. The applicant asks that Figure 5 be returned to him.

Sincerely yours,

A. H. Weissenborn
Executive Officer, DMEA
Field Team Region I

Enclosure as above

cc: USGS (2)
Prim

Form MF-103
Revised Oct. 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)

Nova Exploration Company
Box [illegible]
Clinton, Montana

RECEIVED
BUREAU OF MINES
JUN 30 1958
MISSOULA, MONT.

APPLICANT NOT TO USE THIS BLOCK

Docket Number	DMEA-5474
Date Received	6-30-58
Government Participation %	
Region	I
Division Code	500

BUSINESS ORGANIZATION (Check one)

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

State in which firm is organized [illegible]

LIST CORPORATE OFFICERS OR PARTNERS HERE, IF APPLICABLE

Name	Address	Title
William H. Pickett	2000 [illegible] Ave., Boston, Mass.	Pres., Treas., and Director
George W. Adams	Box [illegible], Boston, Mass.	Sec., Asst. and Director
Dr. W. J. Collins	230 Collins, Boston, Mass.	Vice Pres.
Lorelle Chamberlain	R. 325 Dorne, Cambridge, Mass.	Director

Mineral(s) for which you wish to explore: Copper, Silver, Gold, Lead

Estimated Cost of Project $ [illegible]

LOCATION OF PROPERTY

Name	County	State
Clinton	Missoula	Montana

GENERAL INSTRUCTIONS

Before filling out this application, please read DMEA Order–I, Revised, "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.

June 25, 1958
Dated

William H. Pickett
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, Revised.

(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. 25960

F. 605--4-3-39--15M--McKEE.

Anaconda Copper Mining Co., Washoe Sampler

RECEIVED FROM Sidney M. Ward, BUTTE, MONTANA,

ADDRESS Clinton, Montana. SAMPLER LOT

MINE Hidden Treasure Cru, SMELTER LOT

	CAR NUMBER	WEIGHTS			ASSAYS			TREATMENT CHARGE	PRICE PER TON	VALUE
		Pounds Gross	Per Cent Water	Pounds Dry	Per Cent Copper	Ounces Silver	Ounces Gold	Dollars	Dollars	Dollars
	79613	75920	3.6	73187	3.63	0.7	0.070	0.00	0.20	[illegible]

M. Sy. Freight.

[illegible]

[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

PAYMENT [illegible]			
Copper	[illegible]	[illegible]	[illegible]
Silver	[illegible]	[illegible]	[illegible]
Gold	[illegible]	[illegible]	

[illegible]

An extra [illegible]

June 26, 1958

The information required on the D.M.E.A. application is outlined below in the same order as requested on the instruction sheet:

1. APPLICANTS PROPERTY RIGHTS:

(a) The claims concerned in this application are located in T.12 N.,R. The claims concerned in this application are:

Hidden Treasure....#6166
Cascade.....#6952
Eagle .....#8637
Cape Horn .....#7609
Bullion .....#7607

(b) Same as above.

(c) Applicant is lessee with option to buy.

(d) None.

2. PHYSICAL DESCRIPTION:

(a) The Hidden Treasure mine was discovered in 1879 and little developed prior to the early 1900's when it was taken over by W.R. Stevens of Missoula. By 1906 the property was opened by two adits, no. 1, 550 feet in length and no. 2, 1150 feet in length. In 1935 C. E. Hewitt extended the no. 1 adit level to within 275 feet of the downward projection of the Cascade outcrop. In 1939 some work was done on the cascade outcrop by a short adit which gains about 20 feet in depth and 19 cars of 3% copper ore were shipped. In 1945 the U.S. Bureau of Mines interconnected the no. 1 and no. 2 adit levels of the Hidden Treasure workings by driving a raise 268 feet in length. This raise exposed a sulfide ore body. (see fig.4) This work was done in conjunction with the war minerals program.

In 1956 this property was acquired by Hecla Exploration Company of Renton, Washington. Since that time, considerable dozer work has been done. This work has exposed favorable structures on the Hidden Treasure, Cascade, Eagle, Cape Horn and Bullion claims. Three raises have been driven in the lower adit level of the Hidden Treasure workings and the lower adit level of the Cape Horn has been reopened for a distance of 700 feet. A small prospect cut approximately 1000 feet northeast of the Cascade outcrop has exposed a vein structure carrying chalcopyrite over a two foot width.

Production facilities: Tramway and ore cars
Two compressors
Drilling machines
Access roads
Office building and laboratory
Milling facilities

(b) Present company has had no interest in any previous projects.

(c) Production records are taken from:

Pardee, J.T., 1918, Ore Deposits of the Northwestern Part of the Garnet Range, Montana; U.S.G.S. Bull. 660, p. 159-239.

Sahinen, Uno M., 1957, Mines and Mineral Deposits, Missoula and Ravalli Counties, Montana; Montana Bur. Mines and Geology, Bull. 8, p. 33.

According to Pardee, p. 224, production estimates of the Hidden Treasure from the time of discovery to 1913 are $25,000 in copper, lead and silver. No production figures are available up to 1925.

In 1925 the Missoula Mining association shipped 1,682 tons of ore valued at $43,402 from the upper level of the Hidden Treasure. An estimated $160,000 worth of ore was taken from the upper level before this company ceased operations. (Sahinen, 1957.)

The Minerals Yearbook (not available at the time of this application) records shipments for the years 1926, 1930, 1936, 1937, 1938, 1939, 1940, 1942, 1943, 1944, and 1948. The present company shipped 24 tons of concentrates from test operations in the summer of 1957. See attachments. There is no production at the present time. Mine is under development.

(d) The U.S. Bureau of Mines gave a figure of probable 50,000 tons of ore.

Present operations have disclosed possible reserves of 1000 tons of ore in the No. 1 raise of the lower adit level of the Hidden Treasure. This ore is estimated to average: Cu-2.3%, Pb- 2.0%, Ag - 7 oz., Au - .05 oz.

(e) The country rock in the vicinity of the Hidden Treasure is a micaceous quartzite of the Belt series rocks of Pre-Cambrian age. The quartzite is intruded by a granodiorite stock which is believed to be an extension fm of the Garnet stock. Mineralization of the Hidden Trea Hidden Treasure is localized in a composite vein or shear zone which strikes approximately N 40°E and dips approximately 80° to the east. What appears to be a continuation of this structure crosses the

Cascade, Eagle, and Cape Nome claims. In the Cape Nome, the structure is entirely within the granodiorite and strikes almost due north and dips west. Several basic dikes have been noted on the Hidden Treasure, but their relationship to the mineralization is not known at the present time. South of the Hidden Treasure and across Wallace Creek, are found Paleozoic shales and quartzites possibly belonging to the Silver Hill formation of Cambrian age. It is believed that Wallace Creek represents the surface expression of a fault that brings these rocks and the Belt rocks into contact.

The predominant ore minerals at the Hidden Treasure are chalcopyrite, tetrahedrite, galena, and pyrargyrite in order of abundance. The gangue is composed of quartz, with minor pyrite, siderlite, and barite.

Mineralogy differs somewhat at the Cape Nome. Here the primary ore minerals are chalcopyrite, bornite, chalcocite, and argentiferous tetrahedrite. Hematite, quartz and barite are the main gangue minerals. Gold is present in both deposits.

(f) From ore bodies examined in the Hidden Treasure on the south and in the Cape Nome on the north and from surface exposures on the Cascade outcrop, it is reasonable to assume that there is a good possibility of finding ore at depth under the Cascade. A small prospect cut to the north of the Cascade outcrop yielded the following assay:

1.0' width - 0.20 oz. Au, 1.5 oz. Ag, Tr. Pb, 3.4% Cu.

According to Sahinen (1957), (p.33) in 1939, 10 cars of 3% copper ore were shipped from the Cascade outcrop. This ore was taken from the zone of leaching and higher values should be expected at depth.

(g) See enclosures. Return those copies marked "to be returned."

3. ACCESSIBILITY TO PROJECT

(a) D. E. Hintzman (company geologist)
Box 356
Milltown, Montana

Mr. Hintzman can meet with D.M.E.A. representatives at their convenience.

The property can be reached from the town of Clinton, Montana, which is located 17 miles east of Missoula on highway U.S. #10. From Clinton, turn east onto the Wallace Creek road and continue for two miles to the mine property. It could be arranged that a man from Nora Exploration Co. meet D.M.E.A. representatives in

Missoula, Montana.

(b) The nearest shipping point is at Clinton, Montana, which is two miles by good graveled road from the property. The nearest supply point is Missoula, Montana, which is located 17 miles west of Clinton. However, some materials must come from Butte, Montana or Wallace, Idaho.

Housing is available in Clinton, Montana. Five employees of of the Company reside on the mining property. Housing is also available at Milltown, Montana, which is located 10 miles west of the property.

4. THE EXPLORATION PROJECT:

(a) The exploration project is outlined below in five steps:

1. See figure 1. The existing haulage-way must be straightened in two places (dashed in red in figure 1) to facilitate ore and waste haulage. An estimated 55 feet of drift must be driven between stations 5 and 7. In addition, 48 feet of drift must be driven between stations 15 and 17 to facilitate haulage, and provide shorter radius curves. Both of the above projects should be 6 feet wide with an 8 feet back.

2. A parting is planned between stations 11 and 12 to facilitate haulage traffic. This project will widen the existing drift at this point another five feet and will be 40 feet in length. The back must be 8 feet at this place. (see figure 1 - dashed in green)

3. 300 feet of the existing workings must be regraded. All of the foregoing projects represent rehabilitation of existing workings to facilitate the proposed exploration program.

4. A drift 1342 feet in length, 6 feet wide and 8 feet high is proposed to explore the mineralized structure of the Hidden Treasure vein and to explore at depth the favorable surface indications of the Cascade outcrop. (see fig. 1- dashed in blue)

5. A crosscut 150' in total length and 75 feet to either side of the main drift from a point under the Cascade outcrop. This crosscut should be 6 feet wide and have an 8 feet back. (see fig. 1 - dashed in blue)

(b) None

(c) Work should start on Sept. 1, or Oct. 1, 1958, whichever time is closest to date of approval.

Estimated 175 working days to complete this project.

5. EXPERIENCE:

The applicant's operating experience stems from three years development work on this project. Personnel within this company are competent and practical mining men with many years' practical experience, in coal and metal mining. Additional personnel will be chosen as needed from experienced and qualified mining men from either the Coeur d'Alene or Butte mining areas. Recently the company has employed a full-time geologist who is assisted on a part-time basis by a local engineer.

6. ESTIMATE OF COSTS:

(a) None

(b) Figure of $33/ft. includes personnel costs.

One geologist	
One foreman	
Six (6) miners	175 working days
One engineer (part-time)	
Accounting	

All personnel are available in this area or in the Coeur d'Alene or Butte mining areas.

(c) Figure of $33/ft. includes materials costs.

Fuel
Lumber
Timber
Rails
Pipe, spikes, powder, fuse, primers, bolts and nails

(d)

1 transmire special, furnished by applicant	$2,500.00
1 GE electric battery trammer, purchased	3,800.00
10 2½ ton Ajax side dump cars, furnished by applicant	4,000.00
2 blowers, furnished by applicant	- --- --
drills and drill steel, purchased	2,500.00
compressor, furnished by applicant	3,000.00
mucking machine, furnished by applicant	2,500.00
slushers, and timber hoists, furnished by applicant.	2,500.00
1 diesel generator unit, purchased	4,200.00
shop facilities, small tools, welder, torches, etc. furnished by applicant.	- --- --

(e) None

(f) None

(g) General maintenance of cars, trammers, compressor, drills, mucker, blower, with unforseeable type of breakdowns, estimated by previous operation of said equipment to be approximately 10% of purchase price, and listed under estimated $53/ft.

7. Yes

Costs are to be furnished by applicant through:

1. providing money

2. use of equipment

3. other

EXTRA COPY O. M. E. RECEIVED JAN 2 1959		
DATE	INITIALS	CODE

December 31, 1958
Re: OME-3074
Mera Exploration Co.
Hidden Treasure Claims
Missoula County, Montana
Appl. Est. $61,146 - Copper-Lead

Memorandum

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

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

Subject: Review of application

The applicant requested assistance in the rehabilitation of old workings and the exploration of the projected downward extensions of veins from which a few thousands of tons of ore have been mined. Possible reserves of ore, as estimated by the applicant, amount to 1,000 tons of Cu 2.3%, Pb 2.0%, Ag 7 oz, and Au 0.05 oz material.

Referral of the application to the Field Team is recommended.

N. E. Nelson

N. E. Nelson

cc: OME (3)
A. B. McMahan, 3623
Director's reading
Branch reading
Chrch. file
Docket file
NENelson/mm
G-MD-12-31-58

EXTRA COPY
O. M. E.
RECEIVED JAN 2 1959
DATE | INITIALS | CODE

December 31, 1958
Re: [illegible]
Nova Exploration Co.
Hidden Treasure Claims
Missoula County, Montana
Appl. Ret. $62,146 - Copper-Lead

Memorandum

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

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

Subject: Review of application

The applicant requested assistance in the rehabilitation of old workings and the exploration of the projected downward extensions of veins from which a few thousands of tons of ore have been mined. Possible reserves of ore, as estimated by the applicant, amount to 1,000 tons of Cu 2.3%, Pb 2.0%, Ag 7 oz, and Au 0.05 oz material.

Referral of the application to the Field Team is recommended.

N. E. Nelson

N. E. Nelson

cc: [illegible] (3)
A. B. Mathson, 3623
Director's reading
Branch reading
Chron. file
Docket file
NENelson/mm
G-RD-12-31-58

EXTRA COPY
O. M. E.
RECEIVED JAN 2 1959

DATE	INITIALS	CODE

December 31, 1958
Re: [illegible]
[illegible] Exploration Co.
Hidden Treasure Claims
Blaine County, Montana
Appl. Nat. [illegible] - Copper-Lead

Memorandum

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

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

Subject: Review of application

The applicant requested assistance in the rehabilitation of old workings and the exploration of the projected downward extensions of veins from which a few thousand of tons of ore have been mined. Possible reserves of ore, as estimated by the applicant, amount to 1,000 tons of Cu 2.3%, Pb 2.0%, Ag 7 oz, and Au 0.05 oz material.

Referral of the application to the Field Team is recommended.

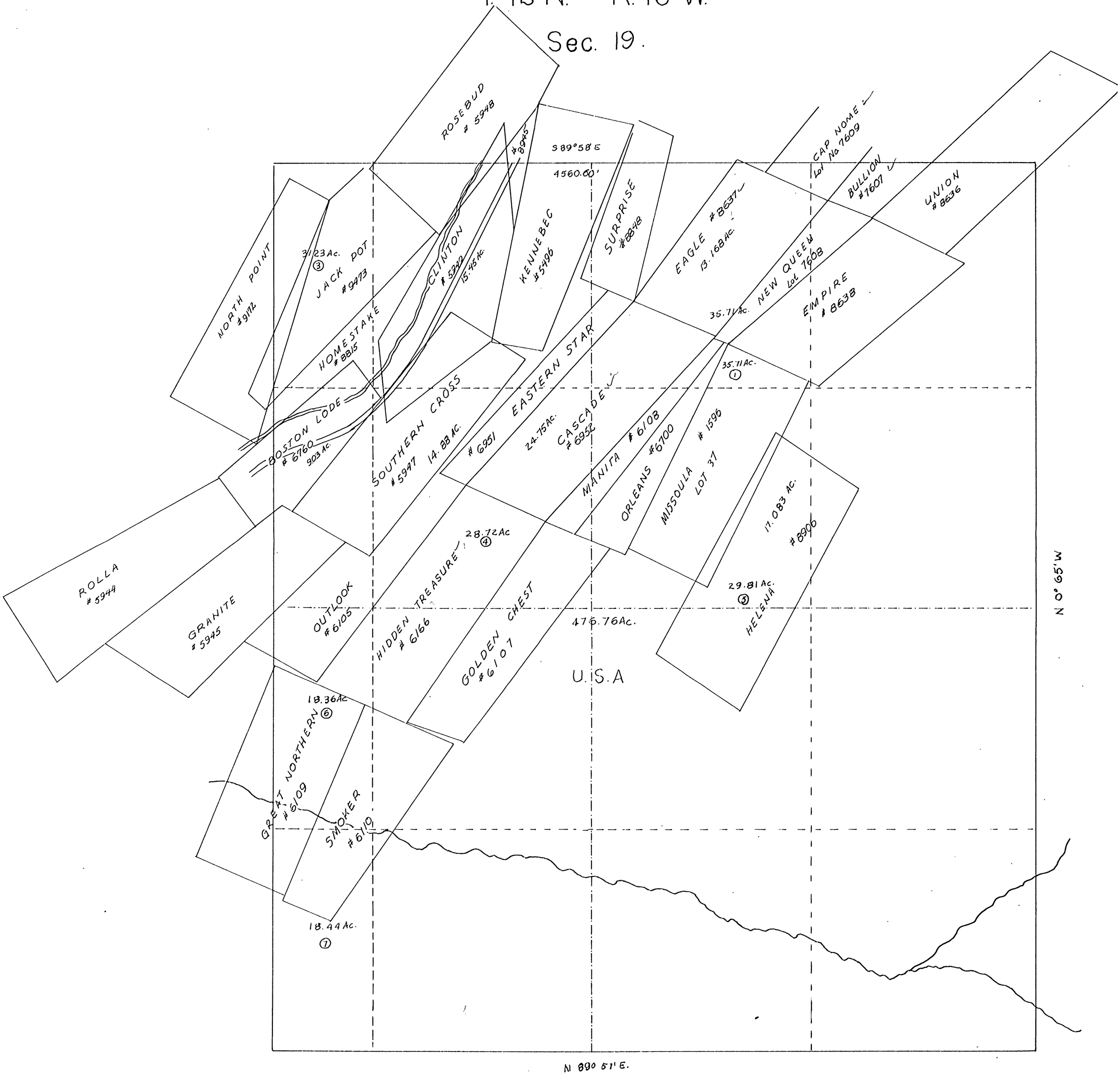
H. E. Nelson

H. E. Nelson

cc: OMM (3)
A. B. Mathison, 3623
Director's reading
Branch reading
Chron. file
Docket file
HENelson/mm
6-MB-12-31-58

T. 12 N. R. 16 W.

Sec. 19.



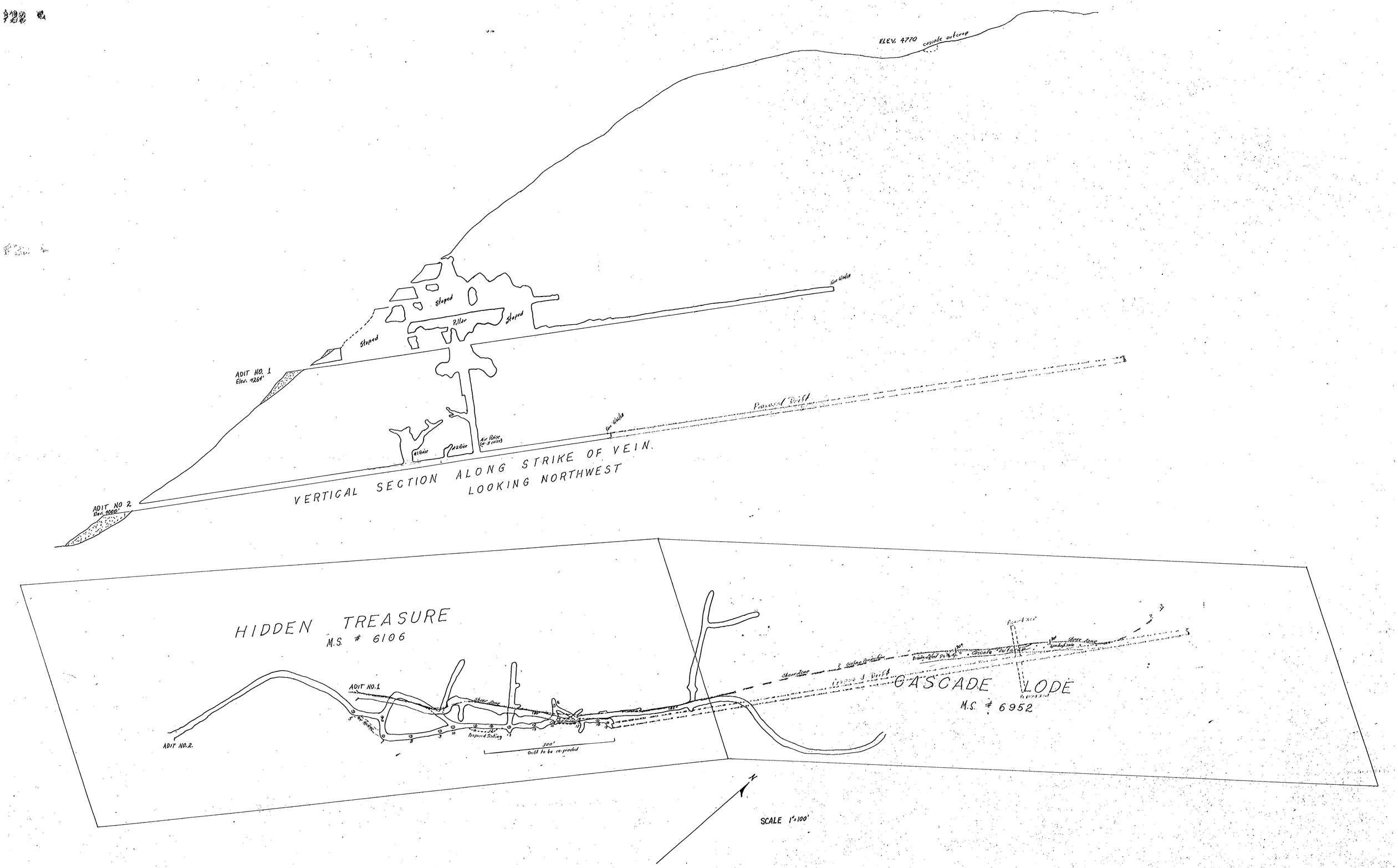
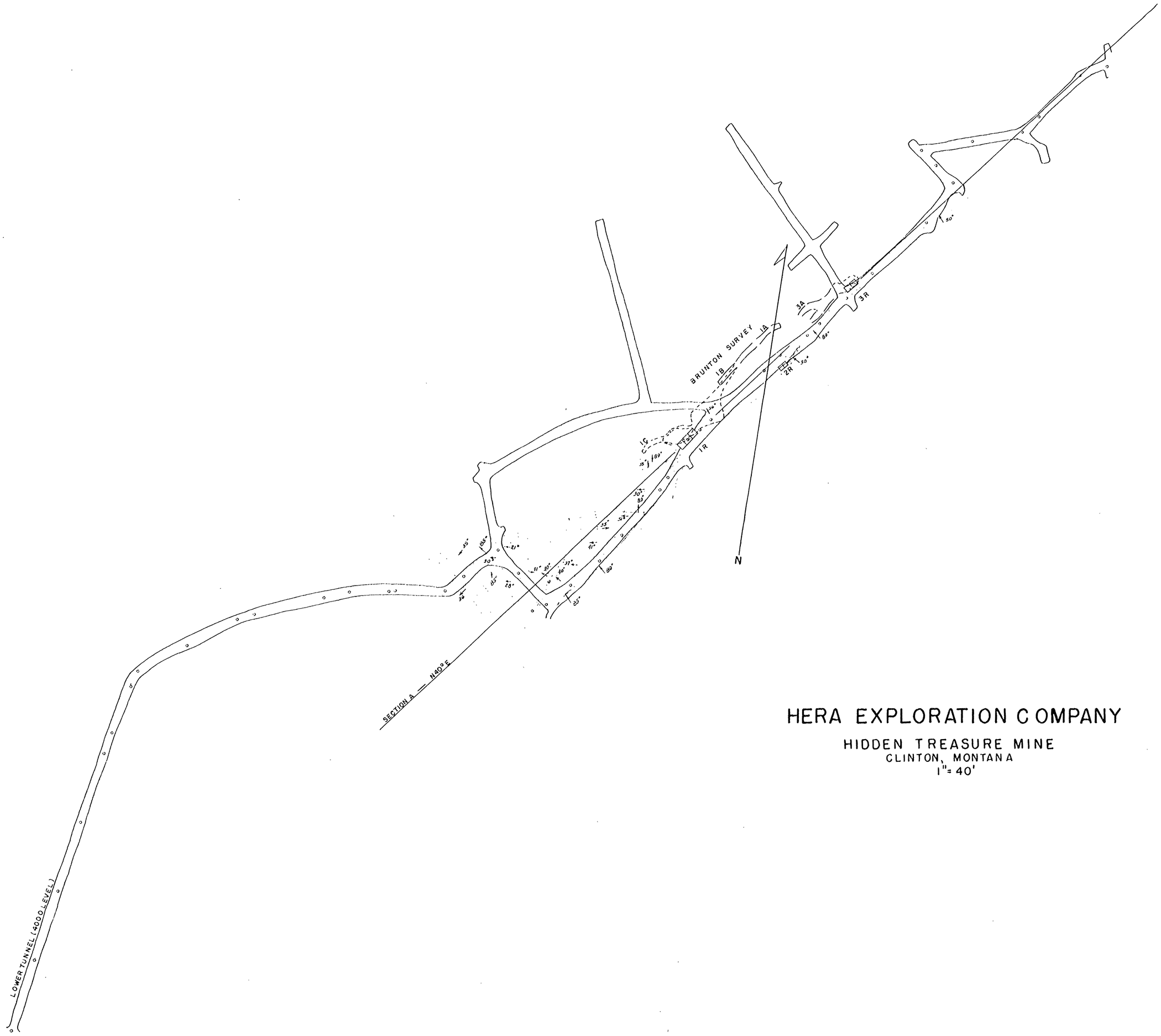


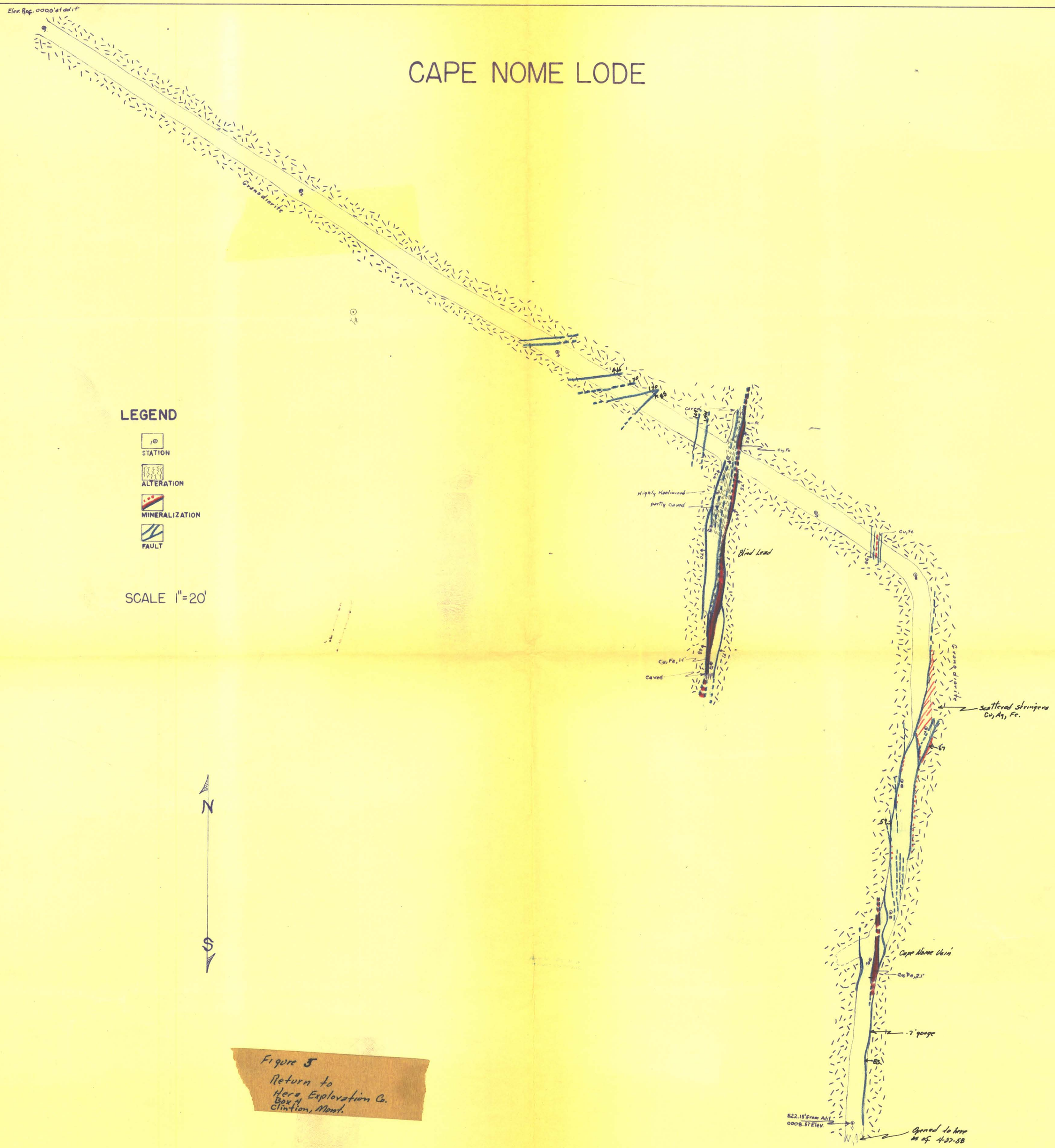
FIG. I. PLAN and VERTICAL SECTION, HIDDEN TREASURE MINE



HERA EXPLORATION COMPANY

HIDDEN TREASURE MINE
CLINTON, MONTANA
1" = 40'

CAPE NOME LODE



LEGEND

STATION

ALTERATION

MINERALIZATION

FAULT

SCALE 1"=20'

N

S

Figure 5
Return to
Hera Exploration Co.
Box 4
Clinton, Mont.

HERA EXPLORATION COMPANY 1958

Plotted by D.E.H. 4-27-58