IMEA Form 9

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE

IMEA NO. 4242-

Application (Denied
(Withdrawn
(After disposition, delete items not applicable)

Contract (Terminated - not Certified
(Cancelled
(X (Terminated - Certified
(Royalty Agreement

This is the official contract file containing all official records of the project. The records contained in the files are checked and are arranged in this order:

Left Side

Interim Royalty Audits
Reports of Royalty Review
✓ Certification of Discovery/2-13-57
Certificate of Audit (Final)
Interim Audit(s)
✓ Report of Review
Termination Notice or Agreement
Recision Notice
Assignment of Contract
✓ Contract Amendments (latest on top)
✓ Contract with all exhibits and annexes
Owner's Consent to Lien
Subordination Agreement
Leases and assignments of leases
✓ Application and attachments
(3) ✓ Envelope for maps

Right Side

X Project summary
✓ Work completed analysis
All other material is filed in chronological order with correspondence including the following reports as checked:

✓ Final Field Team Report (Tab) 4/2/58
✓ Operator's Final Report 9/13/57
(2R) Interim Reports
(2R) ✓ Operator's monthly reports and all attachments (latest on top)
✓ On-site Exam Report(s) (Tab)
(4) Settlement Sheets

When the volume of records is expected to warrant additional folders, or when convenience of reference warrants separate folders for certain records, they should be set up in this order:

Left Side

Folder No. 2: (In chron. order) Interim Summary Reports by W. O. Engineers

Right Side

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

Folder No. 3: Maps (Use pocket folder or envelope. Fold maps with title block out and show reference to related document or correspondence.)

Folder No. 4: Settlement Sheets

Folder No. 5: Drill Logs

9775

OFFICE OF MINERALS EXPLORATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF ROYALTY REVIEW

I have reviewed the files of the Washington office pertaining to Contract Idm-81009, DMEA-4242 (Lead-Zinc), dated September 14, 1956, with

Privateer Mining Company
211 South 3rd East Street
Springville, Utah

for the purpose of determining the amount of royalty due the U. S. Government on sales of minerals from property referred to as Privateer Mine located in Juab County, Utah, during the period May 7, 1960, through September 5, 1961.

A certification of discovery or development was issued on December 13, 1957, and, in accordance with Article 6 and Amendment No. 1 of the contract, royalty is payable on all minerals mined or produced from the land described in Article 2 of the contract for a period of 11 years from the date of the contract or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first. A Report of Review dated October 9, 1957, indicated accepted costs under the exploration contract amounting to $5,547.00 with the Government's contribution, on a 50 percent basis, being $2,773.50.

The status of the project, the scope of review, and the reasons therefor are stated on page 2.

This review established the total sales of crude ore for the period to be $1,170.65. Royalty due the Government at rates specified in the contract is $47.05.

A prior Report of Royalty Review dated May 10, 1960, found the sales subject to Government royalty through May 6, 1960, to be $2,849.31 which added to the sales for this subsequent period make a total of $4,019.94. The royalty account as of May 6, 1960, was:

Total Royalty Due	$124.15
Total Royalty Paid	142.47
Overpayment of Royalty	$ 18.32

At September 5, 1961, the royalty account of this project was found to be:

Total Royalty Due	$171.20
Total Royalty Paid	201.00
Overpayment of Royalty	$ 29.80

September 11, 1961

E. D. Talbert, OME Auditor

STATUS OF PROJECT, SCOPE OF REVIEW AND REASONS THEREFOR

The only mining operations on the property since the date of the prior Report of Royalty Review were during the summer of 1960. International Smelting and Refining Company continued to withhold and pay to the Government royalty at 5 percent of the net value of each lot instead of basing such payments on the percentage rates provided by the contract. This resulted in the overpayment of royalty during the period in the amount of $11.48, which added to the overpayment stated in the prior Report of Royalty Review, results in a net overpayment to date of $29.80, computed as follows:

Smelter Lot	Net Proceeds	Value per SDT	Royalty Paid Rate	Royalty Paid Amount	Royalty Due Rate	Royalty Due Amount	Royalty Over-payment	
I-2186	$678.27	$11.41	5%	$33.91	4½%	$30.52	$3.39	
I-2200	608.10	10.59	5%	30.41	4%	24.32	6.09	
I-2215	588.90	10.15	5%	29.45	3½%	20.61	8.84	$18.32
I-2397	469.41	11.00	5%	23.47	4½%	21.12	$2.35	
774	128.98	4.86	5%	6.45	1½%	1.93	4.52	
I-2412	131.78	7.83	5%	6.59	1½%	1.98	4.61	11.48
								$29.80

The property is now inactive. Only ten lots of production were sold, of which five were during the period covered by the prior review and five were during the period covered by this review. Lot No. 10 shipped during August 1960 was sold at a loss to the Operator.

This review was made in lieu of an on-site audit of the Operator's accounts and records and for the following reasons:

(1) Inspection reports by representatives of the Acting Field Officer, Region III, and other information in that office indicate that all production from the subordinated land has been reported and proper royalty has been received by the Government except as indicated above; and

(2) The administrative cost to the Government of an on-site royalty audit at this time would be excessive in relation to the amount of possible additional royalty which might be disclosed.

MME Form 22
Dec. 60

DEPARTMENT OF THE INTERIOR
Office of Minerals Exploration

CHECK SHEET OF EXAMINING ENGINEER

Operator's Name and Address

Privateer Mining Company

Privateer Mine

Juab County, Utah

Contract No.	Docket No.
Idm-E1009	DMEA-4242 (Lead-Zinc)

Prepared by (Signature)	Date
T. M. Romslo	9/5/61

Yes	No		
	x	1.	(a) Does the Operator stockpile ore subject to royalty repayment?
			(b) If so, is segregation and identification procedure adequate?
	x	2.	(a) Does the Operator commingle production subject to DMEA or OME royalties with exempt production?
			(b) If so, is the allocation of the commingled production equitable?
	x	3.	(a) Does the Operator stockpile mine or mill rejects (low grade ore, tailing, middlings, etc.) that may have potential value within the royalty payment period?
			(b) If so, are adequate records maintained on such material to protect the Government's interest?
x		4.	Are the assay controls in effect adequate?
x		5.	Does the manner of disposing of production give the Government its fair royalty returns?
x		6.	Do your periodic examinations of operations indicate the Operator is properly reporting his production of ores subject to DMEA or OME royalties?
	x	7.	Does the Operator buy from or sell to other Operators?

8. Current status of property. (Check one).

- [ ] Operating.
- [x] * Inactive.
- [ ] Abandoned.

_____ Date of last production if not operating.

Comment on items 1(b), 2(b), 3(b), and 4 to 6, if answer is No:

* All activity ceased during August 1960
Renewal of mining operations dependent upon more favorable economic conditions.

84861-60

Transcribed

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OFFICE OF MINERALS EXPLORATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF ROYALTY REVIEW

I have reviewed the files of the Office of Minerals Exploration, Washington, D. C., and the Acting Field Officer, OME Region III, Denver, Colorado, pertaining to Contract No. Idm-E1009, Docket No. DMEA-4242 (Lead-Zinc), dated September 14, 1956, with

Privateer Mining Company
308 East 1st South
Prove, Utah

for the purpose of determining the amount of royalty due the U. S. Government on sales of minerals from property referred to as Privateer Mine located in Juab County, Utah, during the period September 14, 1956, through May 6, 1960.

A certification of discovery or development was issued on December 13, 1957, and, in accordance with Amendment No. 1 of the contract, royalty is payable on all minerals mined or produced from the land described in Article 2 of the contract for a period of 11 years from the date of the contract or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first. A Report of Review in lieu of final audit dated October 9, 1957, indicated accepted costs under the exploration contract amounting to $5,547.00 with the Government's contribution, on a 50 percent basis, being $2,773.50.

The status of the project, the scope of review, and the reasons therefor are stated on page 2.

This review established the total sales of crude ore for the period to be $2,849.31. Royalty due the Government at rates specified in the contract is $124.15. The royalty paid and the balance due are as follows:

Total Royalty Due	$124.15
Total Royalty Paid	142.47
Overpayment of Royalty	$ 18.32

C. E. Fisher

C. E. Fisher, OME Auditor

May 10, 1960

Idm-81009 Privateer Mining Company DMEA-4242

STATUS OF PROJECT, SCOPE OF REVIEW
AND REASONS THEREFOR

Operations were discontinued in August 1959 as a result of the smelter strike. Resumption of operations in 1960 will be dependent upon the price of zinc.

My review included a recomputation and tabulation of copies of settlement sheets furnished by International Smelting and Refining Company, Tooele Plant, Salt Lake City, Utah, in support of remittance of Government royalty withheld from settlements with the Operator and paid directly to the OME Region III office. The tabulation is filed with my audit work-papers. Erroneous computations of royalty resulting in overpayment amounting to $18.32 were noted, as follows:

	Net	Value	Royalty paid		Royalty due	
Smelter Lot	Proceeds	per SDT	Rate	Amount	Rate	Amount
I-2186	$678.27	$11.41	5%	$33.91	4½%	$30.52
I-2200	608.10	10.59	5%	30.41	4%	24.32
I-2215	588.90	10.15	5%	29.45	3½%	20.61
			Totals	$93.77		$75.45
			Overpayment	18.32		
				$75.45		

This review was made in lieu of an on-site audit of the Operator's accounts and records for the following reasons:

(1) Inspection reports by representatives of the Field Team, Region III, and other documents in the files indicate that all production from the subordinated land has been reported and royalty due to the Government has been received; and

(2) The administrative cost to the Government of an on-site royalty audit at this time would be excessive in relation to the amount of possible additional royalty which might be disclosed.

MME Form 22
April 59

DEPARTMENT OF THE INTERIOR
Office of Minerals Exploration

CHECK SHEET OF EXAMINING ENGINEER

Operator's Name Privateer Mining Company

Address 308 East 1st South

Provo, Utah

Exploration Contract No. Idm-E1009 Docket No. DMEA-4242

			Check One Yes	Check One No
1.	(a)	Does the Operator stockpile ore subject to royalty repayment?		X
	(b)	If so, is segregation and identification procedure adequate?		
2.	(a)	Does Operator commingle production subject to DMEA or OME royalties with exempt production?		X
	(b)	If so, do you consider the allocation of the commingled production equitable?		
3.	(a)	Does the Operator stockpile mine or mill rejects (low grade ore, tailing, middlings, etc.) that may have potential value within the royalty payment period?		X
	(b)	If so, are adequate records maintained on such material to protect the Government's interest?		
4.		Do you consider the assay controls in effect are adequate?	X	
5.		Do you consider that the manner of disposing of production gives the Government its fair royalty returns?	X	
6.		Do your periodic examinations of operations indicate the Operator is properly reporting his production of ores subject to DMEA or OME royalties?	X	
7.		Does the Operator buy from or sell to other Operators?		X
8.		Comment on any item 2 (b) to 6 if answer is No.		

Operations were discontinued in August, 1959, due to the smelter strike. May be resumed in 1960, dependent upon the price of zinc, low grade ore.

May 10, 1960
Date

Hugh M. Connors
~~Mining Engineer~~
Actg. Field Officer, OME, Region III

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
	Miami	500
	Parker	140
	Sanger	140
12/11 12/11	Chamberlin	800
12/13	Bridge	130
12/13	Lamb	130
12/13	Nelson	130
"	Johnson	110
"	Mitchenor	100

HB
220
500

CERTIFICATION BY THE UNITED STATES OF AMERICA OF A DISCOVERY OR DEVELOPMENT UNDER AN EXPLORATION PROJECT CONTRACT

To: Mr. Clinton C. Jenkins, President
Privateer Mining Company
308 East First Street
Provo, Utah

Pursuant to the provisions of Exploration Project Contract No. Idm-E1009, dated September 14, 1956, Docket No. DMEA-4242, hereinafter called the "contract", between Privateer Mining Company, a Utah corporation, and the United States of America, hereinafter called the "Government"; to establish and fix the Government's percentage royalty on production and its lien thereon and on the land described in the contract, the Government considers and therefore certifies that discovery or development from which production may be made has resulted from the exploration work.

The nature of said discovery or development is described broadly or indicated as follows: Drifting on the 410 Adit level has proved the existence of lead-zinc ores occurring as replacements and fracture fillings within a breccia zone in limestone.

Dated: DEC 1 3 1957

THE UNITED STATES OF AMERICA

By O. P. Mitchenor
Administrator, Defense Minerals
Exploration Administration

WRGriswold/er 12/4/57
Copy to: Docket
Admr R File
Mr. C.A. Fredell,DR.TDS.DMS
Mr. Lamb, USBM
Mr. Kiilsgaard, USGS
Op. Committee
Cont. Adm & Audit Div.
Finance Office
Region III (2)
F. E. Johnson
W. R. Griswold
Chron.

8623

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

EXTRA COPY
DMEA
RECEIVED OCT 14 1957

DATE			
10-15	JHC		800
15			100
"	JEJ		110
10/16	Jwa		120 ✓
			500

10/21

REPORT OF REVIEW

I have reviewed the Monthly Reports of:

Privateer Mining Company,
308 East 1st South Street
Provo, Utah

pertaining to Exploration Project Contract No. Idm-E1009, Docket No. DMEA-4242, including Amendments Nos. 1 and 2, for the months of October, 1956 to Sept., 1957, covering a project for the exploration of Lead-Zinc on property known as Privateer et al. Mining Claims located in Juab County, Utah.

My review included an examination of the Monthly Reports (Form MF-104) and supporting documents attached thereto, comparison of the costs claimed with the contract and pertinent schedules, consultation with the Executive Officer, DMEA Field Team, and a determination of the reasonableness and propriety of the costs.

This review was made in lieu of a final audit of the Operator's accounts and records for the following reason:

> All of the costs incurred were under a contract provision for payment by the Government on the basis of fixed unit costs for work actually performed.

The review disclosed the following facts in regard to the amount paid or to be paid the contractor:

Total cost as billed by Contractor		$5,547.00
Exceptions:		
By DMEA Finance Officer	$0.00	
Herewith	0.00	0.00
Total Accepted Cost		$5,547.00

The contract calls for a 50 percent participation of exploration expenses by the United States Government. Therefore, payment to the contractor by the Government in the amount of Two thousand, seven hundred seventy-three and 50/100ths Dollars

** $2,773.50 **

is considered valid and proper, provided that the Regional Executive Officer, the Administrator, or other competent official has accepted or will accept the project as having otherwise met the terms of the contract.

October 9, 1957

T. H. Brading, Auditor

Government's Copy

OFFICIAL FILE COPY
DMEA
RECEIVED AUG 5 1957

DATE	INITIALS	CODE

EXPLORATION PROJECT CONTRACT
PRIVATEER MINING COMPANY
DOCKET NO. DMEA 4242
CONTRACT NO. Idm-E1009

AMENDMENT NO. 2

It is agreed this 24th day of July, ~~1957, between the United~~ States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and Privateer Mining Company, hereinafter called the "Operator," parties to that certain Exploration ~~Project Contract No.~~ Idm-E1009, Docket No. DMEA 4242, dated September 14, 1956, hereinafter called the "Contract," that the Contract is amended, effective June 15, 1957, as follows:

1. The date fixed by Amendment No. 1 for the end of suspension of operations is extended from June 15, 1957 to July 15, 1957.

2. The period fixed in Article 1, as amended by Amendment No. 1, within which the Operator shall complete the work, is increased from eleven (11) months to twelve (12) months from the date of the Contract.

This amendment shall not be construed to increase the estimated total cost of the project, the aggregate amount which the Government may be required to contribute, nor the fixed unit cost of any item of work.

Executed in quintuplicate the day and year first above written.

PRIVATEER MINING COMPANY

By Clinton C. Jenkins
Clinton C. Jenkins
President, General Manager,
and Director

(SEAL)

UNITED STATES OF AMERICA

By E. M. Hoxe Ameen
Acting Executive Officer, DMEA
Field Team, Region III

EXPLORATION PROJECT CONTRACT
PRIVATEER MINING COMPANY
DOCKET NO. DMEA 4242
CONTRACT NO. Idm-E1009

AMENDMENT NO. 1

It is agreed this 14th day of November, 1956, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and Privateer Mining Company, hereinafter called the "Operator," parties to that certain Exploration Project Contract No. Idm-E1009, Docket No. DMEA-4242, dated September 14, 1956, that:

RECEIVED DEC 3 1956 DMEA

1. (a) Work under the Contract shall be suspended during the period beginning October 21, 1956, and ending not later than June 15, 1957.

   (b) No costs incurred by the Operator during the period of suspension shall be allowable for contribution by the Government and the Government shall not contribute to any costs of rehabilitation or repair which, in its opinion, would not have occurred if there had been no suspension of work.

   (c) The Operator, at his own cost and expense, without contribution by the Government, during the period of suspension shall preserve and protect the project work and any property in which the Government has an interest.

2. The period fixed in Article 1, within which the Operator shall complete the work, is increased from five (5) months to eleven (11) months.

3. The maximum period for royalty payments and lien for payment thereof provided for in the contract, is increased to eleven (11) years.

This amendment shall not be construed to increase the estimated total cost of the project, the aggregate amount which the Government may be required to contribute, nor the fixed unit cost of any item of work.

Executed in sextuplicate the day and year first above written.

PRIVATEER MINING COMPANY

By Clinton C. Jenkins
Clinton C. Jenkins
President, General Manager, and
Director

(SEAL)

UNITED STATES OF AMERICA

By W. M. Jones
Executive Officer, DMEA
Field Team, Region III

Docket Copy

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MF-200A
(Rev. April 1956)

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
EXPLORATION PROJECT CONTRACT
(Short Form)

DMEA No.	*Commodity*	*Contract No. Idm–E*	*County*	*State*
4242	Lead-Zinc	1009	Juab	Utah

It is agreed SEP 1 4 1956, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and Privateer Mining Company, a Utah Corporation

whose mailing address is 308 East 1st South
Provo, Utah
hereinafter called the "Operator," as follows:

ARTICLE 1. *Authority and project.*—(a) This contract is entered into under the authority of the Defense Production Act of 1950, as amended. It consists of this form (MF–200A), the attached Annex I (land description), Exhibit A (work and costs), and the maps and documents listed therein. The project work is a search for indicated or undeveloped deposits of the commodity designated above. The Operator shall begin the work on or before October 8, 1956, and, subject to the provisions of Article 7 and Exhibit A, shall complete the work within five months from the date of the contract.

(b) The description of the work and the fixed cost for each unit of work to be performed (per foot of drilling, per foot of drifting, per hour of operations, etc.) are hereby agreed upon as specified in Exhibit A. The estimated total cost of the project work is $5,820.00. The Government will contribute 50 percent of the fixed unit cost of the work performed, not exceeding $2,910.00, in accordance with the provisions of Articles 4 and 5.

(c) The Operator shall not transfer or assign this contract or any right or obligation thereunder without the written consent of the Government.

ARTICLE 2. *Operator's property rights.*—(a) The Operator represents and undertakes that Annex I correctly describes the land which is the subject of this contract and the nature of the Operator's rights of property and possession therein (whether as owner, lessee, or otherwise), and that such right, title, or interest is subject only to the following claims, liens, or encumbrances: See Annex I

(b) The Subordination Agreement of the holder of any claim, lien, or encumbrance listed above and (if the Operator does not hold the legal title) the Consent to Lien of any holder of the legal title of the land (lessor, seller, optionor, etc.) are attached, as follows: None

(c) The Operator shall preserve and maintain his right, title, and interest in the land and his right to the possession thereof for the purposes of this contract, and shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of this contract. The Operator shall neither transfer, convey, nor surrender the land nor any right, title, or interest therein, nor permit nor suffer any claim, lien, or encumbrance thereon, without expressly referring to and providing

in the instrument of conveyance, lien, or encumbrance for the preservation of the Government's right to a percentage royalty on production and lien for the payment thereof. Two copies of such instrument shall be furnished to the Government. If the Government's rights to royalty as provided in Article 6 have been terminated, the provisions of this paragraph (c) shall become inapplicable.

ARTICLE 3. *Performance of the work.*—(a) Operator's responsibility.—The work shall be performed diligently, efficiently, expertly, in a workmanlike manner, and in accordance with good mining standards and State regulations governing health, safety, and liability insurance covering employment. The Operator shall provide suitable and adequate equipment, facilities, materials, supplies, and labor to complete the work, as specified in Article 1 (a).

(b) *Government may inspect.*—The Operator shall consult with and inform the Government on all phases of the work as it progresses. The Government may enter at all reasonable times to inspect the work under the contract, and also after certification of discovery or development, to inspect production operations and underground workings. The Operator shall provide the Government with all reasonable means of access for such inspections.

ARTICLE 4. *Contribution by the Government.*—The Government will make its contribution on the basis of the monthly vouchers referred to in Article 5 (b); but all payments by the Government are provisional only, subject to audit, and until the account between the Operator and the Government is finally audited and settled and the Operator's final report has been rendered, the Government may withhold such sums as it sees fit but not in excess of 10 percent of the estimated total cost of the work. To the extent that excesses over fixed unit costs or any excess over the estimated total cost may be necessary for the performance of the work, the Operator shall incur and pay such excesses for his own account without contribution by the Government. The Government will not contribute to the cost of any work performed prior to the date of this contract. The Government may make payments for the account of the Operator directly to independent contractors and suppliers rather than to the Operator.

ARTICLE 5. *Reports, accounts, audits.*—(a) Operator's records.—The Operator shall keep suitable records and accounts of the units of work performed and of any production in which the Government may have an interest; and shall preserve those with respect to work performed for at least three years after final payment by the Government, and those with respect to production for at least three years after any obligation to pay royalties to the Government has terminated. The Government may inspect and audit said records and accounts at any time, either by itself or by a certified public accountant. The Comptroller General of the United States or his representative, until the expiration of said three-year periods, shall have access to and the right to examine all pertinent books, documents, papers, and records of the Operator.

(b) *Progress reports and vouchers.*—The Operator shall provide the Government with five copies of monthly progress reports in three sections as follows: (1) Operator's Monthly Report and Voucher showing a detailed statement of units of work performed during the reporting period; (2) Operator's Unit Cost and Progress Report showing the various types of work performed during the reporting period and the fixed unit costs incurred for each type of work; and (3) a Narrative Report of the work performed during the reporting period including adequate engineering-geological maps or sketches, drill hole logs and locations, and assay reports on samples taken concurrently with advance in mineralized ground. (Forms for reporting under (1) and (2) above will be provided by the Government.)

(c) *Final report.*—Upon completion of the work or termination of the Government's obligation to contribute to costs, the Operator shall furnish the Government with five copies of a final report (in addition to the final progress report and voucher). This final report shall include a geological and engineering evaluation of the results of the work performed under the contract with an estimate of the ore reserves resulting from such work, complete assay data, adequate geological and engineering maps or sketches, and a summary of the work performed and the unit costs thereof.

(d) *Report of sales.*—The Operator shall provide the Government with suitable accounting and documentary evidence covering all production to which the Government's percentage royalty relates, such as copies of smelter or concentrator settlement sheets, and certified accounts of production and sale or other disposition of production.

(e) *Compliance with requirements.*—If in the opinion of the Government any of the Operator's reports, records, or accounts are insufficient or incomplete, or if the Operator fails to make them, the Government may procure the making or completion of such with suitable attachments as an expense of the work to which the Operator shall contribute. The Government may withhold approval and payment of any vouchers relating to insufficient or incomplete reports, records, or accounts.

ARTICLE 6. *Repayment by Operator.*—(a) *Certification.*—If the Government considers that a discovery or development from which production may be made has resulted from the work, the Government, at any time not later than six months after the Operator has rendered a sufficient final report (see Article 5), may so certify in writing to the Operator. Such certification shall describe broadly or indicate the nature of the discovery or development.

(b) *Royalty on production.*—The Operator, as principal if the Operator is the producer or as surety if the Operator is not the producer (for example, if the Operator either transfers or fails to retain his interest in the land), shall pay to the Government a royalty on all minerals mined or produced from the land, as follows: (1) regardless of any certification of discovery or development, from the date of the contract until the lapse of the time within which the Government may make such certification or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first; or (2) if the Government makes a certification of discovery or development, for a period of ten years from the date of the contract or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first.

(c) *Basis for computation.*—The Government's royalty shall be a percentage of the gross proceeds (including any bonuses, premiums, allowances, or other benefits) from the production sold, in the form sold (ore, concentrates, metal, or equivalent), at the point of delivery (the f. o. b. point); *except,* that charges of *the buyer* arising in the regular course of business, and shown as deductions on the buyer's settlement sheets, on account of the cost of treatment processes performed by *the buyer,* sampling and assaying to determine the value of the production sold, and freight paid by *the buyer* to a carrier (not the Operator), shall be allowed as deductions in arriving at the "gross proceeds" as that term is used herein. Any costs of treatment processes, sampling, assaying, or transportation performed or paid by the Operator or by anyone other than the buyer are not deductible in arriving at the "gross proceeds" as that term is here used. The term "treatment processes," as here used, means those processes (such as milling, concentrating, smelting, refining, or equivalent, but excluding fabricating or manufacturing) applied to the crude ore or other production after it is extracted from the ground to put it into a commercially marketable form.

(d) *Unsold production.*—If any production (ore, concentrates, metal, or equivalent) after the lapse of six months from the date the ore was extracted from the ground remains neither sold nor used by the Operator in integrated manufacturing or fabricating operations (for instance, if it is stockpiled), the Government, at its option, as long as it so remains, may require the computation and payment of its royalty on the value of such production in the form (ore, concentrates, metal, or equivalent) it is in when the Government elects to require computation and payment. If any production is used by the Operator in integrated manufacturing or fabricating operations before the Government makes its election, the Government's royalty on such production shall be computed on the value thereof in the form in which and at the time it is so used. "Value" as here used means what is or would be gross income from mining operations for percentage depletion purposes in Federal income tax determination, or the market value, whichever is greater.

(e) *Percentages of royalty.*—The percentages of the Government's royalty shall be as follows:

One and one-half (1½) percent of amounts ("gross proceeds" or "value") not in excess of eight dollars ($8.00) per ton of production in the form in which sold, held, or used, plus one-half (½) percent for each additional full fifty cents ($0.50) by which such amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) percent of such amounts.

(For instance: the royalty on an amount of five dollars ($5.00) per ton would be one and one-half (1½) percent; on an amount of ten dollars ($10.00) per ton, three and one-half (3½) percent.)

(f) *Time for computation and payment.*—The Government's royalty shall be computed and paid currently upon each lot sold, held, or used in integrated operations, as the case may be, as above provided in this Article.

(g) *Lien for payment.*—To secure the payment of its percentage royalty, there is hereby granted to the Government a lien upon the land or the Operator's interest in the land and upon any production of minerals therefrom until the royalty claim is extinguished by lapse of time or is fully paid.

(h) *Notice to purchasers.*—The Operator shall give notice of the Government's claim for royalty to any purchaser of the production, and shall authorize and direct such purchaser to pay the royalty directly to the Government and to furnish the Government with copies of the settlement sheets. If the records of any production and sales or other disposition of production, whether the production is by the Operator or by others, are not made available to the Government, the amount of the royalty may be estimated by the Administrator, Defense Minerals Exploration Administration, or his successor, and his estimate thereof shall be final and binding upon the Operator.

(i) *No obligation to produce.*—Nothing in this contract is to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any production operations.

(j) *Government not obligated to buy.*—Nothing in this contract shall be construed as imposing any obligation on the Government to purchase any minerals mined or produced from the land.

ARTICLE 7. *Termination of the Government's obligations.*—(a) If in the opinion of the Government operations at any time have failed to achieve anticipated results that indicate the probability of making a worthwhile discovery and in the opinion of the Government further operations are not justified, the Government may give the Operator written notice thereof, and thereupon the Government shall be free of all obligation to pay on account of units of work not then performed, and the Operator shall be free of all further obligation to prosecute the work other than such as may be necessary and incidental to winding up, reporting, and accounting.

(b) If in the opinion of the Government the Operator is in any manner in default under the terms of the contract, the Government may give the Operator written notice of such default with a specification of reasonable time within which the default must be cured; and if the Operator fails to cure such default as required, thereupon the Government shall be relieved of all obligation to pay on account of units of work not performed when the notice was given, and the Operator shall be free of all obligation to prosecute the work other than such as may be necessary and incidental to winding up, reporting, and accounting. The Government may also avail itself of any other remedy the law may provide for breach of contract, including the right to rescind the contract and to demand repayment of all moneys contributed by the Government under the contract.

(c) The giving of any notice by the Government under the provisions of this Article 7 shall not affect the Government's rights as provided for in the contract with respect to a percentage royalty, and liens to secure the payment thereof, and such rights shall be fully preserved.

ARTICLE 8. *Notices to be given by the Government* may be delivered to the Operator or may be sent by registered mail addressed to the Operator at the mailing address stated in this contract. If mailed, notices are deemed to have been delivered five days after the date of mailing.

ARTICLE 9. *Officials not to benefit.*—No member of or delegate to Congress or resident commissioner shall be admitted to any share or part of this contract or to any benefit that may arise therefrom; but this provision shall not be construed to extend to this contract if made with a corporation for its general benefit.

ARTICLE 10. *Changes and added provisions.*—

.....

.....

.....

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.....

.....

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

PRIVATEER MINING COMPANY
(Operator)

By Clinton C. Jenkins

Title President, General Mgr. & Director

By Frank E. Johnson
ACTING Administrator, Defense Minerals
Exploration Administration

I, Louis L. Cook, certify that I am the secretary of the corporation named as Operator herein; that Clinton C. Jenkins, who signed this contract on behalf of the Operator, was then Pres. General Mgr. & Director of said corporation; that said contract was duly signed for and in behalf of said corporation by authority of its governing body, and is within the scope of its corporate powers.

Louis L. Cook

[CORPORATE SEAL]

U. S. GOVERNMENT PRINTING OFFICE: 1956—O-383069

Andrews
Lawyer 9/11/58
"Appd Sol. Off."
act-
Stranwell
Talbert
Selfridge

EXPLORATION PROJECT CONTRACT
PRIVATEER MINING COMPANY
DOCKET NO. IMBA-4242

ANNEX I

The land referred to in Article 2 of the Contract is owned by the Operator and consists of 4 patented and 39 unpatented lode mining claims, located in the Mount Nebo Mining District, Juab County, Utah, as follows:

Patented Lode Mining Claims

Name of Claim	Mineral Survey No.
Champion	5969
Champion No. 1	6080
Good Luck	4481
Tip Top No. 1	6915

Unpatented Lode Mining Claims

Notices of location are recorded in Office of County Recorder, Juab County, Utah, as follows:

Name of Claim	Book No.	Page No.
Privateer No. 1	166	444
Privateer No. 2	166	445
Privateer No. 3	166	446
Privateer No. 4	166	447
Privateer No. 5	166	448
Privateer No. 6	166	449
Privateer No. 7	166	450
Privateer No. 8	166	451
Privateer No. 9	166	452
Privateer No. 10	166	453
Sphinx Fraction	166	454
Alta No. 1	166	455
Alta No. 2	166	456
Alta No. 3	166	457
Alta No. 4	166	458
Alta No. 5	166	459
Alta No. 6	166	460
Alta No. 7	166	461
Alta No. 8	166	462

Name of Claim	Book No.	Page No.
Alta Fraction	166	463
Downeast No. 1	166	464
Downeast No. 2	166	465
Downeast No. 3	166	466
Hornet No. 1	166	467
Hornet No. 2	166	468
Hornet No. 3	166	469
Hornet No. 4	166	470
Hornet No. 5	166	471
Hornet No. 6	166	472
Hornet No. 7	166	473
Hornet Fraction	166	474
Retriever No. 1	168	47
Retriever No. 2	168	48
Retriever No. 3	168	49
Retriever No. 4	168	50
Retriever No. 5	168	51
Retriever No. 6	168	52
Retriever No. 7	168	53
Retriever No. 8	168	54

These claims are shown on the map (Figure 2) entitled: "Property of: Privateer Mining Company, Mount Nebo Mining District, Juab County, Utah," attached hereto and made a part hereof.

EXPLORATION PROJECT CONTRACT
PRIVATEER MINING COMPANY
DOCKET NO. DMEA-4242

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EXHIBIT A

Description of the Work

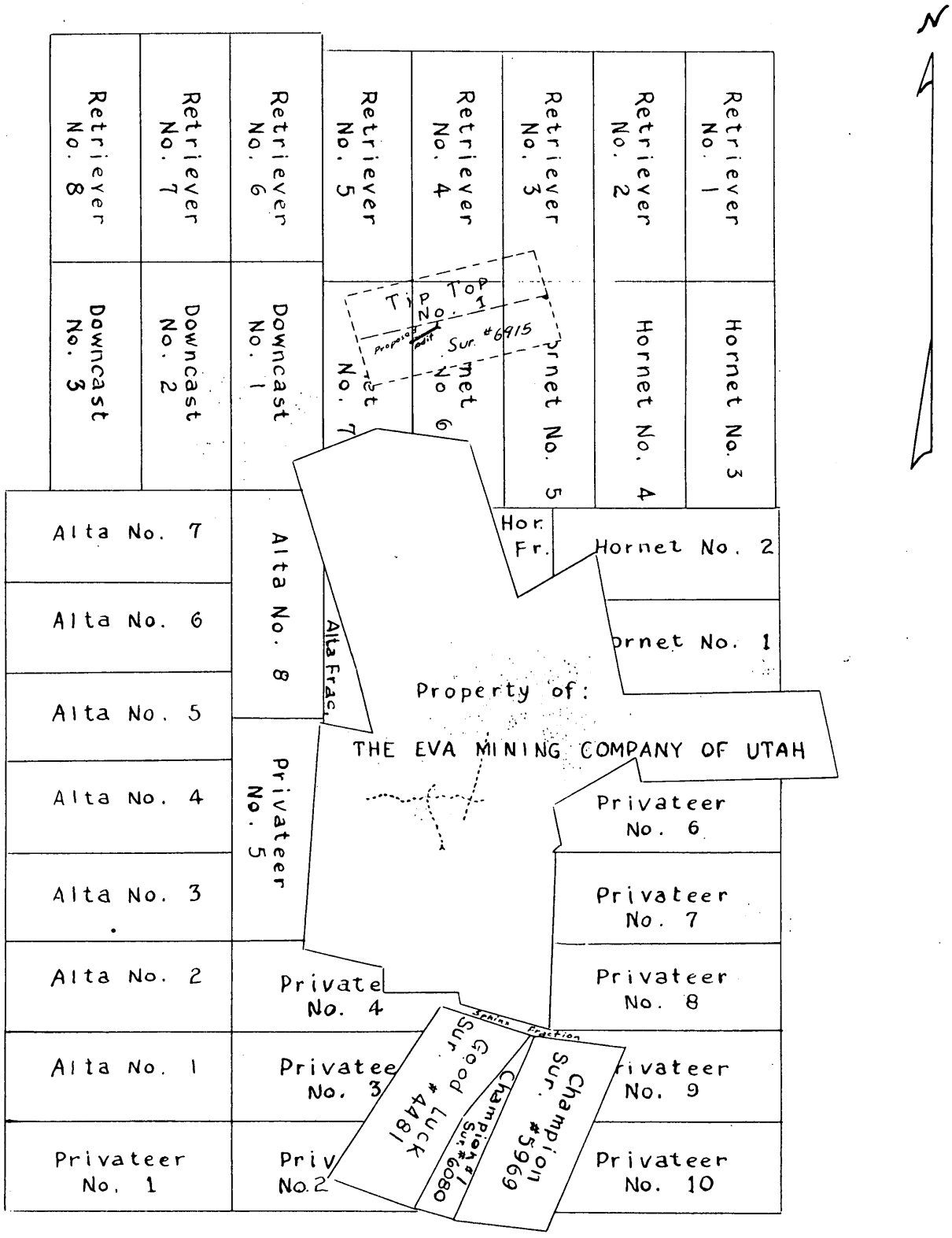
From a site and in a direction approved by the Government, the Operator shall drive not to exceed 200 feet of adit to explore the downward extension of lead-zinc mineralization exposed at the surface and in a nearby winze. The adit shall be timbered where necessary, but the Government will contribute to the cost of not more than 60 feet of timbering. The size of the adit shall be not less than 5 feet by 7 feet in cross section in the clear of timber.

Not to exceed 40 samples shall be assayed for lead, zinc, and silver.

The approximate location and direction of the adit are shown on the map (Figure 3) entitled: "Geologic Sketch Map, Privateer Mining Company, Mount Nebo Mng. Dist. - Sec. 12, T 11S: R 1E, Juab County - Utah," attached hereto and made a part hereof.

Fixed Unit Costs

200 feet of adit	@ $27.00/ft.	$5,400.00	
60 feet of timbering	@ $5.00/ft.	300.00	
40 samples assayed	@ $3.00/sample	120.00	
Estimated Total Cost of the Project			$5,820.00
Government Participation @ 50%			$2,910.00



Property of:

PRIVATEER MINING COMPANY

Mount Nebo Mining District
Juab County, Utah

Scale: 1000 Feet to the Inch

Fig. 2

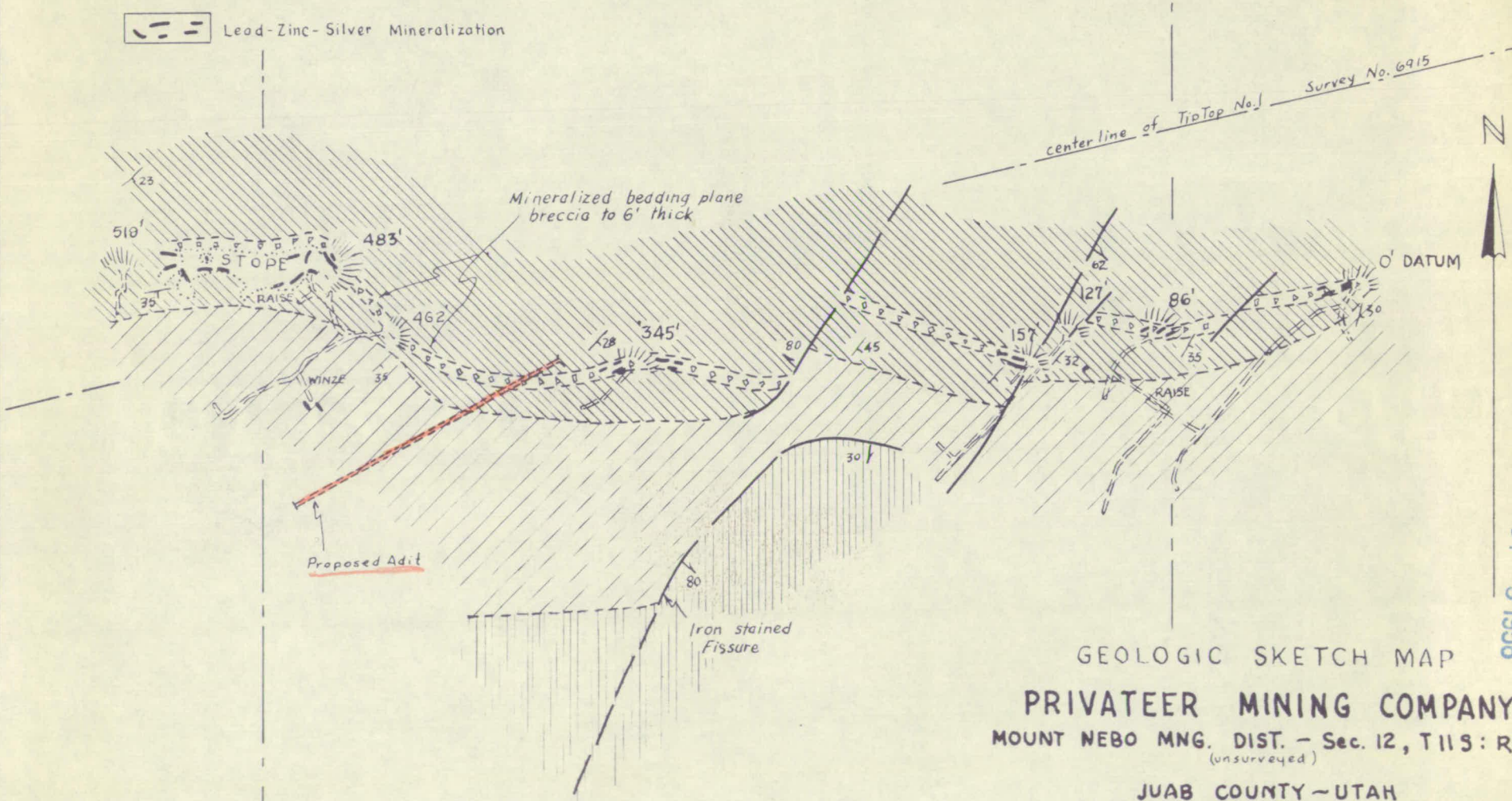
Traced from applicant's map Oct 7-56

1500 - 1167 - G

Hornet No. 6

EXPLANATION

- Quartzite and Limestone
- Cherty Limestone
- Massive Limestone
- Breccia Zone (includes Hydrothermal Dolomite)
- Lead-Zinc-Silver Mineralization
- Fault
- Dip and Strike
- Adit and Underground Workings
- Dump



GEOLOGIC SKETCH MAP

PRIVATEER MINING COMPANY

MOUNT NEBO MNG. DIST. – Sec. 12, T11S: R1E
(unsurveyed)

JUAB COUNTY – UTAH

SCALE IN FEET

100 0 100 200

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OCT - 8 1956

Traced from applicant's map 12-10-7-56

Fig. 3

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

RECEIVED
APR 9 - 1956

April 5, 1956

224 New Customhouse
Denver 2, Colorado

Memorandum

To: Secretary to the Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Application for DMEA Aid (Lead-Zinc) Privateer Mining Company (Hornet and Downcast claims), Juab County, Utah

Enclosed are three copies of the subject application in the amount of $29,495.00. One copy of the application is being retained in our files.

The applicant anticipates that the property will be accessible for field examination by June 1.

W. M. Traver

W. M. Traver

Enclosures

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

DMEA
Date Rec'd.
APR 4 1956

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APR 9 - 1956
BUREAU OF MINES
Denver, Colorado

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

Not to be filled in by applicant

Docket No. DMEA-4242
Metal or Mineral Lead-Zinc
Date Received 4-9-56
Estimated Cost $29,495.00
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address:

Privateer Mining Company (a Utah Corporation)
308 East 1st South
Provo, Utah

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

(*c*) If a corporation, add to above statement, titles, names and addresses of officers. Exibit.. 1 (c)

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

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

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract Exibit.. 3 (a)

(*b*) State any mine name by which the property is known. Exibit.. 3 (b)

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise Privateer Mining Company is the sole owner of the herein listed mining claims.

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

(*e*) If you own the land, describe any liens or encumbrances on it There are no liens or encumbrances, on or against any land owned or held by Privateer Mining Company.

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice. Exibit.. 3 (f)

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

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades. Exibit.. 4 (b)

(*c*) Describe the geologic features of the property, including mineralization, type of deposit (vein, bedded, etc.), and your reasons for wishing to explore. Illustrate with maps or sketches. Send with your application (but not necessarily as a part of it) any geologic or engineering report, assay maps, or other technologic information you may have, indicating on each whether you require its return to you. Exibit.. 4 (c)

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points. Exibit.. 4 (d)

(*e*) State the availability of manpower, materials, supplies, equipment, water, and power. Exibit.. 4 (e)

5. *The exploration project.*—(*a*) State the mineral or minerals for which you wish to explore Mineralization containing: lead, zinc and silver.

(*b*) Describe fully the proposed work, including a map or sketch of the property showing a plan (and cross sections if needed) of any present mine workings, and the location of the proposed exploration work as related to such features as contacts, veins, ore-bearing beds, etc. Exhibit.. 6 (b)

(*c*) The work will start within 10 days and be completed within 24 months from the date of an exploration project contract.

(*d*) State the operating experience and background of the applicant with relation to the ability to carry out such exploration project, and also that of the person or persons who will supervise the operations. Exhibit.. 6 (d)

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

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

(*b*) *Labor, supervision, consultants.*—Include an itemized schedule of numbers, classes and rates of wages, salaries or fees for necessary labor, supervision and engineering and geological consultants. Exhibit.. 6 (b)

(*c*) *Operating materials and supplies.*—Furnish an itemized list, including items of equipment costing less than $50 each, and power, water and fuel. Exhibit.. 6 (c)

(*d*) *Operating equipment.*—Furnish an itemized list of any operating equipment to be rented, purchased, or which is owned and will be furnished by the Operator, with the estimated rental, purchase price, or suggested use-allowance based on present value, as the case may be. Exhibit.. 6 (d)

(*e*) *Rehabilitation and repairs.*—Furnish a detailed list showing the cost of any necessary initial rehabilitation or repairs of existing buildings, installations, fixtures, and movable operating equipment, now owned by the Operator and which will be devoted to the exploration project. None.

(*f*) *New buildings, improvements, installations.*—Furnish a detailed list showing the cost of any necessary buildings, fixed improvements, or installations to be purchased, installed or constructed for the benefit of the exploration project. Exhibit.. 6 (f)

(*g*) *Miscellaneous.*—Furnish a detailed list showing the cost of repairs to and maintenance of operating equipment (not including initial rehabilitation or repairs of the Operator's equipment), analytical work, accounting, workmen's compensation and employers' liability insurance, and payroll taxes. Exhibit.. 6 (g)

None (*h*) *Contingencies.*—Give an estimate of any necessary allowances for contingencies not included in the costs stated above.

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

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

(*b*) How do you propose to furnish your share of the costs? Exhibit.. 7 (b)

☒ Money ☐ Use of equipment owned by you ☐ Other

Explain in detail on acompanying paper.

CERTIFICATION

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

Dated March 30, 1956

Silvstone Mining Company
(Applicant)

By Clinton C. Jenkins
Clinton C. Jenkins, Pres. & Genl. Mgr.

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

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

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APR 9 - 1956

Exibit... 1 (c)

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APR 6 1965

Subject.. Titles, names and addresses of officers of Privateer Mining Company, a Utah Corporation.

President, General Manager and Director, Clinton C. Jenkins, resides at 211 South 3rd East, Springville, Utah.

Vice-President and Director, Chester W. Jenkins, resides at 607 1st Avenue, Salt Lake City, Utah.

Secretary, Treasurer and Director, Louis L. Cook, resides at 308 East 1st South, Provo, Utah.

Director, Ray L. Potts, resides at 1426 East 27th South, Salt Lake City, Utah.

Director, LeRoy Christen, resides at Grandview, Provo, Utah.

 Privateer Mining Company
308 East 1st South
Provo, Utah

Exibit... 3 (a)

Subject.. Applicants property rights.

The Privateer Mining Company owns forty-two lode mining claims, three of which are patented, and all being contiguous and located in the Mount Nebo Mining District, Juab County, Utah. The names of the mining claims are as follows:

Patented Lode Mining Claims

Champion.	Mineral	Survey	No.	5969
Champion No. 1	"	"	"	6080
Good Luck	"	"	"	4481

Unpatented Lode Mining Claims

Privateer Nos.	1 to 10, inclusive,	lode	mining	claims.
Sphinx Fraction	,	"	"	"
Alta Nos.	1 to 8, inclusive,	"	"	"
Alta Fraction	,	"	"	"
Downcast Nos.	1 to 3, inclusive,	"	"	"
Hornet Nos.	1 to 7, inclusive,	"	"	"
Hornet Fraction	,	"	"	"
Retriever Nos.	1 to 8, inclusive,	"	"	"

Note: Tip Top No. 1 - survey No. 6915, as shown on the attached claim map, has been surveyed for patent, but not patented. It is not included in the list of claims held by the company, as the ground covered by this claim was re-located by the company to harmonize with adjacent claim lines.

An 'Abstract of Title', to the above-named patented and unpatented lode mining claims, was prepared by Juab County Abstract Company on February 8, 1956, and subsequently, a 'Title Opinion' was rendered by the company's attorney, to the effect that Privateer Mining Company is owner of the hereinabove described mining property.

The 'exploration project', for which financial assistance is herein applied for, will traverse Hornet No. 6, Hornet No. 7, and Downcast No. 1 mining claims, as shown on the attached claim map.

Nearly all of the Company's property will be benifited by this 'exploration project', as the brecciated-mineralized zone which will be explored by this development, underlies the majority of the company's 42 claims, and the results obtained will serve as a guide to development of the entire property.

Privateer Mining Company
308 East 1st South
Provo, Utah

Exibit... 3 (b)

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APR 6 - 1966

Subject.. Name by which the property is known.

The property in the vicinity of the proposed development, previous to 1924, was known as the Highland Mine. In 1924, it was located as Tip Top Lode No. 1 and in 1926, it was surveyed for patent under the name of Tip Top No. 1.

The property was purchased by the Privateer Mining Company on August 22, 1955, and is now known as the Privateer Mine.

Privateer Mining Company
308 East 1st South
Provo, Utah

Exibit... 3 (f)

Subject... The book and page numbers for each recorded location notice.

Name of claim	Recorded in Book	Page
Privateer No. 1	166	444
Privateer No. 2	166	445
Privateer No. 3	166	446
Privateer No. 4	166	447
Privateer No. 5	166	448
Privateer No. 6	166	449
Privateer No. 7	166	450
Privateer No. 8	166	451
Privateer No. 9	166	452
Privateer No.10	166	453
Sphinx Fraction	166	454
Alta No. 1	166	455
Alta No. 2	166	456
Alta No. 3	166	457
Alta No. 4	166	458
Alta No. 5	166	459
Alta No. 6	166	460
Alta No. 7	166	461
Alta No. 8	166	462
Alta Fraction	166	463
Downcast No. 1	166	464
Downcast No. 2	166	465
Downcast No. 3	166	466
Hornet No. 1	166	467
Hornet No. 2	166	468
Hornet No. 3	166	469
Hornet No. 4	166	470
Hornet No. 5	166	471
Hornet No. 6	166	472
Hornet No. 7	166	473
Hornet Fraction	166	474
Retriever No. 1	168	47
Retriever No. 2	168	48
Retriever No. 3	168	49
Retriever No. 4	168	50
Retriever No. 5	168	51
Retriever No. 6	168	52
Retriever No. 7	168	53
Retriever No. 8	168	54

Privateer Mining Company
308 East 1st South
Provo, Utah

Exibit... 4 (a)

Subject.. Description of mining and exploration operations which have been conducted upon company's property, including existing mine workings and production facilities. Also accessibility of mine workings for examination purposes.

Note: All adits referred to in this exibit and those on the attached maps, are numbered according to their relative elevation above the lowest workings, which has been given a datum elevation of 0'.

The property, now owned by the Privateer Mining Company and on which development work is to be initiated, was located in 1898, and worked intermittently until the later part of 1913.

During the fifteen years that this property was active, approximately one thousand tons of ore were mined; most of this production coming from Stope 483' and lesser amounts from Adits 462', 345', 157' and 86'.

The applicant has been unable to obtain the actual smelter return records on the aforementioned production, but as well as can be ascertained, the ore was comparable to that shipped from the Eva Mine, which averaged 37.8% lead, 19.2% zinc and 16.2 ounces of silver per ton. The Eva Mine is located approximately thirty-two hundred feet due south of the aforedescribed workings and in the same stratigraphic horizon.

Seven adits, numbers 0', 86', 127', 157', 345', 462' and 519', comprising approximately one thousand-fifty feet of underground development, have been driven, in and along the mineralized-breccia zone, in an apparent effort to prospect this ore-bearing horizon and establish the habits of the mineralization. The results obtained are encouraging, as the zone was found to be generally mineralized; and in areas of intense fissuring, workable ore bodies were found to occur.

The property and workings hereinabove described, previous to the acquisition by the Privateer Mining Company, were inaccessible except by trail.

During the summer of 1955, the company constructed a road, from the existing road in Broad Hollow, to the saddle at the head of Broad Hollow and Wash Canyon. From this point, a road was extended down into Wast Canyon, to the Portal of Adit 0'. Another road was constructed from the saddle, up to within one hundred feet of the Portal of Adit 345'. These roads make both the upper and lower workings completely accessible.

All mine workings are completely accessible for examination purposes.

Privateer Mining Company
308 East 1st South

Provo, Utah

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APR 9 - 1966

Exibit... 4)b)

Subject.. Past and current production, ore reserves, and quantities and grades of same.

As hereinbefore described, this property was active for a period of fifteen years, 1898 to 1913, during which time, approximately one thousand tons of ore were mined and shipped. The applicant has been unable to obtain the actual smelter return records on this production, but as well as can be ascertained, the ore, after sorting, was comparable to that shipped from the Eva Mine, which averaged 37.8% lead, 19.2% zinc and 16.2 ounces of silver per ton.

Since the acquisition of the hereindescribed property, Privateer Mining Company has devoted their efforts to road construction, mapping the underground workings and geologizing the property. There has been no production from this property since 1913.

Known ore reserves on this property, consist of the following:

(1) Approximately twelve to fifteen tons of ore are stockpiled beside the road, about six hundred feet east of Adit 345'. A grab sample indicates this ore to contain 8.9% lead, 35.3% zinc and 5.9 ounces of silver per ton.

(2) A grab sample taken from the dump below Adit 462', assayed 4.2% lead, 23.7% zinc and 2.8 ounces of silver per ton. There are probably as much as fifty tons of ore contained in this dump; which if sorted, would improve the grade and provide some margin of profit after the shipping of same.

(3) A grab sample taken from the dump below Adit 345', assayed 3.0% lead, 23.0% zinc and 2.4 ounces of silver per ton. Approximately twenty five tons are contained in this dump.

(4) Some ore is exposed along the south wall of Stope 483'. This ore has a maximum thickness of 48" and a minimum thickness of 18". The quantity of ore contained in this areais not measurable, as only one face is exposed. The average tenor of this ore, as established by the results of five cut samples, is 12.6% lead, 27.3% zinc and 6.9 ounces of silver per ton.

(5) A face of ore is exposed in the winze, in Adit 462', which assays 14.1% lead, 22.4% zinc and 8.9 ounces of silver per ton. The extension of this ore shoot will probably be intersected by the development suggested in this application.

Privateer Mining Company
308 East 1st South
Provo, Utah

Exibit... 4 (c)

Subject.. Description of geologic features of the property, including mineralization, type of deposit and reasons for proposed development. Attached is a copy of a geologic report prepared by Dr. Paul Dean Proctor, consulting geologist.

The area in the vicinity of the workings, dealt with in this application, is characterized by limestone of probable upper Mississippian age, having a general strike of N 40° E and an average dip of about 30° to the southeast.

A number of faults, having a northeast trend and a nearly vertical dip, cut the sedimentary beds east of Adit 345'. None of these faults appear to have a vertical displacement of over forty feet.

The mineralization in this area seems to be confined to a breccia zone which has been cemented with calcite and hydrothermal dolomite, and occupies a position approximately one hundred feet below the lowest member of a limestone-quartzite sequence.

The mineralization in this breccia zone is composed of coarse to fine grained galena in lead carbonate and of the secondary zinc minerals, smithsonite and hydrozincite. Stope 483', which has been only partially mined out, forms a replacement in a brecciated coarse-grained dolomitic limestone bedding of probable upper Mississippian age. This stope, as mined, is more than one hundred feet long and up to thirty five feet in width. The ore varied from eighteen inches to over six feet in thickness and the entire stope, along its length, is open to the surface except for pillars and backfill. The ore outcropping on the surface, as it did in this stope, supports the theory that the stope, at one time, was much larger than it appears to be at present and that much of the ore body was eroded away before mining operations were commenced.

Proposed Development

It is suggested by the applicant, that an adit, 375', be started at a point forty-five feet west and thirty feet above Adit 345'. (See attached map for location of Adit 375').

Adit 375', which will have it's portal on the same level as the ore bin, will be driven in and along the strike of the mineralized breccia zone for a distance of one thousand feet.

The applicant's reasons for advocating the aforementioned development work are:

Privateer Mining Company
308 East 1st South
Provo, Utah

Exibit... 4 (c) continued.

(1) All known mineral occurrences, of commercial value, on this property and for a distance of five thousand feet to the south, have been found in this breccia zone.

(2) The greatest distance this zone has been prospected, on the applicant's property, is at Adit 462', which was driven a distance of one hundred-twenty feet. The first fifty-five feet of this development is realitively barren, but at sixty feet from the portal, a good shoot of ore is exposed and the remaining distance to the face is well mineralized.

(3) Because of the many exposures of mineralization on the surface, it is logical to assume that Stope 483' and the Eva ore body are not just isolated mineral occurrences, but that a number of similar occurrences can be expected in prospecting this zone.

(4) The location of the proposed development is in the vicinity of the strongest mineral occurrence, stope 483', which is exposed on the property. No faults are evident in this area, which if present, would complicate exploration and mining operations.

(5) It is probable that this development will intersect the extension of the ore shoot which is exposed in the winze at Adit 462'.

(6) The portal of the proposed development will be on level with the ore bin; which will facilitate handling of ore.

Conclusion:

It is the considered opinion of the applicant that: considering the tonnage of ore that has been mined from the breccia zone on this property and at the Eva Mine, 3200 feet due south, and the many mineral exposures on both properties; that exploration of said breccia zone is well warrented. The applicant feels that the location of the proposed development offers a two-fold advantage; as the area to be prospected is apparently free from faults and also has the greater number of significant mineral exposures.

It is contended that, at least one thousand feet of development work should be done, so that enough of the zone will have been prospected to properly ascertain the ore-bearing potential of this area.

Privateer Mining Company
308 East 1st South
Provo, Utah

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APR 9 - 1956

Report on the

PRIVATEER MINING COMPANY PROPERTY

Juab County, Utah

INTRODUCTION

A one day's geological field investigation was made of the Privateer Mining Company property in the Mt. Nebo Mining district, Juab County, Utah. The purpose of the field investigation was to evaluate the lead-zinc-silver potential of a mineralized zone exposed on the Hornet claims. A base map of the workings, prepared by Mr. Clinton Jenkins of Springville, Utah, was utilized in the examination. Mr. Jenkins guided the writer to the property and was of assistance in the work. All mine workings were examined and geologic sketch maps prepared. Finally, a geologic reconnaissance investigation was made of the geologic setting of the nearby Eva mine in order to compare the mineral occurrences.

LOCATION AND ACCESSIBILITY

The Privateer Mining Company property consists of 41 claims and fractions and includes the Retriever 1-8, Hornet 1-7 and fraction, Downcast 1-3, Alta 1-8 and fraction, Privateer 1-10, the Sphinx fraction, and the Good Luck and Champion claims. These are situated in the southern Wasatch Mountains just west of Bald Mountain in the Mt. Nebo Mining district. The area examined lies in an unsurveyed portion of T 11 S, R 1 E, and is possibly within section 12. Elevations within the mine area range from approximately 9160 to 10,200 feet above sea level. Considerable pine and aspen trees cover the slopes near the main workings. Ledge outcrops of limestone and quartzite are prominent in the north area, but become less conspicuous to the east and south on the property.

Accessibility to the mine workings on the Hornet Claims is over 10 miles of hard surface road from Nephi, Utah, up Salt Creek Canyon to the North Fork. From here a graded dirt road 15 miles long, part of it over the Mt. Nebo scenic loop, serves the property. The area is also accessible from Payson, Utah, over 9 miles of hard surface and 22 miles of dirt road, part of which is also over the scenic loop. The road is readily accessible during the summer, but would be difficult to keep open during the winter months because of deep snow fall in the area.

GEOLOGIC SETTING

The area examined on the Privateer Mining Company Hornet claims is characterized by north to northeastward trending limestone, cherty limestone, and a limestone-quartzite sequence which have a moderate dip to the east and southeast. The stratigraphic units exposed strongly resembile the Mississippian limestones and quartzites of the Gardner-Pine Canyon-Humbug sections in the Tintic and Long Ridge areas of central Utah.

Faults of northeast trend cut the sedimentary beds and locally displace them a few feet to over 100 feet horizontally. These faults are generally steeply inclined, but may abruptly flatten and become bedding plane faults. A conspicuous breccia zone which tends to follow the bedding of a massive limestone unit is well exposed from adit 519 to the lowest workings. This zone is cut and displaced by the northeast bearing set of faults.

Zones of intense alteration, mainly dolomitic in character, are developed in the massive limestone beds adjacent to the breccia zone noted above. This zone lies within a few feet of the overlying cherty limestones. Lead-zinc-silver mineral replacements and fill-

ings occur within the dolomitized and brecciated zone.

Mineralized Zones

A conspicuous zone of breccia, hydrothermal dolomite filling, and local lead-zinc-silver mineralization is exposed intermittently from Adit 519 along the strike of the zone to the "0" level. This comprises a strike distance of approximately 900 feet and a vertical distance of over 500 feet. Intensely dolomitized limestones up to ten feet or more in thickness underly the breccia zone.

The breccia zone ranges to seven feet in thickness and consists of broken fragments of dolomite. These fragments vary from less than an inch in diameter to those exceeding one foot. The zone of breccia appears to roughly parallel the bedding planes in the upper workings. To the east the dip becomes steeper and the breccia zone cuts across the bedding at an acute angle. Since the breccia as exposed actually represents the trace of a bedding plane on the steeply eroded surface, it is reasonable to suppose that the zone in the upper workings may extend down dip at least 300 or more feet before it tends to cut across the bedding.

Hydrothermal dolomite, minor calcite, and sparse drusy quartz act as a cement around the breccia fragments. The cement may comprise from 20 to almost 50 per cent of the zone. Lead-zinc-silver sulfides and oxides occur as partial replacements and fillings of fractures with the cement zone. Only minor replacement of the included breccia fragments appears to have taken place. However, many of the fragments show an alteration to a powdery "sand-like" dolomite. Outcrops of the lead-zinc-silver mineralization are clearly visible at each of the adit areas (see map). The most intense mineralization appears to be exposed between the 483 and 519

levels. Here the thickness of the mineralization varies from approximately one foot thick to over six feet thick. Though not definitely proved, the thickest zone of mineralization in the stope area near Adit 483 appears to have an E-S-E trend. A similar thickness appears to be present in the bottom of the winze of Adit 462. To date insufficient development work has been done on the mineralized zones to determine if actual ore shoots of definite trend are the habit of this area. It is of note, however, that the ore runs mined in the Eva mine had a general east trend and tended to parallel the bedding attitude.

Grade of the Ore

In order to determine the grade of the exposed mineralized zone, two channel chip samples were taken across the outcrop. Sample 1 was cut across a three feet thick breccia zone just a few feet east of Adit 519. Sample 2 was cut across a pillar at the east end of the Stope area of the Upper Underground workings (see sketch). Sample 3 represents a grab sample from a small ore dump at the end of the upper mine road.

Assay Results

Sample No.	Gold (Ozs.)	Silver (Ozs.)	Wet Lead %	Zinc %
1	Trace	4.7	15.2	23.0
2	do	6.7	13.0	24.0
3	do	5.9	8.9	35.3

Assay results by Black & Deason, Salt Lake City, Utah.

CONCLUSIONS AND RECOMMENDATIONS

The lead-zinc-silver mineralization exposed on the Hornet claims of the Privateer Mining Company is most encouraging. These are

associated with areas of intense dolomitization in a massive limestone and within a breccia zone which tends to parallel the attitude of the bedding. The grade of ore as indicated by reconnaissance type sampling suggests that the property definitely warrants further development work in order to more precisely define the size and average grade of the ore showings. In order to determine the true ore potential of the property it is recommended that the following work be initiated:

1. Ship the ore dump at the end of the mine road, and also the ore portions of the dumps below Adits 462 and 345 before additional muck is thrown over the dumps. Smelter returns should give a guide as to the expectable profits from the mine ore.

2. Possible ore shipments can be made from the mining of the southeast face of the stope. Here up to four feet of mineralized breccia is exposed. If the ore thins down dip it will lend support to an ESE trend of the mineralization. Such data will be useful in future mining.

3. Continue the winze downward in Adit 462. A drift off the winze westward near the base of the mineralized zone would aid in outlining the size and grade of this ore zone. Note that level 345 can be extended to undercut any large ore zone which may be developed in the upper levels.

4. If ore trend habits are established, begin systematic exploration of other mineralized zones exposed at adits 345, 157, 86, and the "0" level. As much as possible stay with the ore zone in the development work. This does not appear to be the case in "0" level and Adit 127.

5. In the areas of the lower underground workings (see sketch) it would be well to observe if mineralization trends are in anyway related to the northeast bearing faults. If these should prove to be an ore control, careful plotting and projection of these northeast fault zones will probably reveal other potential areas of mineralization in the area.

6. Once the habits of the mineralization are established, and if profitable ore bodies are developed, it is recommended that the surrounding area be carefully examined for zones of intense dolomitization and possible related lead-zinc-silver mineralization. Most favorable areas will probably lie at the top of the massive limestone and just below the cherty limestone contact.

We hope that these data will prove useful to you. If further information is needed, please feel free to call on us.

Respectfully submitted,

Paul Dean Proctor
GEO-CONSULTANTS

Exibit... 4 (d)

Subject.. Facts with respect to the accessibility of the project.

The applicant's property is accessible by three separate routes:

From Nephi to property --- 25 miles (10 asphalt & 15 soil). Route: From Nephi, thence ten miles east and north up Salt Creek Canyon to take-off of Nebo Scenic Loop Road; thence fifteen miles on Nebo Scenic Loop Road to take-off of Mine Road; thence five miles on Mine Road to property.

From Payson to property --- 31 miles (9 asphalt & 22 soil). Route: From Payson, thence fourteen miles on Payson Canyon Road to take-off of Nebo Scenic Loop Road; thence twelve miles on Nebo Scenic Loop Road to take-off of Mine Road; thence five miles on Mine Road to property.

From Highway 91, two miles North of Mona --- nine miles of soil road to property. Route: From Highway 91, thence three miles east to beginning of Mine Road at mouth of Pole Canyon; thence six miles on Mine Road to property. (This route is limited to four-wheel drive vehicles).

Nephi is the nearest shipping point from the mine. A railhead and spur are available at this city.

Fuel, machinery parts, blacksmithing and general repair work are available in Nephi.

Housing units are available at Payson, Mona and Nephi. It is suggested by the applicant that a bunkhouse be built at the mine for the purpose of efficiency and for limiting transportation problems.

Privateer Mining Company
308 East 1st South
Provo, Utah

Exibit... 4 (e)

Subject.. Availability of manpower, materials, supplies, equipment, water and power.

(1) Good miners are available in Payson, Mona and Nephi, Utah.

(2) Powder, fuse and caps can be purchased at Spanish Fork, Utah.

(3) Rail, pipe, mine cars and machinery can be procurred at Salt Lake City, Utah.

(4) Compressor fuel is available at Payson and Nephi, Utah.

(5) Water, sufficient for both culinary and mine use, is available from a spring on the property.

(6) Electric power lines are located at a distance of seven miles from the mine. Compressed air at the mine will be furnished by a diesel driven compressor.

Privateer Mining Company
308 East 1st South
Provo, Utah

Exibit... 5 (b)

Subject.. Description of proposed development, which includes an attached map showing present mine workings, and the location of the proposed exploration work as related to such features as contacts, and the ore-bearing breccia zone.

It is proposed by the applicant, that an adit be driven in and along the mineralized breccia zone, as shown on the attached map; for a distance of one thousand feet. The portal of said adit, to be located forty-five feet west and thirty feet above Adit 345'.

The object of said development, is to explore the mineralized breccia zone from which all ore production, in this area, has been mined.

The specific location of the proposed development was chosen because of the numerous mineralized outcrops in this area; the proximity of Stope 483' (which demonstrated the correct geologic controls for the deposition of an ore body); the apparent absence of faults in the area to be prospected; because the proposed development will probably intersect the extension of the ore shoot exposed in the winze at Adit 462' and the important feature of the portal of the development being on level with the top of the ore bin.

Privateer Mining Company
308 East 1st South
Provo, Utah

APR 6 - 1953

Exibit... 5 (d)

Subject.. Operating experience and background of the applicant, with relation to the ability to carry out such exploration project contract.

Clinton C. Jenkins, residing at 211 South 3rd East, Springville, Utah, is the President and General Manager of Privateer Mining Company, the Applicant. He has had a direct association with mining for the past ten years.

During this period, one year was spent conducting Spontaneous Polarization Surveys and assisting in geologizing and diamond drilling mining properties.

He was employed for two seasons by New Park Mining Company, as a member of their Geophysics Department.

One year was devoted to developing the Lyman and Blackett property above Mona, Utah.

For a period of four years, as President and General Manager of Privateer Mining Company, Mr. Jenkins had charge of all development work at the Eva Mine, which is adjacent to the property now held by our company. Although no commercial ore was found at the Eva Mine, a great deal of information was compiled regarding the habits and general pattern of mineralization in this area. This information will greatly aid us in conducting the development work, as out-lined in this application.

Mr. Jenkins will supervise the development outlined in this application.

Privateer Mining Company
308 East 1st South
Provo, Utah

Exibit... 6 (b)

Subject.. Labor, supervision and consultants.

1 - Supervisor (C.C. Jenkins)... @ $400.00 per month.
1 - Miner..... @ $ 18.00 per 8 hour day.
2 - Muckers..... @ 14.00 per 8 hour day each.

Engineering & geological consultants @ $50.00 Per month.

Note: It is the considered opinion of the applicant, that two muckers will be needed for this project for the following reasons: water for drilling, must be transported a distance of approximately one mile from the spring to the mine; the portal of the development will be located twenty feet above and one hundred feet west of the end of the road which will entail additional work in transporting water, timber, rail and pipe to the working face and because of the length of the development, two muckers will increase the number of feet that can be driven per shift.

Total estimated cost of supervision, labor, engineering & geological consultants and contingencies:

Supervision...	10 months @ $400.00 per month...	$ 4,000.00
Labor.....	280 shifts @ 46.00 per shift...	12,880.00
Consultants...	10 months @ 50.00 per month...	500.00
Accounting, insurance and payroll taxes.....		2,154.00
Total estimated cost.....		$19,534.00

Exibit... 6 (c)

Subject.. Operating materials and supplies.

No.	Item	Cost per Unit	Total
4 ton	- 12 lb. rail	@ $ 160.00 per ton..	$ 640.00
500	- rail ties	@ .50 a piece..	250.00
	- spikes, fish-plates, nuts & bolts....		50.00
1000 feet	- 2" pipe (airline)	@ .56 per foot.	560.00
	- pipe fittings and valves.....		50.00
1000	- Liddicoat bits	@ .23 a piece..	230.00
10 sets	- drill steel	@ 22.50 per set..	225.00
220 cases	- dynamite	@ 12.95 per case.	2,849.00
28000 feet	- fuse	@ 13.50 per 1000'	378.00
4200	- blasting caps	@ 2.48 per 100..	104.00
	- timber & lagging		500.00
	- small tools		100.00
	- compressor fuel and oil		1,260.00
	Total extimated cost.....		$ 7,196.00

Privateer Mining Company
308 East 1st South
Provo, Utah

Exibit... 6 (d)

Subject.. Operating equipment (to be furnished by applicant).

No.	Item	Monthly Use-allowance
1	Compressor (258 cfm)	$110.00
1	Jack-drill	12.00
2	Mine cars (16 cf capacity)	6.00
1	Truck (½ ton pickup)	35.00
	Total cost per month	$163.00

Total cost of Use-allowance for operating equipment, for 10 months.. $1,630.00

Exibit... 6 (f)

Subject.. Construction of bunk-house (14' by 28'). It is proposed by the applicant, that a bunk-house be constructed on the property, so as to make living quarters available within walking distance of the mine. This would solve transportation problems, which arise during bad weather, and facilitate the handling of the entire operation. Material and costs of construction are as follows:

Item	Dimension	Board feet & Cost	Total
Foundation	: 8" by 12" -	14' by 28' Concrete	$ 25.00
Sill	: 2" by 8" -	112 b.f. @ 16¢ b.f.	17.92
Floor joists	: 2" by 8" -	448 b.f. @ 16¢ b.f.	83.94
Flooring	: 4" tge & gr-	392 b.f. @ 20¢ b.f.	78.40
Plates	: 2" by 4" -	196 b.f. @ 16¢ b.f.	31.36
Studs	: 2" by 4" -	382 b.f. @ 16¢ b.f.	67.52
Ceiling joists	: 2" by 6" -	336 b.f. @ 16¢ b.f.	53.76
Rafters	: 2" by 6" -	420 b.f. @ 16¢ b.f.	67.20
Fire-stops	: 2" by 4" -	102 b.f. @ 16¢ b.f.	16.32
Roof and out-side wall cover (28 gage corr. iron sheet)		1302 s.f. @ 17¢ s.f.	221.34
Inside wall cover, partition and ceiling (celetex)		1078 s.f. @ 10¢ s.f.	107.80
Six windows		@12.50 ea.	75.00
Two doors		@15.00 ea.	30.00
Nails			10.00
Labor			250.00
Total estimated cost of bunk-house			$1,135.46

Privateer Mining Company
308 East 1st South
Provo, Utah

Exibit... 6 (g)

Subject.. Miscellaneous (following is an itemized list of the expenses that will be incurred under Accounting, Liability Insurance and Payroll Taxes. Note: These charges have already been listed in Exibit... 6 (b).

Accounting:

One accountant for ten mon. @ $50.00 per mon. $ 500.00

Liability Insurance:

Supervisor and Labor Payroll $16,880.00
subject to a rate of $5.03 per $100.00 payroll... 850.00

F.I.C.A. Deductions:

Supervisor, Labor & Acct.Payroll $17,380.00
subject to a rate of 2% of Employee's wage..... 348.00

Department of Employment Security:

Supervisor, Labor & Acct. Payroll $17,380.00
subject to a rate of 2.7% of Employee's wage..... 456.00

Total estimated expenditure..... $2,154.00

Exibit... 7 (b)

Subject.. Method by which the applidant proposes to furnish its share of the costs of the herein proposed development.

Privateer Mining Company, as applicant, will furnish its share of the estimated costs of this project, through sale of treasury stock.

An Offering Circular and request to sell securities, has been submitted to the Utah Securities Commission, by Privateer Mining Company, for the express purpose of securing the money to finance the herein described project.

At the time of submitting this Application, sufficient funds to meet the company's share of the proposed development, have been pledged by stockholders.

Privateer Mining Company
308 East 1st South
Provo, Utah

Exibit...

Subject.. Summary of all estimated expenses for the entire project, including the construction of a bunk-house.

Exibit... 6 (b)

Subject..	Labor, supervision and consultants.	$19,534.00

Exibit... 6 (c)

Subject..	Operating materials and supplies...	7,196.00

Exibit... 6 (d)

Subject..	Operating equipment (to be furnished by Applicant).....	1,630.00

Exibit... 6 (f)

Subject..	Construction of bunk-house.....	1,135.00
	Total estimated cost of entire project...	$29,495.00

==========

The Privateer Mining Company property is located at an elevation of approximately ten thousand feet above sea level.

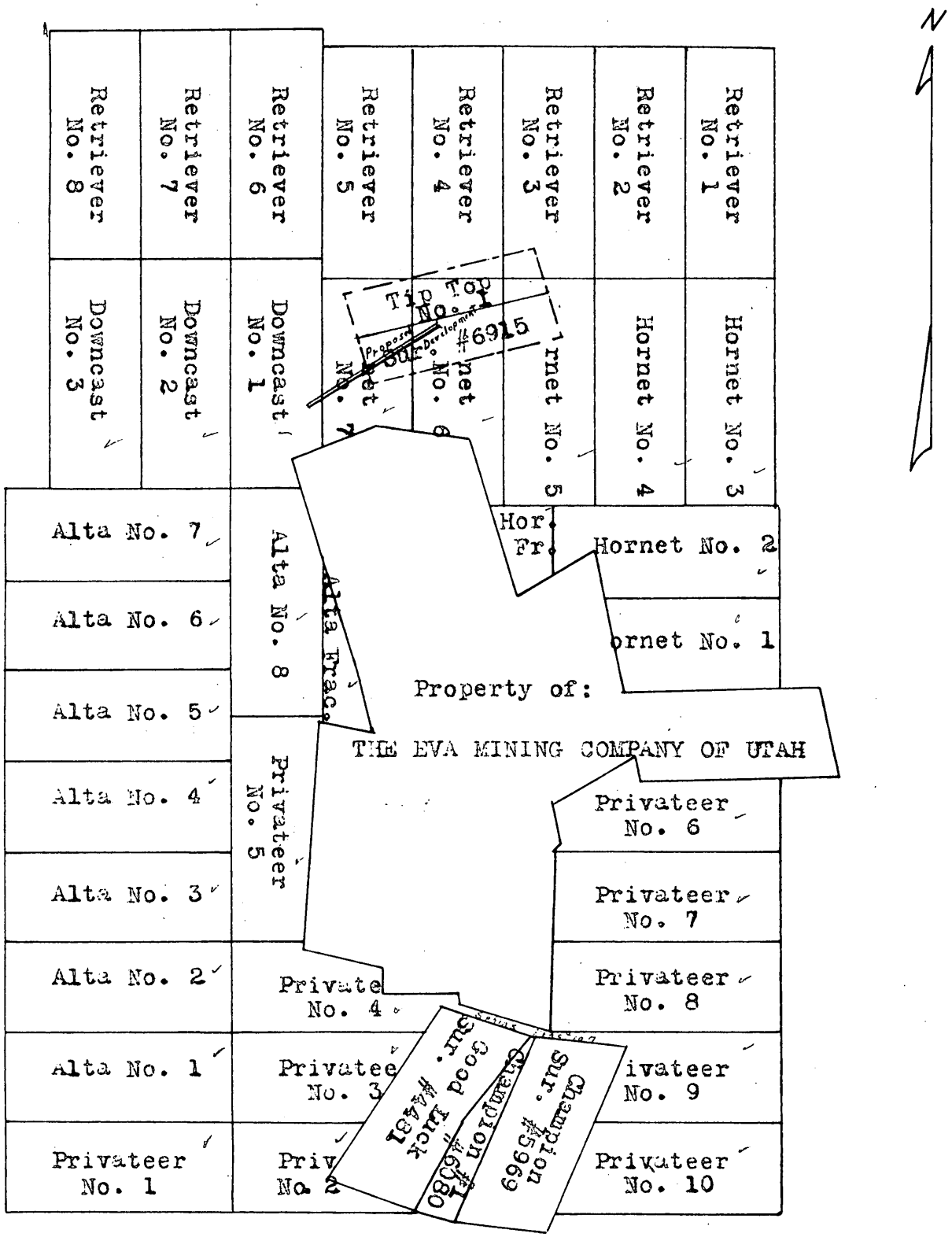
Our 'working season' lasts from five to six months of the year, but could be extended somewhat by keeping a bull-dozer at the property during November and December. The Eva Mine, which is adjacent to our property, was worked continuously the year around.

It is contemplated that approximately one hundred feet, of development, can be driven per month. If necessary, supplementary shifts will be worked, in order to ensure an advance of one hundred feet per month.

Approximately ten months will be required to complete the one thousand feet of development; which would, if this application is approved, be started this Summer and be completed in the Fall of 1957.

It is anticipated that the property will be accessible for examination by June 1st.

Privateer Mining Company
308 East 1st South
Provo, Utah



Property of:

PRIVATEER MINING COMPANY

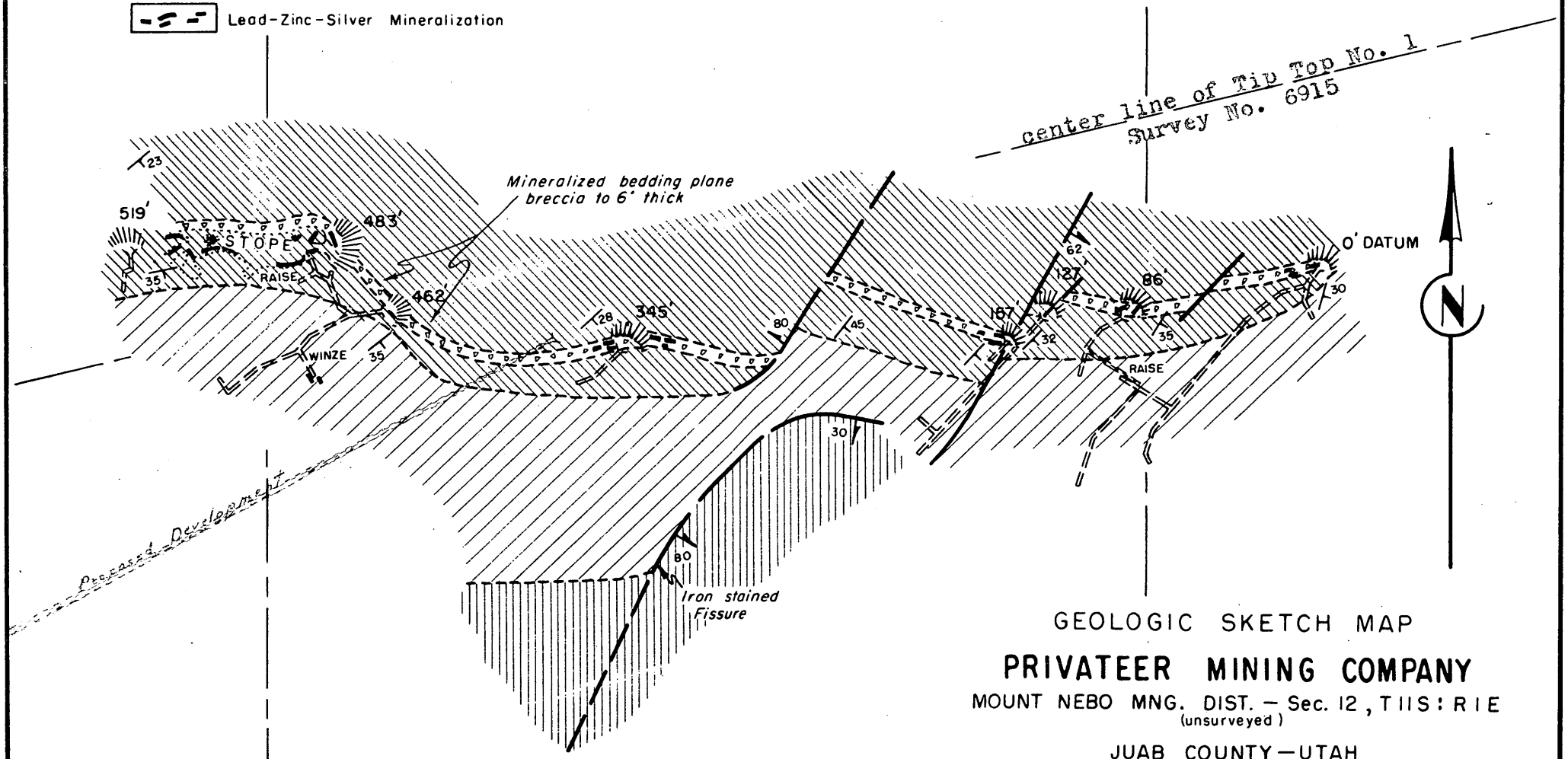
Mount Nebo Mining District
Juab County, Utah

Scale of 1000 Feet to the Inch

Hornet No. 6

EXPLANATION

- Quartzite and Limestone
- Cherty Limestone
- Massive Limestone
- Breccia Zone (includes Hydrothermal Dolomite)
- Lead-Zinc-Silver Mineralization
- Fault
- 45 Dip and Strike
- Adit and Underground Workings
- Dump



GEOLOGIC SKETCH MAP

PRIVATEER MINING COMPANY

MOUNT NEBO MNG. DIST. — Sec. 12, T11S: R1E
(unsurveyed)

JUAB COUNTY—UTAH

SCALE IN FEET

100 0 100 200

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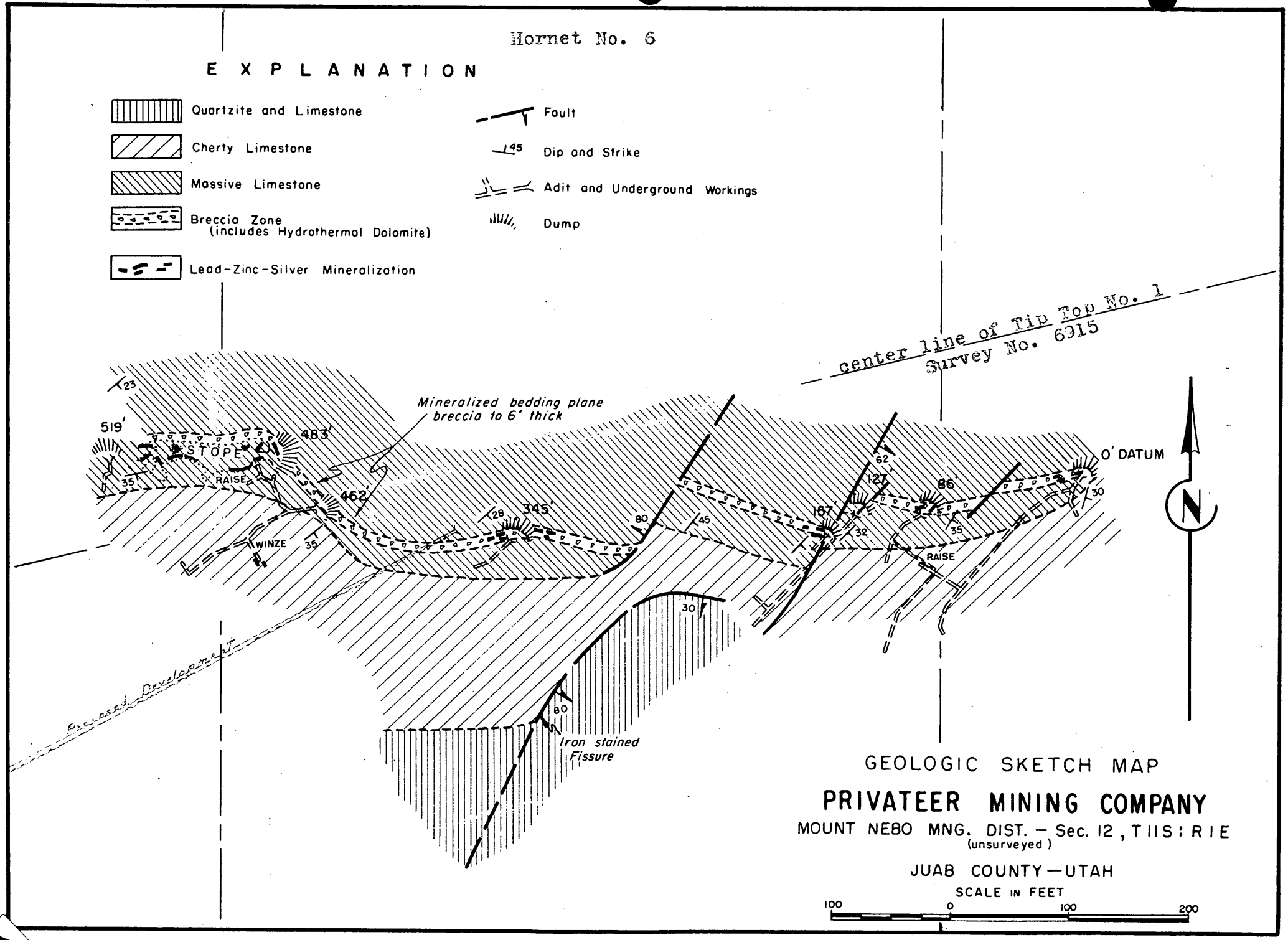
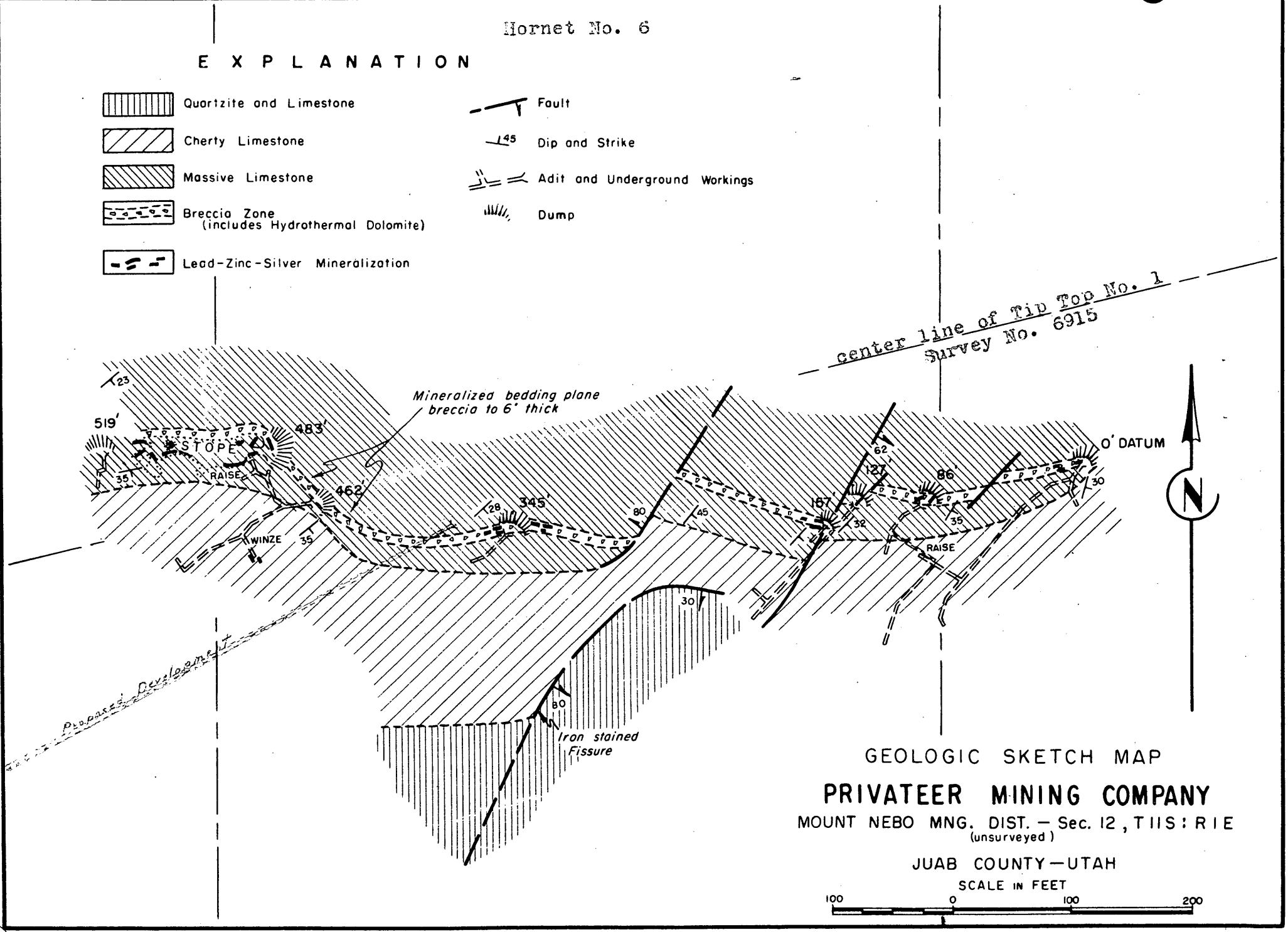
APR 9 - 1955


Hornet No. 6
EXPLANATION
Quartzite and Limestone
Cherty Limestone
Massive Limestone
Breccia Zone (includes Hydrothermal Dolomite)
Lead-Zinc-Silver Mineralization
Fault
Dip and Strike
Adit and Underground Workings
Dump
center line of Tip Top No. 1 Survey No. 6915
Mineralized bedding plane breccia to 6' thick
519'
483'
462'
345'
167'
127'
86'
0' DATUM
STOPE
RAISE
WINZE
RAISE
Iron stained Fissure
Proposed Development
GEOLOGIC SKETCH MAP
PRIVATEER MINING COMPANY
MOUNT NEBO MNG. DIST. — Sec. 12, T11S: R1E
(unsurveyed)
JUAB COUNTY—UTAH
SCALE IN FEET
100 0 100 200

RECEIVED
APR 9 - 1985

Hornet No. 6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Cherty Limestone
Massive Limestone
Breccia Zone (includes Hydrothermal Dolomite)
Lead-Zinc-Silver Mineralization
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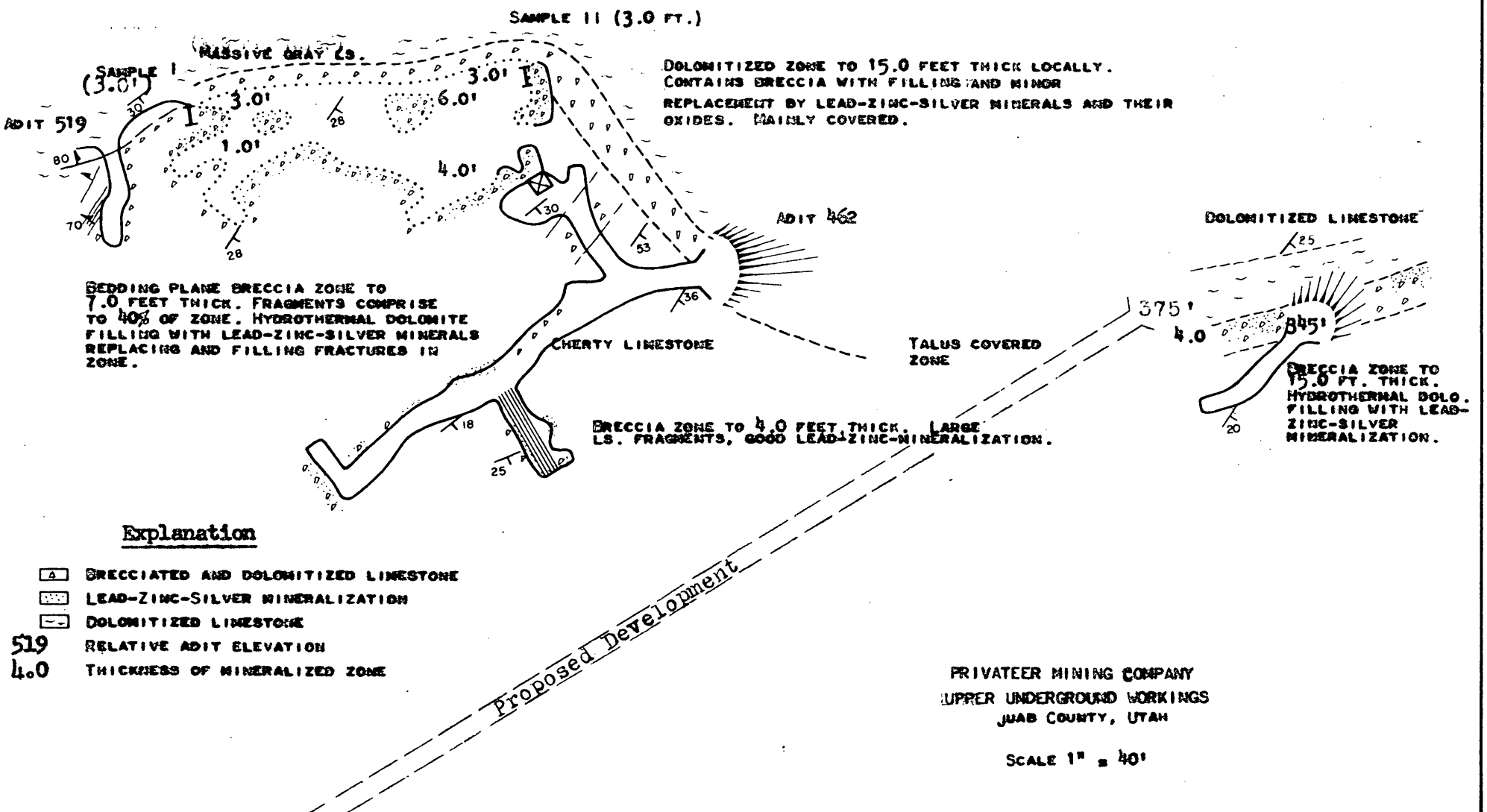
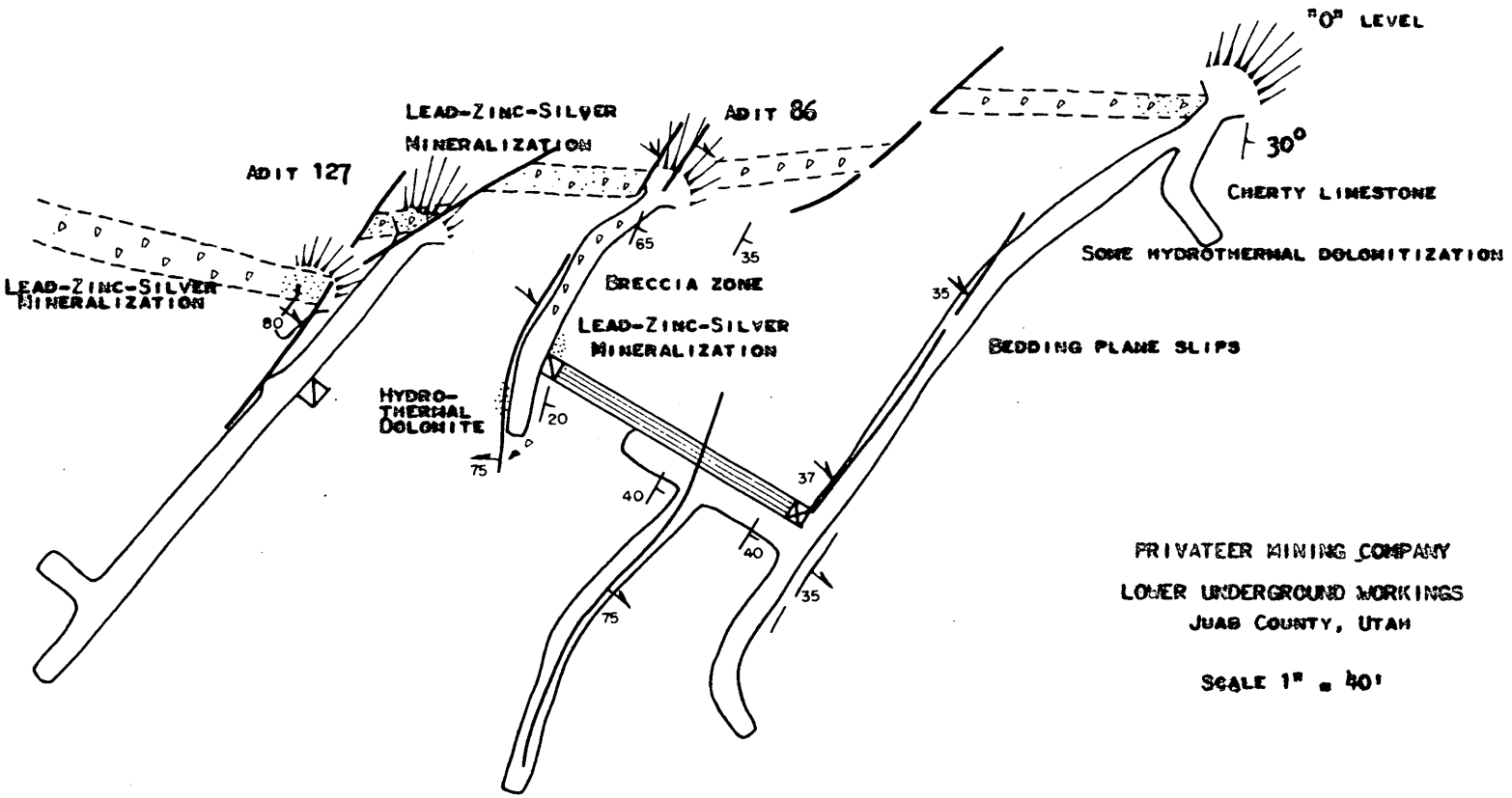
RAISE
Iron stained Fissure
Proposed Development
N
GEOLOGIC SKETCH MAP
PRIVATEER MINING COMPANY
MOUNT NEBO MNG. DIST. — Sec. 12, T11S: R1E
(unsurveyed)
JUAB COUNTY — UTAH
SCALE IN FEET
100 0 100 200

RECEIVED
APR 9 - 1968


SAMPLE 11 (3.0 FT.)
MASSIVE GRAY LS.
SAMPLE 1 (3.0')
ADIT 519
3.0'
3.0'
6.0'
1.0'
4.0'
DOLOMITIZED ZONE TO 15.0 FEET THICK LOCALLY. CONTAINS BRECCIA WITH FILLING AND MINOR REPLACEMENT BY LEAD-ZINC-SILVER MINERALS AND THEIR OXIDES. MAINLY COVERED.
ADIT 462
DOLOMITIZED LIMESTONE
BEDDING PLANE BRECCIA ZONE TO 7.0 FEET THICK. FRAGMENTS COMPRISE TO 40% OF ZONE. HYDROTHERMAL DOLOMITE FILLING WITH LEAD-ZINC-SILVER MINERALS REPLACING AND FILLING FRACTURES IN ZONE.
CHERTY LIMESTONE
TALUS COVERED ZONE
375'
4.0
845'
BRECCIA ZONE TO 15.0 FT. THICK. HYDROTHERMAL DOLO. FILLING WITH LEAD-ZINC-SILVER MINERALIZATION.
BRECCIA ZONE TO 4.0 FEET THICK. LARGE LS. FRAGMENTS, GOOD LEAD-ZINC-MINERALIZATION.
Proposed Development
Explanation
BRECCIATED AND DOLOMITIZED LIMESTONE
LEAD-ZINC-SILVER MINERALIZATION
DOLOMITIZED LIMESTONE
519 RELATIVE ADIT ELEVATION
4.0 THICKNESS OF MINERALIZED ZONE
PRIVATEER MINING COMPANY
UPPER UNDERGROUND WORKINGS
JUAB COUNTY, UTAH
SCALE 1" = 40'

RECEIVED
APR 9 - 1985



PRIVATEER MINING COMPANY

LOWER UNDERGROUND WORKINGS

JUAB COUNTY, UTAH

SCALE 1" = 40'

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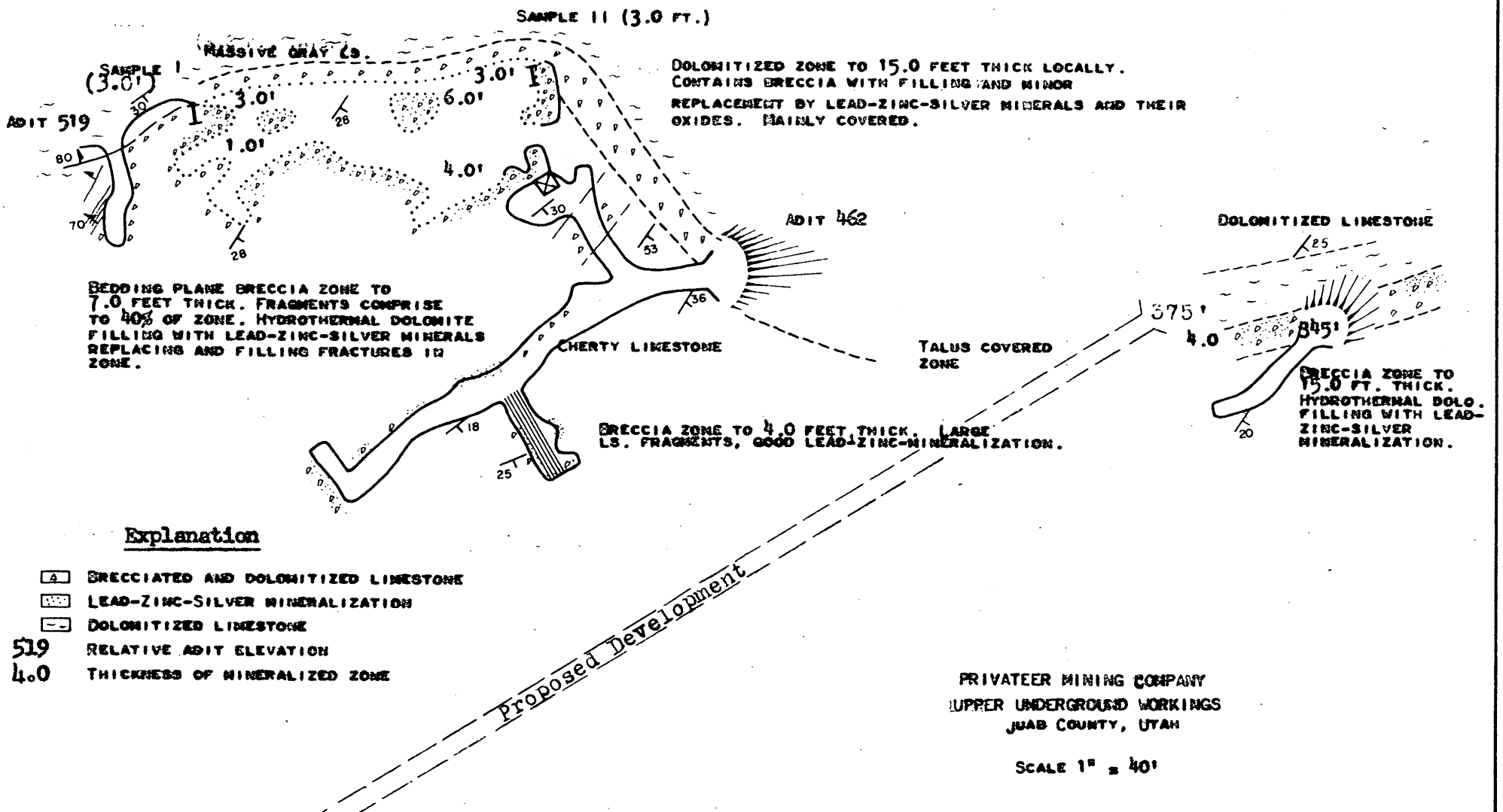
APR 9 - '95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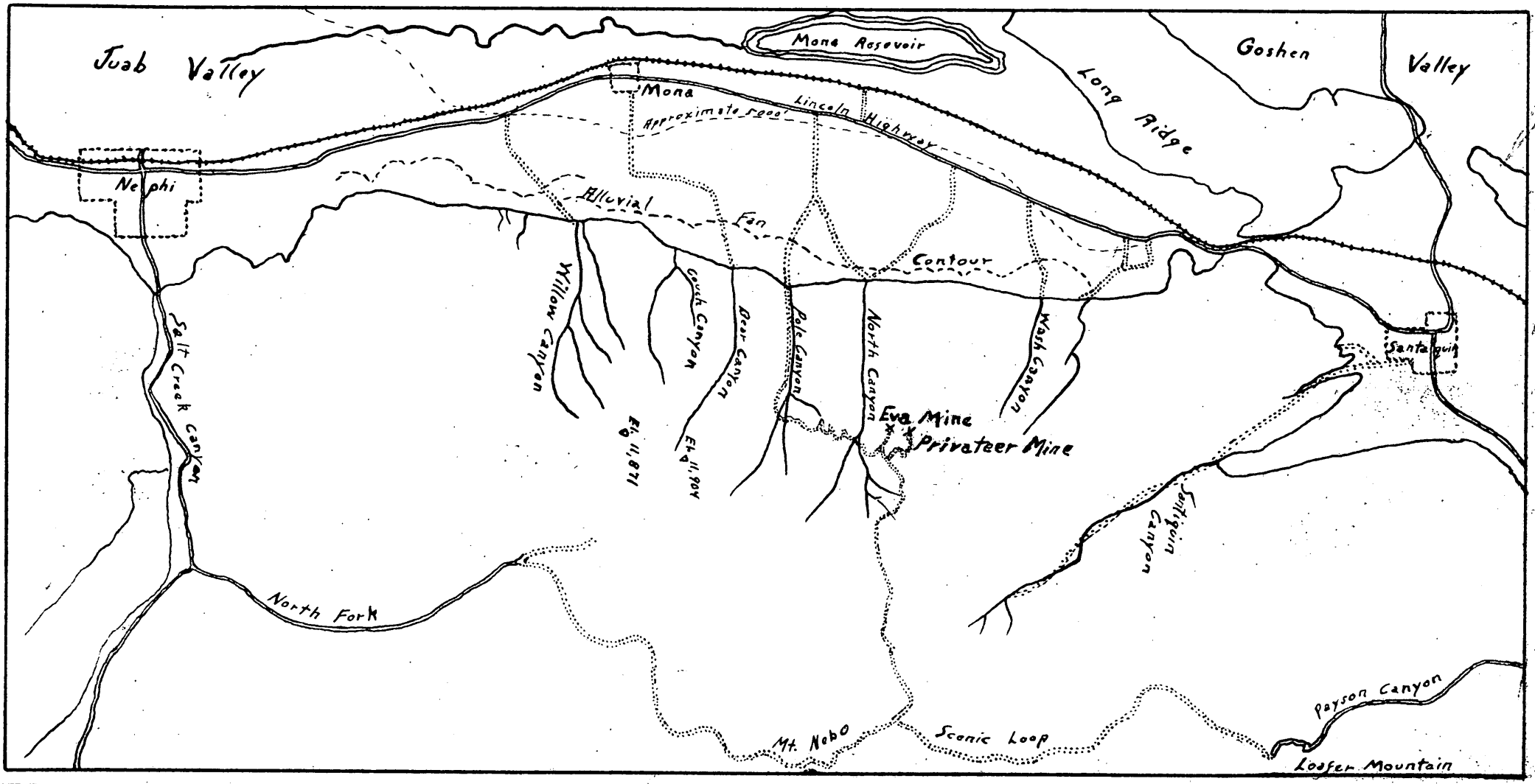
4.0
845'
BRECCIA ZONE TO 15.0 FT. THICK. HYDROTHERMAL DOLO. FILLING WITH LEAD-ZINC-SILVER MINERALIZATION.
BRECCIA ZONE TO 4.0 FEET THICK. LARGE LS. FRAGMENTS, GOOD LEAD-ZINC-MINERALIZATION.
Proposed Development
Explanation
BRECCIATED AND DOLOMITIZED LIMESTONE
LEAD-ZINC-SILVER MINERALIZATION
DOLOMITIZED LIMESTONE
519 RELATIVE ADIT ELEVATION
4.0 THICKNESS OF MINERALIZED ZONE
PRIVATEER MINING COMPANY
UPPER UNDERGROUND WORKINGS
JUAB COUNTY, UTAH
SCALE 1" = 40'

RECEIVED
APR 9 - 1959



Road Distances

Privateer Mine to Nephi -------- 25 miles (15 soil and 10 oil)

Privateer Mine to Payson -------- 31 miles (22 soil and 9 oil)

Privateer Mine to Mona -------- 11 miles (9 soil and 2 oil)

N

Scale 1/62,500

0 1 2 3 4 Miles

U. S. Government Messenger Envelope

Standard Form No. 65 (Rev. 1/46)

1. Use blocks consecutively, one at a time.
2. Void previous block.
3. Write clearly.

NAME OR TITLE OF PERSON, DEPARTMENT, ADDRESS, AND ROOM		NAME OR TITLE OF PERSON, DEPARTMENT, ADDRESS, AND ROOM	
	RUN		RUN
	STOP		STOP
	RUN		RUN
	STOP		STOP
	RUN		RUN
	STOP		STOP
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	STOP		STOP

Send surplus envelopes to supply room for reissue.

Use other side

Use RUN and STOP only when messenger service between Government buildings in Washington is required. Your mail room has RUN and STOP information.

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code

PROJECT SUMMARY REPORT

By: J. W. Alt July 7, 1958

1. Docket No. DMEA-4242 (Lead-Zinc)
Contract No. Idm-E1009
Property: Privateer Mine
Juab County, Utah

Operator: Privateer Mining Company
308 East 1st South
Provo, Utah

Operator's Property Rights: Owner

2. Contract dated September 14, 1956. To complete - 5 months.

Work Authorized

From a site and in a direction approved by the Government, the Operator shall drive not to exceed 200 feet of adit to explore the downward extension of lead-zinc mineralization exposed at the surface and in an early winze.

Fixed Unit Costs

200 feet of adit @ $27/ft.	$5,400.00
60 feet of timbering @ $5/ft.	300.00
40 samples assayed @ $3/sample	120.00
Estimated Total Cost of the Project	$5,820.00
Government Participation @ 50%	$2,910.00

8623

Amendments

No. 1 Agreed November 14, 1956.

Suspends work from October 21, 1956, to June 15, 1957.
Increases completion time from 5 months to 11 months.
Royalty payment period increased to 11 years.

No. 2 Effective date June 15, 1957.

Suspends work from June 15, 1957, to July 15, 1957.
Increases completion time from 11 months to 12 months.

Work Completed

200 feet of adit @ $27/ft.	$5,400.00
15 feet of timbering @ $5/ft.	75.00
24 samples assayed @ $3/sample	72.00
Total	$5,547.00

Project work was started October 1, 1956, and continued to October 20, 1956, when operations were suspended because of heavy snowfall. Work was resumed July 15, 1957 and completed September 10, 1957.

3. Report of Review dated October 9, 1957.

Total cost as billed by Contractor	$5,547.00
Exceptions	0.00
Total Accepted Cost	$5,547.00
Government Participation @ 50%	$2,773.50

Operator's final report dated September 13, 1957.
Field Team final report dated April 2, 1958.

4. Certification date: December 13, 1957.

The discovery consisted of lead-zinc ores occurring as replacements and fracture fillings within a breccia zone in limestone. Estimated ore reserves are 7,000 tons with a grade of 5.5% lead, 8.0% zinc and two ounces of silver per ton.

5. Comments

The adit was started in limestone in the footwall of the breccia zone. At 14 feet the breccia zone was encountered with a disclosure of weak mineralization. From 31 feet to 111 feet, a distance of 80 feet, lead-zinc-silver ore of an average thickness of 6.35 feet was exposed. From 111 feet to the face at 200 feet the mineralization weakened and at the face the breccia zone is barren.

Past production, mineral exposure by early operations, and ore discovery by the DMEA project indicate favorable possibilities for the development of substantial tonnages on the property. The many small addits along the breccia zone show that the ore extends through the vertical range of over 500 feet. The lateral extent, however, has not been adequately tested. Although some method of upgrading must be accomplished in order for the mine to be operated at a profit, further exploratory and development work on the property is warranted. It is believed that such work would expose numerous small ore bodies rather than one or two large continuous ones.

J. W. Alt

J. W. Alt

JWAlt/ss 6/9/58
Copy to: Docket
Mr. Johnson
Chron.

DMEA Form 18
Feb. 58

DEFENSE MINERALS EXPLORATION ADMINISTRATION

ANALYSIS OF SEMIANNUAL REPORT OF CERTIFIED PROJECT

Prepare in duplicate. File original in Official Docket. Send copy

To: Statistics Branch (Code 210)

From: Division of Minerals

Report Period	
7-1-59-12-31-59	

DMEA No.	Operator	Contract No.
4242	Privateer Mining Co	1009

ORE ESTIMATES

	Tons	Analysis
DMEA	7000	Pb. 5.5 - Zn 8.0, Ag 2.1
Operator to date		
Total		
Production to date	251	7.3 Pb - 21.3 Zn.
Ore in ground		

INVESTMENT

Type	Size		Feet	Cost
Shafts				
Winzes				
Drifts and Crosscuts				
Raises				
Drilling	Type			
Rehabilitation	Description			

FACILITIES

Mine Plant		
Mill		
Roads		

REMARKS

Prepared by WPY Date 3-9-60

31398

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
11/20/67		110
		220

NOV 20 1967

Privateer Mining Company
378 South 1100 East
Springville, Utah 84663

Re: DMEA-4242 (Lead-Zinc)
Privateer Mining Company
Privateer Mine
Juab County, Utah
Contract Idm-E1009

Gentlemen:

By the terms of the subject Exploration Project Contract, as amended, and the certification of discovery or development dated December 13, 1957, all minerals mined or produced from September 14, 1956, to September 14, 1967, were subject to the Government's royalty as set forth in said contract.

As the period during which production was subject to royalty has now expired, the Government according to its present records retains no claim or lien against the property subject to the contract or any future production therefrom. We, therefore, are closing our books and records on this contract. Your attention, however, is called to the provisions of the contract which require the Operator to keep and preserve certain records for the periods indicated.

Sincerely yours,

FRANK E. JOHNSON

Frank E. Johnson
Chief, Office of
Minerals Exploration

cc: Director's Reading File
Division File
Economic Geology File
OME Docket
OME Reading File
130
OME Region III
GLAult/a 11-20-67

NOTE TO FIELD OFFICER, OME REGION III:
In reference to the last paragraph of your November 14, 1967, memorandum, the following notation was written on the original of our January 19, 1967, letter and returned to this office:
"Dear Sir: 1/31/67
I made a mistake. Under item No. 1, I put an x in the yes box and I should have marked No. There has been no change in ownership.
Please accept my apologies. s/s Clinton C. Jenkins. Pres."

23263

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
FEDERAL CENTER, DENVER, COLORADO 80225
Office of Minerals Exploration

November 14, 1967

OFFICIAL COPY
O. M. E.
RECEIVED
NOV 16 1967

INITIALS	CODE

Memorandum

To: Chief, OME

From: Field Officer, Region III

Subject: DMEA-4242 (Lead-Zinc)
Privateer Mining Company
Privateer Mine
Juab County, Utah
Contract Idm E-1009

The U. S. Bureau of Mines has no record of production from the Privateer Mine for the period January 1967 to September 14, 1967. Their latest records show a shipment of 16.8255 tons of ore to the International Smelting and Refining Company on August 22, 1960. Our records show that $6.59 in royalty was paid OME from that shipment.

The last information in my Semiannual Report file from the operator was the report of a shipment of 23.935 tons which did not pay the operator enough to pay for an advance of funds amounting to $277.12 that he had obtained from International Smelting and Refining Company.

I have no record of the operator's reply to your letter dated January 19, 1966 concerning your request for him to inform you of the address of the new owner or lessee, and also to forward a true or signed copy of the document pertinent to the transaction.

J. William Hasler

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

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
10/16/67		110
		220

OCT 1 6 1967

Memorandum

To: Field Officer, Region III

From: Chief, Office of Minerals Exploration

Subject: DMEA-4242 (Lead-Zinc)
Privateer Mining Company
Privateer Mine
Juab County, Utah
Contract Idm-E1009

The royalty repayment period of the subject contract expired on September 14, 1967. Before closing the contract, will you please check with the U. S. Bureau of Mines on possible production from the property for the period January 1967 to September 14, 1967.

FRANK E. JOHNSON (gla)
OCT 10 1967

Frank E. Johnson

cc: Director's Reading File
Division file
Economic Geology File
OME Docket
OME Reading File
130 (2)

GLAult/a 10-16-67

23263

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
Building 20 - Federal Center
Denver 25, Colorado
February 11, 1960

OFFICIAL FILE COPY
O. M. E.
RECEIVED FEB 15 1960

DATE	INITIALS	CODE
2-15	gad	2 V0
"	JH	110
"	BEB	800
2-19	~~Received~~	500
		225

Memorandum

TO: Chairman, Operating Committee, OME

From: Executive Officer, OME Field Team, Region ~~III~~

Subject: Interim Report of Certified Project for the period August 6, 1959 through December 31, 1959

Docket No. DMEA 4242 (Lead-Zinc)
Contract No. Idm-E1009
Privateer Mining Company
(Privateer mine)
Juab County, Utah

Enclosed are the original and two copies of the subject report.

J. W. Townsend

Semiannual Report of Certified Projects

Reporting Period August 6, 1959 through December 31, 1959

Docket and Contract Number DMEA 4242, Idm-E1009

Operator Privateer Mining Company

Commodity Lead-Zinc

Mine Name Privateer

County and State Juab County, Utah

Date of Contract September 14, 1956

Date of Certification December 13, 1957

Expiration Date of Royalty Payments September 14, 1967

Date of Examination for this Report February 3, 1960

Total Amount of Contract $5,820.00

Total Expenditures under Contract $5,547.00

Amount of Government Participation at 50 % $2,773.50

Royalty Payments this Period $70.09

Previous Royalty Payments 72.38

Total Royalty Payments to Date 142.47

% Loan Repayment Completed 5.15

Amount of Royalty Due None

Royalty Remarks

	Tons	% Analysis Pb	Zn	oz/T Ag
Original Estimate of DMEA Reserve (Field Team Final Report) Mines [ ] Survey [ ] Joint [x]				
Revised Estimate of DMEA Reserves (Field Team) Mines [ ] Survey [ ] Joint [ ]	7,000	5.49	7.95	2.14
Increase of Reserves by work performed subsequent to DMEA project work				
Production DMEA ore (This period)	121.338	7.1	21.2	
(Previous)	129.774	7.5	21.4	
(To Date)	251.112	7.3	21.3	
" Operator's ore (This period)	0.00			
found subsequent (Previous)	0.00			
to DMEA work (To Date)	0.00			

Percent Revised Reserves Mined _____

(For Uranium Ores Only)

Initial Production Bonus:

Status of Operator: Ineligible [ ] Applied for [ ] Rec'ing pmt [ ] Paid up [ ]

Pounds U_3O_8 produced this period eligible for Bonus _____

Amount of Bonus paid to Operator this period $_____

Total pounds U_3O_8 produced to date eligible for Bonus _____

Total amount of Bonus paid to Operator to date $_____

Bonus Royalty Paid $_____

Bonus Royalty Due $_____

Investment Data - None for reporting period

Shafts Size	Feet	Cost	Winzes Size	Feet	Cost	Drifts & Crosscuts Size	Feet	Cost

Raises Size	Feet	Cost	Drilling Type & Size	Feet	Cost	Rehabilitation Description	Cost

Facilities

Mine Plant Description	Cost	Mill Description	Cost	Roads Description	Cost
Previously reported	$4,600.00				

Remarks

Oral statements by Mr. C. Jenkins, the company's president, when contacted 2/3/60, indicated that: (1) The production reported for this period is correct; (2) Operations were discontinued about the middle of August 1959 as result of the smelter strike; and (3) Operations will be renewed next summer if price for zinc stays up.

Signed M Romolo (Engineer)

DMEA Form 17
Feb. 58

DEFENSE MINERALS EXPLORATION ADMINISTRATION

WORK COMPLETED ANALYSIS

After final audit or review report is received, prepare original only and file in official docket

Operator: Privateer Mining Company		Actual Cost	
State: Utah		Agreed Unit Cost	X
Final Report of Audit		Commodity: Lead-Zinc.	Docket No. DMEA-4242
Final Report of Review	X		Contract No. Idm-E1009

Operation	Authorized by Contract and Amendments		Completed		Net cost after sale of Government Property
	Units	Cost	Units	Cost	
Drifting & Crosscutting (5' x 7')	200' @ $27./ft.	$5,400.00	200'	$5,400.00	$5,400.00
~~Raising~~ - Timbering	60' @ $5./ft.	300.00	15'	75.00	75.00
Shafts					
Winzes					
Drilling (Specify)					
Surface Excavation					
Underground Excavation					
Roads and Trails					
Operating Equipment Purchased					
Surface Rehabilitation & Repairs					
Underground Rehabilitation					
New Building, Improvements, etc.					
Other (Specify) 40 samples @ $3.00 Each		120.00	24	72.00	72.00
Totals		$5,820.00		$5,547.00	* $5,547.00

* Net cost total must agree with final report of audit or review.

Prepared by W.P. Klugescheid/er Date 4/8/58

31390

Fixed Unit costs,

200' adit @ 27/ft.	$5,400.00
60' Timbering @ 5.00/ft.	300.00
40 Samples assayed @ 3.00/each	120.00

Total Cost of Project, $5,820.00

Spent, 1956 ~~Oct.~~ 1957 ~~July~~, Aug & Sept.

Drifting @ ~~$27.00~~/ft.	~~101'~~ 200' ~~51'~~	5400.00	~~2,727.00~~ ~~1,377.00~~
Timbering @ ~~$5.00~~/ft.	15'		75.00
Assays @ ~~$3.00~~ ea	~~74~~ ~~2~~ 24	72.00	~~12.00~~ ~~6.00~~
			~~1,458.00~~ ~~2,844.00~~ 3,547.00

OFFICIAL FILE COPY
O. M. E
RECEIVED SEP 29 1961

DATE	INITIALS	COD
9/29	[illegible]	800
"	[illegible]	500
		220

Building 20 - Federal Center
Denver 25, Colorado

September 26, 1961

Memorandum

To: Fiscal Section, Division of Administrative Services
Office of the Secretary, Department of the Interior
Washington 25, D.C.

From: Acting Field Officer, OME, Region III

Subject: Docket No. IMEA 4242 (Lead-Zinc)
Contract No. Idm E1009
Privateer Mining Company
(Privateer mine)
Juab County, Utah

Attached is a letter from Clinton C. Jenkins, President, Privateer Mining Company requesting the repayment of $29.80 which he overpaid in royalty as shown in the Report of Royalty Review on the subject contract dated September 11, 1961.

Will you please send Mr. Jenkins a check for $29.80 to bring the royalty account into balance.

Original signed by

High M. Conners
Acting Field Officer, OME
Region III

Attachment
HMC/lm
cc Chief, Division of Field Operations, OME
Idm E1009
Chron

Privateer Mining Company
Clinton C. Jenkins, Pres.
211 South 3rd East Street
Springville, Utah

U. S. Dept. of the Interior
Office of Minerals Exploration
Building 20 - Federal Center
Denver 25, Colorado

OME
DEPARTMENT OF THE INTERIOR
SEP 26 1961
REGION III
DENVER COLORADO

Re: Docket No. DMEA 4242 (Lead-Zinc)
Contract No. Idm E1009
Privateer Mining Company
(Privateer Mine)
Juab County, Utah

Dear Sir:

In reference to your letter (copy of which is enclosed), of September 15th, advising that an overpayment of $29.80 had been made by Privateer Mining Company to your office and that this overpayment was refundable, we advise:

Privateer Mining Company would appreciate the refund of this overpayment and does hereby formally submit a claim for said overpayment.

Thank you for your considerate attention to this matter.

Yours very truly,

Clinton C. Jenkins

Clinton C. Jenkins
President, Privateer Mining Co.

OFFICIAL FILE COPY
O. M. E.
RECEIVED SEP 16 1961

DATE	INITIALS	CODE
9/18	[illegible]	800
9/18	[illegible]	~~500~~
		400
		220

Building 20 - Federal Center
Denver 25, Colorado

September 15, 1961

Memorandum

To: Fiscal Section, Division of Administrative Services
Office of the Secretary, Department of the Interior
Washington 25, D.C.

From: Hugh M. Connors, Acting Field Officer, OME, Region III

Subject: Docket No. DMEA-4242 (Lead-Zinc)
Contract No. Idm E1009
Privateer Mining Company
(Privateer Mine)
Juab County, Utah

Enclosed is the original of the Report of Royalty Review on the subject property dated September 11, 1961 covering the period May 7, 1960, through September 5, 1961.

Original signed by

Hugh M. Connors

Attachment
HMC/lm
cc Chief, Division of Field Operations, OME
E. D. Talbert, Acting Chief
Contract Administration and Audit Division
Royalty Corres. E1009
Chron

OFFICIAL FILE COPY
O. M. E.
RECEIVED SEP 16 1961

DATE	INITIALS	CODE

Building 20 - Federal Center
Denver 25, Colorado

September 15, 1961

Privateer Mining Company
211 South 3rd East Street
Springville, Utah

Re: Docket No. DMEA 4242 (Lead-Zinc)
Contract No. Idm E1009
Privateer Mining Company
(Privateer Mine)
Juab County, Utah

Gentlemen:

Enclosed is a copy of the Report of Royalty Review on the subject contract dated September 11, 1961 covering the period May 7, 1960, through September 5, 1961.

You will note that $29.80 is the amount of overpayment of royalty. If you submit a claim to us for that amount the overpayment in royalty will be refunded to you.

Yours very truly,

Original signed by

Hugh M. Connors
Acting Field Officer, OME
Region III

Enclosure
HMC/lm
cc Chief, Division of Field Operations, OME
E. D. Talbert, Acting Chief
Contract Administration and Audit Division
Royalty Corres E1009
Chron

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
9-12	gad	220

SEP 1 2 1961

Memorandum

To: Acting Field Officer, Region III

From: E. D. Talbert, Acting Chief (Signed) E. D. Talbert
Contract Administration and Audit Division

Subject: DMEA-4242 (Lead-Zinc)
Privateer Mining Company
Privateer Mine
Juab County, Utah
Contract Idm-81009

The original and two copies of a Report of Royalty Review covering the subject contract are attached. If you concur in the facts stated therein, please make the following distribution:

(a) Original to the Fiscal Section, Division of Administrative Services, Office of the Secretary, Department of the Interior, Washington 25, D. C.;
(b) One copy to the Operator; and
(c) One copy for your files.

As evidence of your concurrence, a copy of your memorandum transmitting the original report to the Fiscal Section should be furnished this Division. If for any reason you do not concur, the original and both copies of the report should be returned to this Division with your comments.

Attachments

EDTalbert/ama
September 11, 1961

Copy to: Docket
Director's Reading File
CA & A Division
Mr. Rothrock

43683

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
		220

AUG 2 5 1961

Memorandum

To: Acting Field Officer, Region III

From: E. D. Talbert, Acting Chief (Signed) E. D. Talbert
Contract Administration and Audit Division

Subject: DMBA-4242 (Lead-Zinc)
Privateer Mining Company
Privateer Mine
Juab County, Utah
Contract Idm-01009

This Division is preparing a Report of Royalty Review on the subject contract. Accordingly, your submission of an original and one copy of MME Form 22, Check Sheet of Examining Engineer, will be appreciated.

It appears that this project has been inactive since August 1960. If this is so, please make an appropriate statement under item 8 of MME Form 22.

EDTalbert/ama
August 25, 1961

Copy to: Docket
Director's Reading File
CA & A Division

43683

OFFICIAL FILE COPY
O. M. E.
RECEIVED AUG 14 1961

DATE	INITIALS	CODE
8/14	[illegible]	800
		500
"	[illegible]	500
		220

Building 20 - Federal Center
Denver 25, Colorado

August 10, 1961

Mr. Clinton C. Jenkins, President
Privateer Mining Company
211 South 3rd East Street
Springville, Utah

Re: Docket No. [illegible]-4242 (Lead-Zinc)
Contract No. Idm E1009
Privateer Mining Company
(Privateer mine)
Juab County, Utah

Dear Mr. Jenkins:

According to our records the following 4 lots of Privateer ore were purchased by the International Smelting and Refining Company during 1960.

Mine Lot No.	Smelter Lot No.	Dry Tons
6	I-2383	27.752
7	I-2397	42.6695
8	774	26.5395
9	I-2412	16.8255

Please advise this office if the above four lots represent all ore produced from the Privateer mine during 1960 and 1961. If there was additional production, advise tonnage and grade of ore stockpiled, and/or furnish two copies of settlement sheets for ore shipped.

Yours very truly,

Original signed by

Hugh M. Connors
Acting Field Officer, OME
Region III

TMR/lm
cc Chief, Division of Field Operations, OME
Idm E1009
Chron

OFFICIAL FILE COPY
O. M. E.
RECEIVED JUN 6 1960

DATE	INITIALS	CODE
6-6	gad	VVO
6/6	[illegible]	800
6/6	[illegible]	500
		225

Building 20 - Federal Center
Denver 25, Colorado

June 1, 1960

Clinton C. Jenkins, President
Privateer Mining Company
308 East First Street
Provo, Utah

Re: Docket No. DMEA 4242 (Lead-Zinc)
Contract No. Ldm-E1009
Privateer Mining Company
(Privateer Mine)
Juab County, Utah

Dear Mr. Jenkins:

Enclosed is your copy of the Report of Royalty Review covering the period September 14, 1956, through May 6, 1960.

Very truly yours,

Original signed by

Hugh M. Connors
Acting Field Officer
OME, Region III

Enclosure
HMC/lm
CC: Chief, Division of Field Operations (2)
E. D. Talbert, Acting Chief
Contract Administration and Audit Division
Royalty Corres. E1009
Chron

Building 20 - Federal Center
Denver 25, Colorado

EXTRA COPY O. M. E RECEIVED JUN 6 1960		
DATE	INITIALS	CODE

June 1, 1960

Clinton C. Jenkins, President
Privateer Mining Company
508 East First Street
Provo, Utah

Re: Docket No. DMEA 4242 (Lead-Zinc)
Contract No. Idm-E1009
Privateer Mining Company
(Privateer Mine)
Juab County, Utah

Dear Mr. Jenkins:

Enclosed is your copy of the Report of Royalty Review covering the period September 14, 1956, through May 6, 1960.

Very truly yours,

Original signed by

Hugh M. Connors
Acting Field Officer
OME, Region III

Enclosure
HMC/lm
CC: Chief, Division of Field Operations (2)
E. D. Talbert, Acting Chief
Contract Administration and Audit Division
Royalty Corres. E1009
Chron

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
224 New Customhouse
Denver 2, Colorado
April 8, 1958

OFFICIAL FILE COPY
DMEA
RECEIVED APR 10 1958

DATE	INITIALS	CODE
4/10	C	220
"	[illegible]	131
"	[illegible]	110
4/14	[illegible]	130
		520
4/16	[illegible]	[illegible]

Memorandum

To: Chairman, Operating Committee, DMEA

From: DMEA Field Team, Region III

Subject: Docket No. DMEA 4242 (Lead-Zinc), Contract No. Idm-E1009, Privateer Mining Company (Privateer mine), Juab County, Utah - FINAL SUMMARY REPORT

Enclosed are the original and two copies of a Joint Final Engineering and Geologic Report, dated April 2, 1958, by F. B. Moore, Geologist, Geological Survey, and M. H. Howes, Mining Engineer, Bureau of Mines, pertaining to work completed under the subject contract.

The original and one copy of the Operator's Final Report were forwarded by memorandum of October 7, 1957.

Final payment to the Operator was processed by this office October 18, 1957, in conformance with the Report of Review of reported project costs by the Contract Administration and Audit Division, DMEA, dated October 9, 1957, which was released to this office October 18, 1957.

Acceptable units of work or service completed under the contract consisted of 200 feet of adit drifting, 15 feet of timbering, and analysis of 24 samples for lead-zinc content; all at a total accepted cost of $5,547.00, toward which the government contributed 50 percent, or $2,773.50.

The exploration work completed resulted in the discovery or development of a significant quantity of lead-zinc ore, on which a Certification was issued December 13, 1957.

E. N. Harshman
E. N. Harshman

J. W. Townsend
J. W. Townsend
Acting Member

Reviewed by
DMEA OPERATING COMMITTEE
4-14-58
(date)

HMC-4-7-58

DMEA
DEPARTMENT OF THE INTERIOR
APR 3 - 1958
DENVER, COLORADO

FINAL FILM REPORT

UNITED STATES
DEPARTMENT OF THE INTERIOR
FRED A. SEATON, SECRETARY

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FINAL REPORT BY FIELD TEAM
REGION III

OFFICIAL FILE COPY
DMEA
RECEIVED APR 10 1958

DATE	INIT.	CODE
4/14	2/B	130
		220

DMEA 4242

Contract Idm-E 1009

Privateer Mining Company

Privateer mine

Juab County, Utah

Lead-zinc

Joint Final Engineering and Geologic Report

by

F. B. Moore, Geologist
Geological Survey

M. H. Howes, Mining Engineer
Bureau of Mines

April 2, 1958

Reviewed by
DMEA OPERATING COMMITTEE
4-14-58
(date)

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DMEA 4242

CONTRACT Idm-E 1009

PRIVATEER MINING COMPANY
PRIVATEER MINE
JUAB COUNTY, UTAH

INTRODUCTION AND SUMMARY

In April 1956 an application for Government aid in a lead-zinc exploratory project was submitted by the Privateer Mining Co. The proposed plan consisted of 1,000 feet of drifting at a total estimated cost of $29,495. Examination of the property on June 20, 1956, by W. E. Young, Bureau of Mines, and R. W. Osterstock, Geological Survey, indicated that insufficient mineralization was exposed to justify the ambitious proposed program. An alternate plan, comprised of 200 feet of drifting to explore outcropping mineralization and the downward extension of ore exposed in upper mine workings, was recommended and approved.

Lead and zinc sulfides and secondary minerals occur in a bedding-plane breccia zone in limestone believed to be of Pennsylvanian age. The beds strike northeast, dip 25 to 45° southeast, and are not unduly disturbed by faulting. The breccia zone has been explored by eight short adits over a vertical range of 500 feet. The uppermost adit produced an estimated 1,000 tons of ore. The DMEA adit exposed an

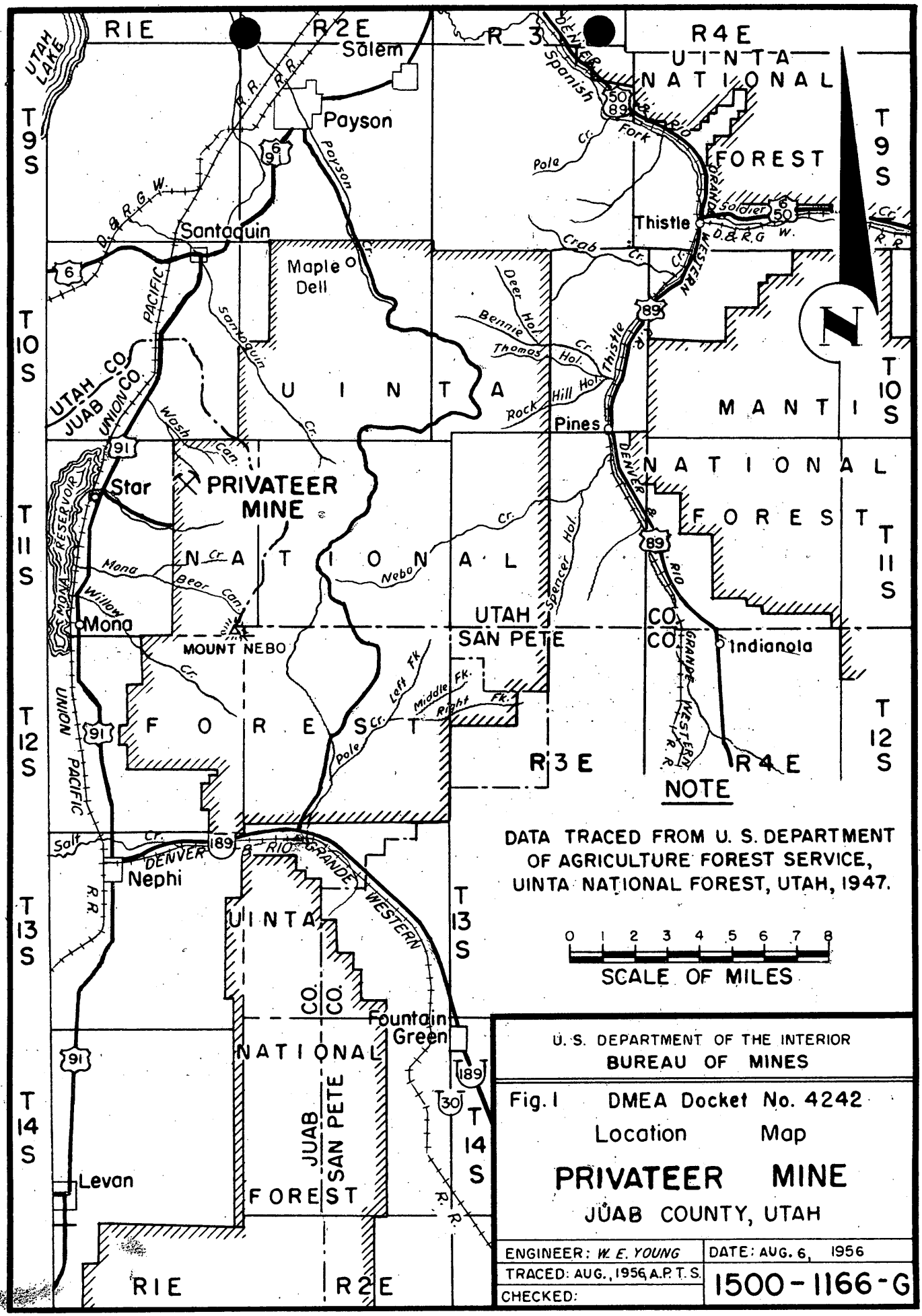
ore body 80 feet long which contains an estimated 7,000 tons of 13 percent combined lead-zinc ore. It has been recommended that the property be certified as a discovery.

LOCATION AND ACCESSIBILITY

The Privateer mine lies high on the westerly slope of the Wasatch Range, in the Mt. Nebo district, approximately 11 miles northeast of Mona, Utah (fig. 1). Extension of section lines indicates that the claims probably are in unsurveyed sec. 12, T. 11 S., R. 1 E., S.L.B. and M.

The property may be reached by traveling easterly on paved Utah Highway 11 from Nephi, Utah, for 7.4 miles through Salt Creek Canyon; thence by turning northerly and traveling 3.8 miles on hard-surfaced Nebo Scenic Loop road; thence by traveling 11.6 miles on improved dirt Nebo Scenic Loop road to stone monument; and thence by traveling the left fork 5.9 miles on rough dirt road to the mine. Narrow dugways, sharp turns, and steep grades make travel on the last 5.9 miles rather hazardous. Although the trip is possible with a touring car in dry weather, it is more desirable to use a pickup truck or a four-wheel-drive vehicle under any circumstances.

The rugged terrain of the area is comprised of steep ledges of limestone and quartzite. Because altitudes reach over 10,000 feet, the property is accessible only during summer and fall months.


R1E
R2E
R3
R4E
UTAH LAKE
Salem
Payson
Santaquin
Maple Dell
UINTA NATIONAL FOREST
Thistle
Pines
MANTI NATIONAL FOREST
Star
PRIVATEER MINE
Mona
MOUNT NEBO
UINTA NATIONAL FOREST
UTAH CO.
JUAB CO.
UNION CO.
SAN PETE CO.
Indianola
Nephi
Fountain Green
Levan
JUAB CO.
SAN PETE CO.
T9S
T10S
T11S
T12S
T13S
T14S
NOTE
DATA TRACED FROM U. S. DEPARTMENT OF AGRICULTURE FOREST SERVICE, UINTA NATIONAL FOREST, UTAH, 1947.
0 1 2 3 4 5 6 7 8
SCALE OF MILES
U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
Fig. 1 DMEA Docket No. 4242
Location Map
PRIVATEER MINE
JUAB COUNTY, UTAH
ENGINEER: W. E. YOUNG
DATE: AUG. 6, 1956
TRACED: AUG., 1956, A.P.T.S.
CHECKED:
1500-1166-G

OFFICIAL FILE COPY
DMEA
RECEIVED AUG 10 1956

DATE	INITIALS	CODE

PROPERTY

The Privateer Mining Co., 308 East 1st South Street, Provo, Utah, is a Utah corporation. Its officers and board of directors are:

Clinton C. Jenkins, President, General Manager, and Director
211 South 3rd East Street, Springville, Utah

Chester W. Jenkins, Vice President and Director

Louis L. Cook, Secretary, Treasurer, and Director

Ray L. Potts, Director

LeRoy Christen, Director

The company's property consists of 3 patented and 39 unpatented contiguous lode-mining claims (fig. 2), listed as follows:

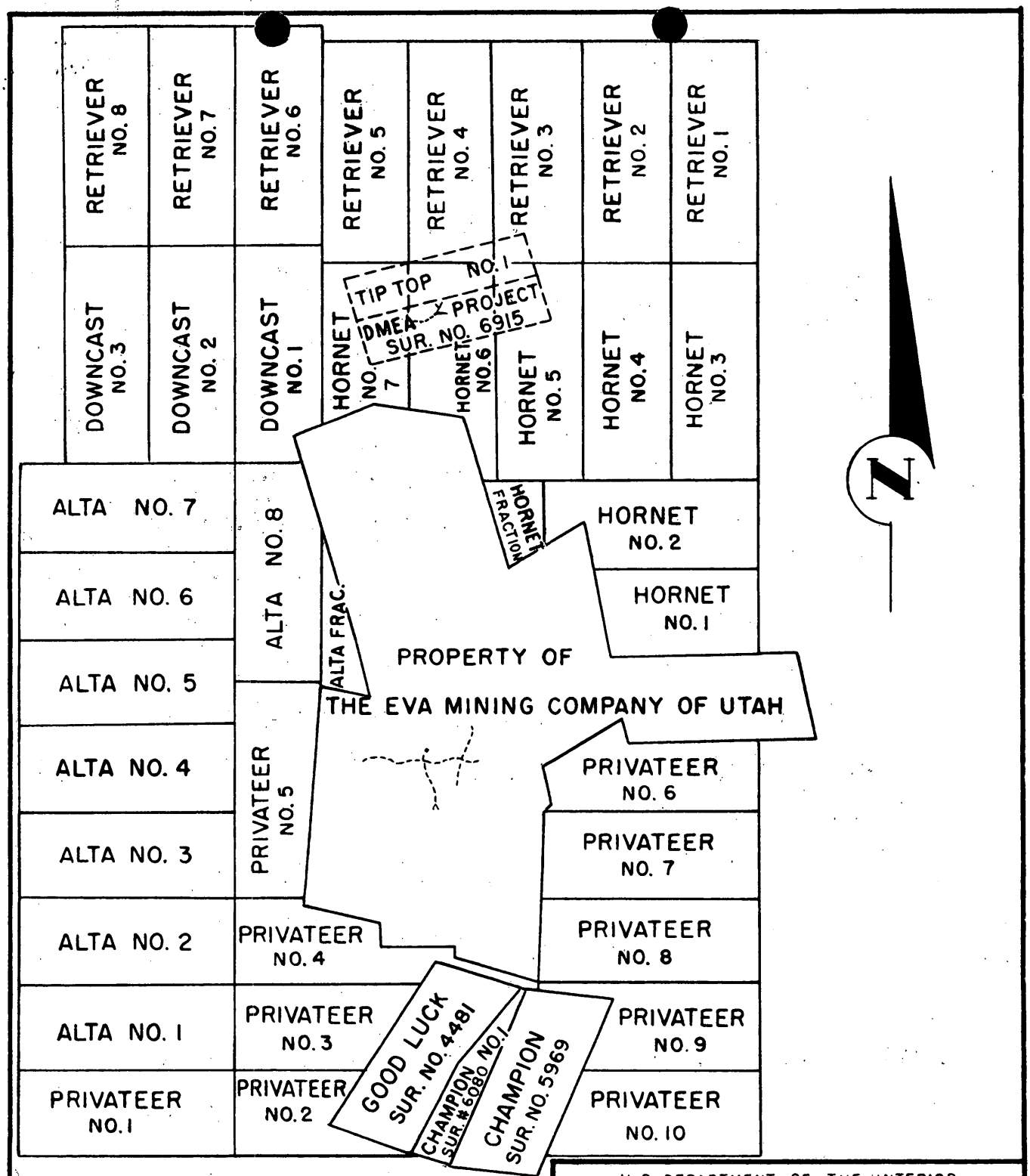
Patented

Name of Claim	Mineral Survey No.
Champion	5969
Champion No. 1	6080
Good Luck	4481

Unpatented

Recorded in the office of the County Recorder, Nephi, Juab County, Utah:

Name of Claim	Book No.	Page No.
Privateer No. 1	166	444
" " 2	"	445
" " 3	"	446
" " 4	"	447
" " 5	"	448



NOTE

DATA TAKEN FROM OPERATOR'S MAPS.

0 1000 2000 3000

SCALE OF FEET

U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Fig. 2 DMEA Docket No. 4242

Claim Map

PRIVATEER MINING CO.

JUAB COUNTY, UTAH

ENGINEER: M. H. HOWES	DATE: FEB. 24, 1958
TRACED: FEB. 1958, A.P.T.S.	1500-1218-G
CHECKED:	

OFFICIAL FILE COPY
DMEA
RECEIVED APR 10 1958

DATE	INITIALS	CODE

Name of Claim	Book No.	Page No.
Privateer No. 6	166	449
" " 7	"	450
" " 8	"	451
" " 9	"	452
" " 10	"	453
Sphinx Fraction	"	454
Alta No. 1	"	455
" " 2	"	456
" " 3	"	457
" " 4	"	458
" " 5	"	459
" " 6	"	460
" " 7	"	461
" " 8	"	462
Alta Fraction	"	463
Downcast No. 1	"	464
" " 2	"	465
" " 3	"	466
Hornet No. 1	"	467
" " 2	"	468
" " 3	"	469
" " 4	"	470
" " 5	"	471

Name of Claim	Book No.	Page No.
Hornet No. 6	166	472
" " 7	"	473
Hornet Fraction	"	474
Retriever No. 1	168	47
" " 2	"	48
" " 3	"	49
" " 4	"	50
" " 5	"	51
" " 6	"	52
" " 7	"	53
" " 8	"	54

These claims were acquired through purchase by the Privateer Mining Co., August 22, 1955.

The Tip Top No. 1 claim, shown on figure 2 in dashed lines, was surveyed for patent in 1926 and 1927, but the patent was not completed. The Hornet and Retriever claims were subsequently located to cover the Tip Top ground.

HISTORY AND PRODUCTION

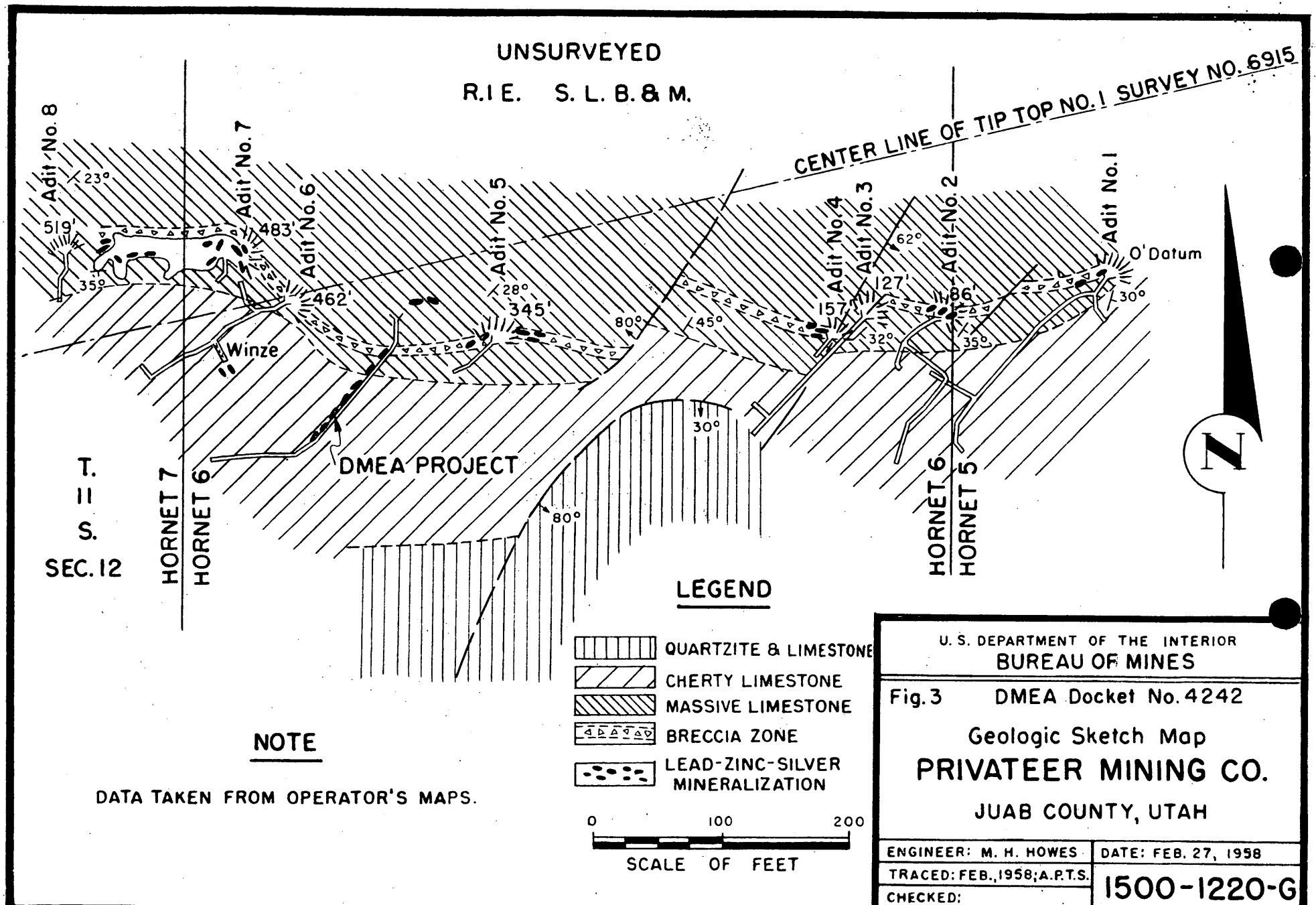
The property has been intermittently operated since its location in 1898. Prior to the DMEA project, 7 adits aggregating over 1,000 feet of drifting and crosscutting were driven, 5 of which have produced

limited amounts of high-grade lead ore. Principle production was made from the upper workings, where the stoped area shows the ore shoot to be more than 100 feet long, 25 to 35 feet wide, and 2 to more than 6 feet thick. While no definite information is available regarding the tonnage produced, the present management estimates a gross production value of $30,000. Difficulty was encountered in transporting the ore from the property to the nearest wagon road in Pole Canyon. It is reported that a crude aerial tramway was constructed to a point where the ore could be hauled in stone boats to the road. In recent years the Privateer Mining Co. constructed trucking roads to the mine.

GEOLOGY AND ORE DEPOSITS

The Mount Nebo mining district is underlain by a thick series of Paleozoic sedimentary rocks comprising limestone, dolomite, quartzite, and shale. In the vicinity of the Privateer mine, the rocks consist principally of limestones and quartzites striking northeasterly and dipping to the southeast (fig. 3). This limestone-quartzite sequence is believed to correlate with the Pennsylvanian Oquirrh formation described by J. Gilluly [1/] in the Stockton and Fairfield quadrangles 40 miles to the northwest. The rocks have been moderately folded and displaced by steeply dipping faults with movements of as much as 100 feet.

1/ James Gilluly (1932): Geology and Ore Deposits of the Stockton and Fairfield quadrangles, Utah; U.S.G.S. Prof. Paper 173.


UNSURVEYED
R.1 E. S. L. B. & M.
CENTER LINE OF TIP TOP NO. 1 SURVEY NO. 6915
Adit No. 8
Adit No. 7
Adit No. 6
Adit No. 5
Adit No. 4
Adit No. 3
Adit No. 2
Adit No. 1
23°
519'
35°
483'
462'
Winze
28°
345'
80°
45°
157'
32°
62°
127'
86'
35°
30°
0' Datum
30°
80°
DMEA PROJECT
T. 11 S.
SEC. 12
HORNET 7
HORNET 6
HORNET 6
HORNET 5
N
LEGEND
QUARTZITE & LIMESTONE
CHERTY LIMESTONE
MASSIVE LIMESTONE
BRECCIA ZONE
LEAD-ZINC-SILVER MINERALIZATION
0
100
200
SCALE OF FEET
NOTE
DATA TAKEN FROM OPERATOR'S MAPS.
U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
Fig. 3 DMEA Docket No. 4242
Geologic Sketch Map
PRIVATEER MINING CO.
JUAB COUNTY, UTAH
ENGINEER: M. H. HOWES
DATE: FEB. 27, 1958
TRACED: FEB., 1958; A.P.T.S.
CHECKED:
1500-1220-G

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DMEA
RECEIVED APR 10 1958
CODE

DATE	INITIALS	CODE

The ore deposits in the Privateer mine are restricted to a bedding plane breccia zone in a massive bluish-gray crystalline limestone. Overlying this limestone is a series of tan to brown or black, impure limestone beds and thin intercalated quartzite beds. Black, tan, and white chert nodules are dispersed through the tan limestone unit.

The mineralized breccia zone is approximately parallel to the bedding but in some areas it cuts the limestone beds at a slight angle. It strikes N 50 to 60° E, dips 20 to 30° southeast and ranges in width from 2 to 8 feet. The ore occurs as irregular pods or masses within the breccia but appears to favor the hanging wall side. The best ore occurs in the most highly brecciated areas. Minor flexures and possibly small fissures, which are exposed in the ore-bearing areas, are believed to have had some control in ore localization. No major structure which would localize ore over a large distance was seen in or near the DMEA workings. The ore bodies in the DMEA adit and the upper adit are separated by a zone, explored by an intervening adit, containing sporadic pods of ore too small to be mined.

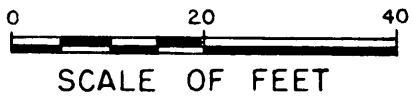
Ore minerals are principally argentiferous galena and cerussite and lessor amounts of sphalerite, smithsonite, hydrozincite, and hemimorphite. Limonite boxworks and manganese stains are common in the ore zone. The principal gangue minerals are unreplaced limestone breccia, dolomite, and quartz. Ore minerals have been emplaced by

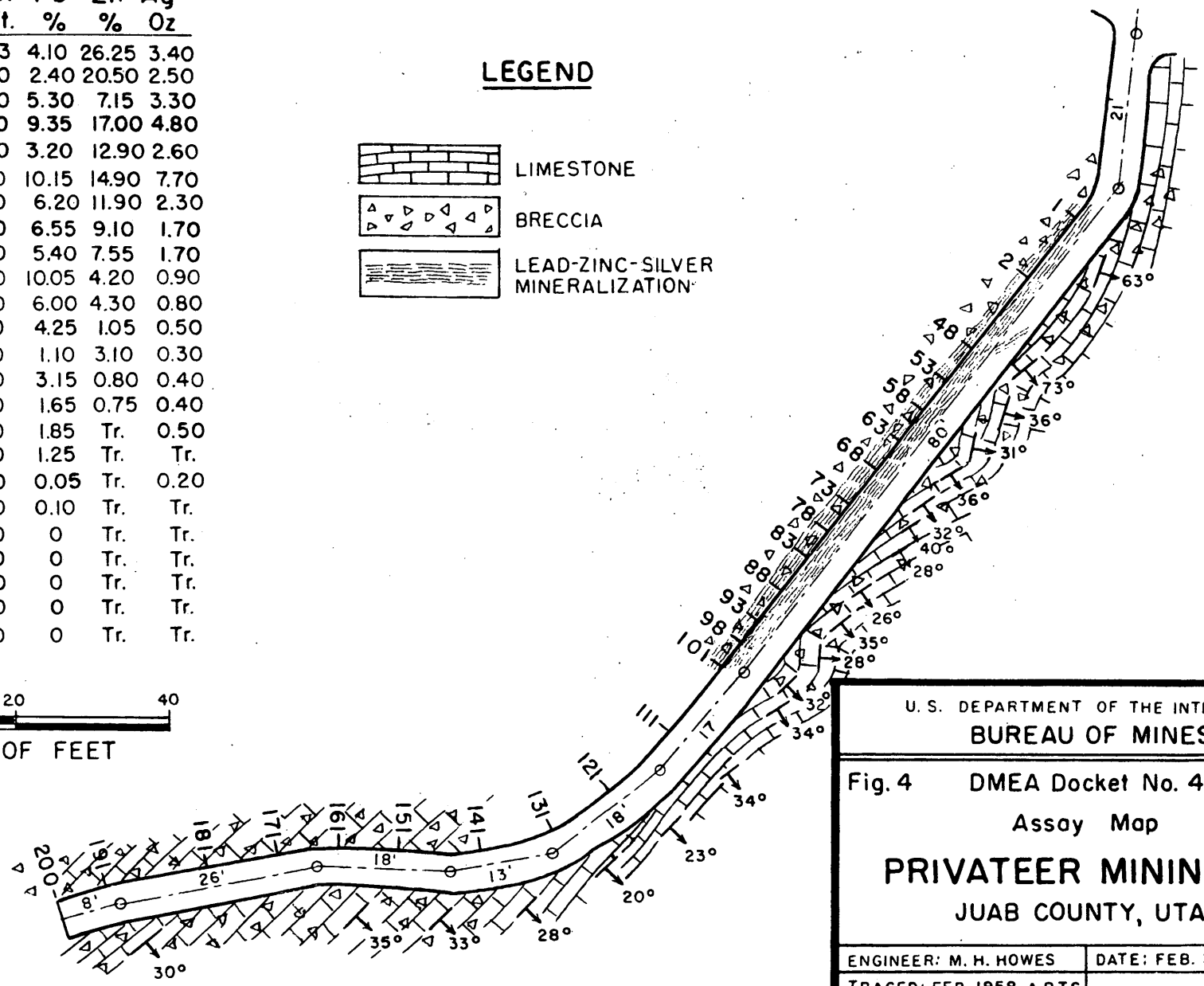
replacement and open space filling. Galena, the most prominent ore mineral, appears to have selectively replaced dolomite which cements the limestone breccia, although some galena replaces the limestone fragments. Sphalerite, although mostly leached out of the ore, appears to have been deposited in the same manner as the galena. The secondary lead and zinc minerals occur in druzy masses in general having a box-works texture. Some sulfide masses show rims of secondary minerals; more commonly the centers or the entire mass has been converted to secondary minerals. A large part of the sphalerite has been affected by oxidation; galena has been affected to a lesser extent. Some galena masses appear to be entirely unaffected. White, chalky hydrozincite, one of the last minerals formed, lines many of the cavities.

ORE RESERVES

The ore zone, 80 feet in strike length and 6.35 feet in thickness, appears to extend up dip an effective distance of 80 feet and downdip a like distance of 80 feet. The inferred ore reserve estimate, based on 6.35 feet thick x 80 feet long x 160 feet high ÷ 11.61 cubic feet per ton, is approximately 7,000 tons of ore assaying 5.49 percent lead, 7.95 percent zinc, and 2.14 ounces silver per ton. The above values are a weighted average of assays of samples taken within the ore zone (fig. 4).

Sample NO.	Cut Ft.	Pb %	Zn %	Ag Oz
1	1.3	4.10	26.25	3.40
2	3.0	2.40	20.50	2.50
48	7.0	5.30	7.15	3.30
53	7.0	9.35	17.00	4.80
58	7.0	3.20	12.90	2.60
63	7.0	10.15	14.90	7.70
68	7.0	6.20	11.90	2.30
73	7.0	6.55	9.10	1.70
78	7.0	5.40	7.55	1.70
83	7.0	10.05	4.20	0.90
88	7.0	6.00	4.30	0.80
93	7.0	4.25	1.05	0.50
98	7.0	1.10	3.10	0.30
101	7.0	3.15	0.80	0.40
111	7.0	1.65	0.75	0.40
121	7.0	1.85	Tr.	0.50
131	7.0	1.25	Tr.	Tr.
141	7.0	0.05	Tr.	0.20
151	7.0	0.10	Tr.	Tr.
161	7.0	0	Tr.	Tr.
171	7.0	0	Tr.	Tr.
181	7.0	0	Tr.	Tr.
191	7.0	0	Tr.	Tr.
200	7.0	0	Tr.	Tr.





U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Fig. 4 DMEA Docket No. 4242

Assay Map

PRIVATEER MINING CO.

JUAB COUNTY, UTAH

ENGINEER: M. H. HOWES	DATE: FEB. 26, 1958
TRACED: FEB. 1958, A.P.T.S.	1500-1219-G
CHECKED:	

DESCRIPTION OF THE CONTRACT WORK

The contract states, "From a site and in a direction approved by the Government, the Operator shall drive not to exceed 200 feet of adit to explore the downward extension of lead-zinc mineralization exposed at the surface and in a nearby winze. The adit shall be timbered where necessary, but the Government will contribute to the cost of not more than 60 feet of timbering. The size of the adit shall not be less than 5 feet by 7 feet in cross section in the clear of timber.

"Not to exceed 40 samples shall be assayed for lead, zinc, and silver.

"The approximate location and direction of the adit are shown on the map (Figure 3) entitled: Geologic Sketch Map, Privateer Mining Company, Mount Nebo mining district, sec. 12, T. 11 S., R. 1 E., Juab County, Utah, attached hereto and made a part hereof."

The actual position of the portal of the adit was moved approximately 40 feet west of the position shown on the contract map (fig. 3), because of advantages resulting from topography, presence of rock in place, and absence of slide rock. It lies N 75° W, a distance of 80 feet from the portal of adit No. 5.

Project work started October 1, 1956, and continued to October 20, 1956, when operations were suspended because of heavy snowfall. The

adit had been driven 51 feet, which included 15 feet of timbering. Work was resumed July 15, 1957, and conducted to September 10, 1957, thus completing 200 feet of adit advance as allowed by the contract (fig. 4).

The adit was started in limestone in the footwall of the breccia zone. At 14 feet the breccia zone was encountered with a disclosure of weak mineralization. From 31 feet to 111 feet, a distance of 80 feet, lead-zinc-silver ore of an average thickness of 6.35 feet was exposed. From 111 feet to the face at 200 feet the mineralization weakened and at the face the breccia zone is barren.

Two amendments were made to the original contract.

Amendment No. 1, dated November 14, 1956, allows: suspension of the contract work from October 21, 1956, through June 15, 1957; the period within which the operator shall complete the work to be increased from 5 to 11 months; and the maximum period for royalty payments and lien for payment thereof to be increased from 10 to 11 years.

Amendment No. 2, dated July 24, 1957, extends the end of suspension of operations from June 15, 1957, to July 15, 1957, and increases the period within which the operator shall complete the work from 11 to 12 months.

EXPENDITURES

The total allowable cost of the project stipulated in the contract was $5,820, of which Government participation at 50 percent was $2,910.

Report of review by T. H. Brading, auditor, dated October 9, 1957, established the total accepted cost of the project at $5,547, of which the Government's share of the cost at 50 percent participation is $2,773.50. The breakdown of accepted costs is as follows:

200 feet of adit at $27.00/ft.	$ 5,400.00	
15 feet of timbering at $5.00/ft.	75.00	
24 samples assayed at $3.00/sample	72.00	
Total		$ 5,547.00

CONCLUSIONS AND RECOMMENDATIONS

Past production, mineral exposure by early operations, and ore discovery by the DMEA project indicate favorable possibilities for the development of substantial tonnages of ore on the property. The many small adits along the breccia zone show that the ore extends through a vertical range of over 500 feet. The lateral extent, however, has not been adequately tested. Although some method of upgrading must be accomplished in order for the mine to be operated at a profit, further exploratory and development work on the property is warranted. It is believed that such work would expose numerous small ore bodies rather than one or two large continuous ones.

Because work under the DMEA project resulted in exposing an ore body containing an inferred 7,000 tons of 13 percent combined lead-zinc, it is recommended that the property be certified as a discovery.

IN REPLY REFER TO:

OFFICIAL FILE COPY
DMEA
RECEIVED APR 15 1958

DATE	INITIALS	CODE
4/15		220
4/17		500
Memorandum		

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

April 14, 1958
Re: DMEA 4242 Idm-E1009
Privateer mine
Privateer Mining Co.
Juab County, Utah
Lead-Zinc

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

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

Subject: Review of Field Team Final Report

The contract, awarded September 14, 1956, authorized the expenditure of $5,820.00 on the exploration, by drifting, of a breccia zone in limestone, in which small ore bodies had been shown to occur. The mine is credited with a production of $30,000 by the operator.

The drift, 200 feet long, which cost $5,547.00, developed a mineralized section of the breccia zone 80 feet in length and 6.35 feet in thickness. Assuming it extends up dip 80 feet and down dip 80 feet, it is estimated by the examiners to contain 7,000 tons of ore averaging 5.49% lead, 7.95% zinc, and 2.14 ounces silver per ton.

The project was certified December 13, 1957.

In the opinion of the examiners, further work would expose numerous small ore bodies rather than one or two large continuous ones.

N. E. Nelson

N. E. Nelson

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
12/4	[illegible]	500
12-11	Chambers	800
12/13	[illegible]	130
12/13	[illegible]	130
12/13	Nelson	130
"	Johnson	110
"	Mittendorf	100
		~~RB~~
12/16	[illegible]	220
		500

Rec 12-11

DEC 13 1957

Mr. Clarence A. Fredell, Acting Director
Technical Services Division
Defense Materials Service
General Services Administration
7th and D Streets, S.W.
Washington 25, D. C.

Re: Docket No. DMEA-4242 (Lead-Zinc)
Privateer Mining Company
Privateer Mine
Juab County, Utah
Contract No. Idm-E1009

Dear Mr. Fredell:

Enclosed is a copy of a certification of discovery or development related to Exploration Project Contract No. Idm-E1009.

The contract was dated September 14, 1956, with the Government participating to the extent of 50 per cent in an exploration project estimated to cost $5,820.00. Actual expenditures were $5,547.00, with the Government's share being half of such amount, or $2,773.50.

The total amount of work provided for under the contract consisted of two hundred feet of drifting, with not more than sixty feet to be timbered. Work actually done consisted of the two hundred feet of drifting, of which fifteen feet were timbered.

The discovery consisted of lead-zinc ores occurring as replacements and fracture fillings within a breccia zone in limestone. Estimated ore reserves are 7000 tons with a grade of 5.5 per cent lead, 8.0 per cent zinc and two ounces of silver per ton.

Sincerely yours,

C. O. Mittendorf (for)

Administrator

WRGriswold/er 12/4/57
Copy to: Docket
Admr R File
Op. Committee
Mr. Lamb, USBM
Mr. Kiilsgaard, USGS
Cont.Adm & Audit Div.
Region III (2)
F.E. Johnson
W.R. Griswold
Chron.

Enclosures

8623

DMEA Form 7
(12-56)

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Date	Surname	Code
12/4	[illegible]	500
	[illegible]	140
	[illegible]	140
12-11	[illegible]	800
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12/13	[illegible]	130
12/13	[illegible]	130
"	[illegible]	110
"	[illegible]	100
		~~111~~ 200
		500

DEC 13 1957 Rec. 12-11 -

Mr. Clinton C. Jenkins, President
Privateer Mining Company
308 East First Street
Provo, Utah

Re: Docket No. DMEA-4242 (Lead-Zinc)
Privateer Mining Company
Privateer Mine
Juab County, Utah
Contract No. Idm-E1009

Dear Mr. Jenkins:

Transmitted herewith is a certification of discovery or development related to the Exploration Project Contract No. Idm-E1009, dated September 14, 1956, on the lands described in the contract.

By the terms of the Exploration Project Contract and of the certification, all minerals mined or produced from September 14, 1956, to September 14, 1966, are subject to the Government's percentage royalty as set forth in the contract until the sum of $2,773.50 which the Government has advanced as its participating interest is repaid.

Payments should be made to Mr. W. H. King, Executive Officer, DMEA Field Team, Region III, 224 New Customhouse Building, Denver 2, Colorado. Checks should be drawn in favor of the Defense Minerals Exploration Administration. The purchaser should be advised to deduct royalties from the amount due on each shipment and forward the checks to the Executive Officer.

Royalty payments to the Government should be accompanied by suitable evidence, such as copies of settlement sheets, showing quantity and grade of the products sold, the name of the purchaser, and the price and charges, certified to be correct by the purchaser.

You are requested to notify Mr. King of any changes in ownership or production rights that might affect the Government's right to its percentage royalty. Also, if production ceases at any time for an extended period please notify Mr. King at six-month intervals that such is the case.

Sincerely yours,

C. O. Mittendorf (for)

Administrator

Enclosures

Mr. F.E. Johnson
Mr. W.R. Griswold
Chron.
1957

Admr R File
Op. Committee
Cont.Adm & Audit Div.
Finance Officer
Region III (2)

WRGriswold/er 12/4/57
Copy to: Docket
Mr. C. A. Fredell, DR.TDS.DMS
Mr. Lamb, USBM
Mr. Kilsgaard, USGS

8623

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
224 New Customhouse
Denver 2, Colorado

OFFICIAL FILE COPY
DMEA
RECEIVED NOV 25 1957

DATE	INITIALS	
11/25	gb	220
"	Cdu	100
11/26	Jwa	500

November 22, 1957

Memorandum

To: Chairman, Operating Committee, DMEA

From: Acting Executive Officer, DMEA Field Team, Region III

Subject: Docket No. DMEA 4242 (Lead-Zinc), Contract No. Idm-E1009, Privateer Mining Company (Privateer mine), Juab County, Utah.

Enclosed are the original and two copies of a joint memorandum, dated November 18, 1957, from M. H. Howes, Mining Engineer, Bureau of Mines, and F. B. Moore, Geologist, Geological Survey, which is in reference to your letter of November 4, 1957, concerning recommendations relative to the issuing of a Certification of Discovery or Development.

The field examiners provide an estimate of the ore reserves resulting from the exploration work performed and recommend that the project be certified as a Discovery or Development, in which this office concurs.

E. N. Harshman

E. N. Harshman

Enclosures

IN REPLY REFER TO:

DMEA
DEPARTMENT OF THE INTERIOR
NOV 19 1957
REGION III
DENVER, COLORADO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Defense Minerals Exploration Administration
Denver Federal Center
Denver, Colorado

OFFICIAL FILE COPY
DMEA
RECEIVED NOV 25 1957

DATE	INITIALS	CODE

November 18, 1957

Memorandum

To: W. H. King, Executive Officer, DMEA Field Team, Region III
Through: E. N. Harshman

From: M. H. Howes
F. B. Moore

Subject: Docket No. DMEA 4242 (Lead-zinc), Contract Idm-E1009, Privateer Mining Co. (Privateer, et al., mining claims), Juab County, Utah. Recommendation for certification of discovery

The area from which production will be subject to the Government's percentage royalty is the same as that set forth in Article 2 of Contract Idm-E1009.

Lead-zinc sulfides and oxides occur as replacements and fillings of fractures in the dolomitic matrix of a 2- to 8-foot-thick breccia zone within a southeasterly dipping, bluish-gray, crystalline limestone formation. The breccia zone outcrops in an easterly direction on the north slope of the mountain for a slope distance of nearly 1,000 feet. Several adits have penetrated the zone over a vertical distance of more than 500 feet. It is reported that an estimated quantity of 1,000 tons of ore has been produced from the uppermost workings of the property since the discovery of ore about 1898.

The DMEA project workings consist of an adit driven 200 feet southwesterly along the breccia zone. The adit is approximately 70 feet vertically lower than the old stope from which early production was made. Lead-zinc-silver ore was encountered for a distance of 80 feet from a point 31 feet from the portal of the adit to a point 111 feet from the portal. A weighted average of assays of samples taken within the ore zone is: 5.49 percent lead, 7.95 percent zinc, and 2.14 ounces silver per ton. The average thickness of the ore is 6.35 feet. The ore zone, 80 feet in strike length and 6.35 feet in thickness, appears to extend up-dip an effective distance of 80 feet-100 feet to the old stope minus 20 feet of barren zone at an in-between adit. It can be assumed that the down-dip extension will be a like distance of 80 feet. An inferred ore reserve estimate is 6.35 (feet thick) x 80 (feet long) x 160 (feet high) ÷ 11.29 (cubic feet per ton) = approximately 7,000 tons of ore containing the above average assay.

It is recommended that certification of discovery or development be made on the Privateer Mining Co. property.

M. H. Howes

M. H. Howes

F. B. Moore

F. B. Moore

cc: J. B. Clemmer

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
11/4	[illegible]	500
		~~500~~
11/4	GCS	130
"	Johnson	110
		~~100~~
		~~HB~~
11/5	C	225
		500

500

NOV 4 1957

Mr. E. N. Harshman
Acting Executive Officer
DMEA Field Team, Region III
224 New Customhouse Bldg.
Denver 2, Colorado

Re: Docket No. DMEA-4242 (Lead-Zinc)
Privateer Mining Company
Privateer Mine
Juab County, Utah
Contract No. Idm-E1009

Dear Mr. Harshman:

With reference to the cited completed contract, will you please advise us if you intend to recommend certification of the project.

In the event that the final Field Team report has not been prepared and that you intend to recommend certification, perhaps you can supply us with a synopsis containing sufficient information for certification. We would need to know the estimated ore reserves and the grade, which would be subject to royalty payments, with a few words concerning ore occurrence and the host rocks.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (GCS)

JWAlt/er 11/4/57

Copy to: Docket
AdmrR ile
Op. Committee
Mr. Bishop, USBM
Mr. Kiilsgaard, USGS
Chron.

APPROVED:

P. F. Yopes (GCS)
Member, Bureau of Mines

Thor H. Kiilsgaard (GCS)
Member, Geological Survey

8623

EXTRA COPY
DMEA
RECEIVED OCT 25 1957

DATE	INITIALS	CODE
10/25	gb	220
"	JLG	110
10/28	Jwa	500

224 New Customhouse
Denver 2, Colorado

October 23, 1957

Memorandum

To: Chairman, Operating Committee, DMEA

From: Acting Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA-4242 (Lead-Zinc) Contract Idm-E1009
Privateer Mining Company (Privateer et al mining claims) Juab County, Utah - FINAL PAYMENT

Enclosed are two copies of a memorandum to T. A. Christensen, dated October 18, 1957, relative to final payment under the terms of the subject contract.

Original signed by
E. N. HARSHMAN
E. N. Harshman

Enclosures

JDC:hmh

cc: DMEA, SLC
Corres.file, Reg. III
MF-104 file, Reg. III
Chron

2d6 New Customhouse
Denver 2, Colorado
October 11, 1957

Memorandum

To: T. A. Christenson

From: Acting Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA-4242 (Lead-Zinc) Contract Idm-E1009
Privateer Mining Company (Privateer et al mining claims) Juab County, Utah - FINAL PAYMENT

Reference is made to our memorandum of September 30, 1957, whereby we transmitted Final Form MF-104, Operator's Monthly Report and Voucher, for the period August-September, 1957, and requested that you withhold the amount of $500.00 from reimbursement to the Operator, pending resolution of matters prerequisite to closing the account.

The Operator's final report has been received, therefore we recommend that final payment to the Operator be made on the following basis, which is in conformance with the Report of Review of reported project costs by the Contract Administration and Audit Division, dated October 9, 1957:

Basis for Final Payment

Total accepted cost	$5,547.00
Government participation at 50%	2,773.50
Total prior payments	2,273.50
Balance due the Operator	$ 500.00

Original signed by
E. N. HARSHMAN
E. N. Harshman

JDC:hmh
cc: Chmn. Op. Comm. (2)
Harshman (2)
DMEA, SLC
Townsend
Corres. file, Reg. III
MF-104 file, Reg. III
Chron

Paid $500.00
RKC
Randel K. Cooper
Authorized Certifying Officer

OCT 22 1957

DMA-58-49

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
10/15	Talbert	800
10/15	B	220
10/16	Jwa	500

10/21

OCT 15 1957

Mr. Thomas H. Brading
DMEA Auditor
224 New Customhouse
Denver 2, Colorado

Re: Report of Review
Privateer Mining Company
Idm-E1009, DMEA-4242

Dear Mr. Brading:

Your Report of Review in lieu of a final audit of the referenced project is accepted and distribution authorized after correction in the first paragraph of the period covered to read "October, 1956 to September, 1957."

The final MF-104 is indicated as being for the months of "August and September 1957" and the attached narrative specifies completion of the work "on September 10, 1957."

Sincerely yours,

(Signed) J. L. Chambers

Jay L. Chambers, Director
Contract Administration
and Audit Division

EDTalbert/wb
October 15, 1957

Copy to: Docket
Admr. Reading File
Mr. Chambers

8623

OFFICIAL FILE COPY
DMEA
RECEIVED OCT 10 1957

DATE	INITIALS	CODE
10/10	C	220
10/10	~~CORRT~~	500

224 New Customhouse
Denver 2, Colorado

October 7. 1957

Memorandum

To: T. H. Brading, DMEA Auditor

From: Acting Executive Officer, DMEA Field Team, Region III

Subject: Docket No. DMEA 4242 (Lead-Zinc), Contract No. Idm-E1009, Privateer Mining Company (Privateer et al. mining claims), Juab County, Utah

Authorized work under the subject contract was completed September 10, 1957 and the Operator has rendered a final engineering and geologic report and final accounting, as required by the contract.

Therefore, final payment of the Operator's account is in order, contingent on release to this office of a Report of Review of reported project costs.

Exploration work or service completed under the contract on a fixed unit cost basis consisted of 200 feet of adit drifting, 15 feet of timbering, and chemical analysis of 24 samples.

The sum of $500.00 was withheld from reimbursement to the Operator in processing the final accounting report, which was for the period of August and September, 1957.

Original signed by
E. N. HARSHMAN

E. N. Harshman

JWT:prl

cc: Chmn. Op. Comm. (2)
Harshman
Townsend
Corres. file
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
224 New Customhouse
Denver 2, Colorado

OFFICIAL FILE COPY
DMEA
RECEIVED OCT 10 1957

DATE	INITIALS	CODE
10/10	C	220
10/10	[illegible]	800
10/10	JWA	500

10/18

October 7, 1957

Memorandum

To: Chairman, Operating Committee, DMEA

From: Acting Executive Officer, DMEA Field Team, Region III

Subject: Docket No. DMEA 4242 (Lead-Zinc), Contract No. Idm-E1009, Privateer Mining Company (Privateer et al. mining claims), Juab County

Enclosed are the original and ~~two~~ one copies of a final engineering and geologic report submitted by the Operator, pertaining to work completed under the subject contract.

E. N. Harshman

E. N. Harshman

Enclosures

FINAL ENGINEERING REPORT

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
1600 EAST FIRST SOUTH STREET
SALT LAKE CITY 12, UTAH

DMEA
DEPARTMENT OF THE INTERIOR
OCT 7 - 1957
REGION III
DENVER, COLORADO

October 4, 1957

Memorandum

To: W. H. King, Executive Officer, DMEA Field Team, Region III

From: M. H. Howes

Subject: Docket No. DMEA-4242 (Lead-zinc), Contract Idm-E1009, Privateer Mining Co., Juab County, Utah

Enclosed are five copies of the operator's final engineering and geologic report.

M. H. Howes

M. H. Howes

OFFICIAL FILE COPY
DMEA
RECEIVED OCT 10 1957

DATE	INITIALS	CODE

Enclosure

cc: J. B. Clemmer

OFFICIAL FILE COPY
DMEA
RECEIVED OCT 1957
DATE | INITIALS | CODE

Privateer Mining Company
Clinton C. Jenkins, Pres.
308 East 1st South Street
Provo, Utah

September 13, 1957

DMEA
DEPARTMENT OF THE INTERIOR
OCT 7 - 1957
REGION III
DENVER, COLORADO

W. H. King
~~Executive Officer, DMEA~~
Field Team, Region III
224 New Customhouse
Denver 2, Colorado

Re: Docket No. DMEA 4242 (Lead-Zinc)
Contract No. Idm - E 1009
Privateer Mining Company
(Privateer et al. mining claims)
Juab County, Utah

OPERATOR'S FINAL ENGINEERING & GEOLOGICAL REPORT

Agenda of Operations and Results thereof:

Work was begun on our DMEA Contract # E 1009, October 1, 1956, and after having completed fifty one feet of drift, operations were suspended for the winter months, on October 20, 1956.

We resumed work on our DMEA project on July 15, 1957, and completed the contract on September 10, 1957, after having driven an additional one hundred forty nine feet, thus completeing an aggregate of 200 feet of development work, as per contract.

The portal of the development, was located 104 feet west and 65 feet above Adit 345. This particular site was chosen, as it afforded a solid face of rock which facilitated our entry underground and was also adjacent to an exposure of the breccia zone which we intended to prospect.

Our operations underground progressed as follows:

From our point of entry underground, we drifted S 4° W, for a distance of 21 feet. We encountered the breccia zone at a distance of 14 feet from the portal, which at this point was weakly mineralized. Another 7 feet was then driven to the hanging wall of the zone and a 32° turn was made to the West, afterwhich we drifted an additional 80 feet on a bearing of S 36° W, in the breccia zone.

At a distance of 31 feet from the portal, we encountered intense mineralization in the breccia zone, about three feet in thickness, which became progressively thicker as we advanced, until at a distance of 60 feet from the portal, it had attained a thickness of approximately 5 feet.

The mineralized portion of the breccia zone, averaging 5 feet in thickness and extending from the hanging wall downward, continued to a point 85 feet from the portal, where it began pinching out. The mineralization had almost entirely disappeared at 101 feet.

As the drift advanced past 101 feet, it became evident that we were leaving the breccia zone and getting into the thin-bedded compact limestones which lie above the hanging wall of the breccia zone. Accordingly, we altered the course of the drift by bearing progressively to the right in an effort to get back into the zone.

At a distance of 112 feet from the portal, the breccia zone disappeared completely and we did not enter the zone again until we reached 149 feet. Appafently the breccia zone has made a slight roll in this area, which we were unable to detect until we had left the mineralized section of the zone.

From 149 feet to 200 feet, we drifted within the breccia zone, which showed some evidence of mineralization.

Possible Ore Reserves:

An average tenor of the mineralization, exposed between 31 and 83 feet from the portal, respectively, as indicated by averaging the assay values derived from the samples taken in this area, is as follows:

Lead	6.27 %
Zinc	13.15 %
Silver	3.09 oz.

This ore has a gross value of $21.54, as computed on basis of payment by International Smelting Co. at Tooele, Utah.

Base costs against this ore would be:

Mining	$10.00 per ton
Freight	7.00 per ton
Smelting	17.00 per ton

As is evident, it would be difficult to realize a profit from the ore exposed, unless a method of up-grading could be used that would at least double the value of the ore as exposed at present.

As for possible ore reserves, one face of the ore is exposed for a distance of approximately fifty feet, and it has an average thickness of five feet.

Cost of Development:

During the period, from start to completion of our DMEA Contract Project, the Operator, one miner and one mucker devoted full time to the operation of said project.

We completed 200 feet of drift, as per contract, and also 15 feet of timbering. Twenty four samples were taken during the development. The operators approximate cost of the aforementioned units, is as follows:
Drifting.... $28.00 per foot---Timbering.....$4.50 per ft.
Sampling.... $ 3.00 per sample assay.

Very truly your,
Clinton C. Jenkins
President

EXPLANATION

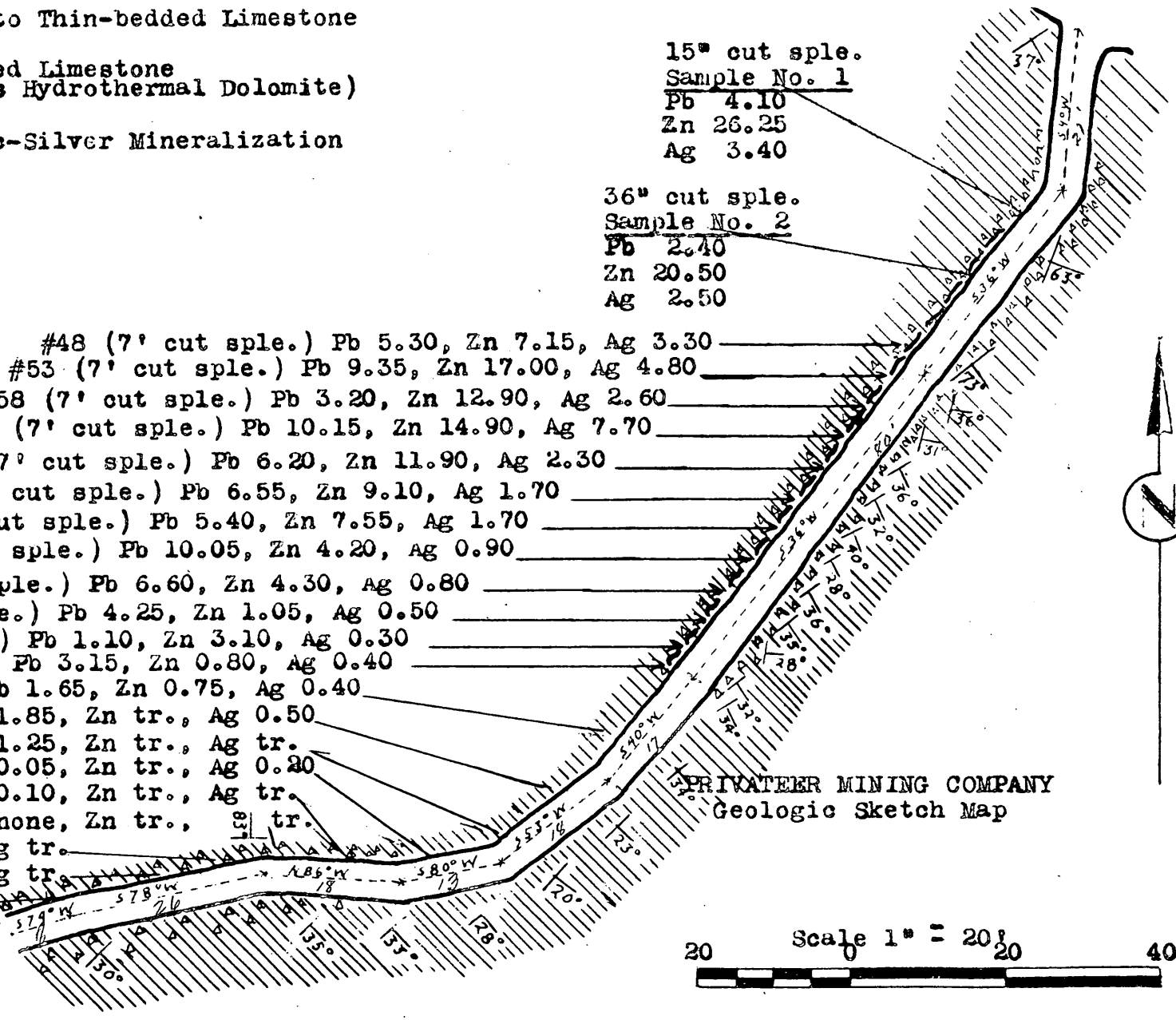
D M E A Progress Map

Adit 410

Massive to Thin-bedded Limestone

Brecciated Limestone (includes Hydrothermal Dolomite)

Lead-Zinc-Silver Mineralization



OFFICIAL FILE COPY
D M E A
RECEIVED OCT 10 1957

DATE	INITIALS	CODE

224 New Customhouse
Denver 2, Colorado
October 1, 1957

10/4 C 220
10/4 800
10/14 500

Mr. Clinton C. Jenkins, President
Privateer Mining Company
308 East 1st South
Provo, Utah

Re: Docket DMEA-4242 (Lead-Zinc)
Contract Idm-E1009
Privateer Mining Company
(Privateer et al mining claims)
Juab County, Utah

Dear Mr. Jenkins:

Form MF-104, Operator's Monthly Report and Voucher, for August and September, 1957, has been received in this office and is being processed for payment.

The contract work has been completed, therefore an amount of $500.00 is withheld from reimbursement to Privateer Mining Company, pending resolution of matters prerequisite to closing the account, which includes:

1. Rendering by Privateer Mining Company to the Government, a final report in conformance with Article 5(c) of the Contract form.

2. Release to this office of an Audit Report or Report of Review of the reported project costs, by the Contract Administration and Audit Division, DMEA.

Yours very truly,

Original signed by
J. W. TOWNSEND

J. W. Townsend
Alternate Acting Executive Officer
DMEA Field Team, Region III

JDC:hmh
cc: Chmn. Op. Comm. (2)
Harshman (2)
DMEA, SLC
Townsend
Corres.file,Reg.III
Chron

OFFICIAL FILE COPY
DMEA
RECEIVED AUG 23 1957

DATE	INITIALS	CODE
8/23	@	220
8/23	[illegible]	800
8/26	[illegible]	500

224 New Customhouse
Denver 2, Colorado

August 20, 1957

Mr. Clinton C. Jenkins, President
Privateer Mining Company
308 East First South Street
Provo, Utah

Re: Docket DMEA-4442 (Lead-Zinc)
Contract Idm-E1009
Privateer Mining Company
(Privateer et al claims)
Juab County, Utah

Dear Mr. Jenkins:

Reference is made to our letter of November 5, 1956, whereby we advised you of the deductions which were made in processing Form MF-104, Operator's Monthly Report and Voucher, for October 1956, because work under the contract was in recess and part of the October progress could not be inspected by DMEA personnel.

As work under the contract has been resumed and the balance of the October work has now been inspected by DMEA personnel, reinstatement of the amounts suspended and withheld has been recommended by this office, and you should receive a check within the next week or 10 days.

Yours very truly,

Original signed by
J. W. TOWNSEND

J. W. Townsend
Alternate Acting Executive Officer
DMEA Field Team, Region III

JDC:hmh
cc: Chmn. Op. Comm. (2)
Harshman (2)
DMEA, SLC
Townsend
Corres. file, Reg. III
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

224 New Customhouse
Denver 2, Colorado

OFFICIAL FILE COPY
DMEA
RECEIVED AUG 2 1957

DATE	INITIALS	CODE
8/5	P.K.	220
		130
		~~200~~
8/6	Alt	500
	Kley	

August 1, 1957

Memorandum

To: Chairman, Operating Committee, DMEA

From: Acting Executive Officer, DMEA Field Team, Region III

Subject: Docket No. DMEA 4242 (~~Uranium~~ Base-price), Contract No. Idm-E1009, Privateer Mining Company (Privateer et al. mining claims), Juab County, Utah

Approved: J.W.A.

Enclosed are the Government's and Audit copies of Amendment No. 2 to Contract No. Idm-E1009, which has been executed to extend the date fixed for end of suspension of operations from June 15, 1957 to July 15, 1957, and increase the period fixed within which the work shall be completed from eleven months to twelve months.

Also enclosed are three copies of the Operator's letter of July 20, 1957 in support of the Amendment.

Copies of the Amendment have been distributed to the Operator, the Finance Office, Region III, and to others concerned.

E. N. Harshman

E. N. Harshman

Amendment

DMEA
DEPARTMENT OF THE INTERIOR

July 20, 1957

JUL 24 1957
REGION III
DENVER, COLORADO

Privateer Mining Company
Clinton C. Jenkins, Pres.
308 East 1st South St.
Provo, Utah

W. H. King
Executive Officer, DMEA
Field Team, Region III
224 New Customhouse
Denver 2, Colorado

Re: Docket No. DMEA 4242 (Lead-Zinc)
Contract No. Idm-E1009
Privateer et al. Mining Claims
Juab County, Utah

Dear Mr. King:

Your letter of July 16, 1957, requested that I clarify my letter of July 12th, therefore:

In the third paragraph of my letter, I requested that our contract be ammended to extend the date for the end of suspension of operations to September 15, 1957.

My intent was to request that our contract be ammended to extend the deadline for completion of our contract, from August 15, 1957, as heretofore agreed, to September 15, 1957.

Please accept my apologies for not being more accurate in my letter of July 12th.

Very truly yours,

Clinton C. Jenkins

Clinton C. Jenkins, Pres.
Privateer Mining Company

OFFICIAL FILE COPY
DMEA
RECEIVED JUL 26 1957

DATE	INITIALS	CODE
7/26	C	220
7/26	[illegible]	800
7/24	ab	500

224 New Customhouse
Denver 2, Colorado

July 24, 1957

Mr. Clinton C. Jenkins, President
Privateer Mining Company
308 East First South Street
Provo, Utah

Re: Docket No. DMEA 4242 (Lead-Zinc)
Contract No. I4m-E1009
Privateer Mining Company
(Privateer et al. mining claims)
Juab County, Utah

Dear Mr. Jenkins:

Enclosed are the Government's, Field Team, Audit, Operator's, and Finance Office copies of proposed Amendment No. 2 to Contract No. I4m-E1009, which we have prepared in reference to your letters of July 12 and July 20, 1957, to extend the date fixed for end of suspension of operations from June 15 to July 15, 1957 and extend the period fixed within which work shall be completed from eleven to twelve months from the date of the contract.

If the Amendment is satisfactory, all copies are to be signed by you as indicated, the corporate seal affixed, and all copies promptly returned to this office.

Upon return of the properly signed copies of the Amendment and after signature by the Executive Officer, DMEA Field Team, Region III, for the Government, the "Operator's Copy" will be returned to you.

Very truly yours,

Original signed by
W. H. KING

W. H. King
Executive Officer, DMEA
Field Team, Region III

JWT:prl

cc: Chmn. Op. Comm. (2)
Harshman
DMEA/SLC(Howes)
Townsend
Corres. file
Chron.

OFFICIAL FILE COPY
DMEA
RECEIVED JUL 18 1957

DATE	INITIALS	CODE
7/18	C	220
7/18	[illegible]	800
7/19	[illegible]	500

224 New Customhouse
Denver 2, Colorado

July 16, 1957

Mr. Clinton C. Jenkins, President
Privateer Mining Company
308 East First South Street
Provo, Utah

Re: Docket No. DMEA 4242 (Lead-Zinc)
Contract No. Idm-E1009
Privateer Mining Company
(Privateer et al. Mining claims)
Juab County, Utah

Dear Mr. Jenkins:

In the second paragraph of your letter of July 12, 1957, you advised to the effect that you will resume operations under the DMEA Contract on July 15, 1957. However, in the third paragraph, you request to have the Contract amended to extend the date for the end of suspension of operations to September 15, 1957.

If you are resuming work under the Contract on July 15, we do not understand why it would be necessary to amend the Contract to extend the suspension of operations to September 15, 1957.

Please review your letter and clarify the matter by return mail.

Very truly yours,

Original signed by
W. H. KING

W. H. King
Executive Officer, DMEA
Field Team, Region III

JWT:prl

cc: Chem.Op.Comm.-2) w/copy of
Marshman) Operator's
DMEA/SLC(Howes)) letter of
Townsend) July 12.
Corres. file)
Chron.

DMEA
DEPARTMENT OF THE INTERIOR
JUL 16 1957
REGION III
DENVER, COLORADO

WHK
HMC

July 12, 1957

Privateer Mining Company
Clinton C. Jenkins, Pres.
308 East 1st South St.
Provo, Utah

W. H. King
Executive Officer, DMEA
Field Team, Region III
224 New Customhouse
Denver 2, Colorado

Re: Docket No. DMEA 4242 (Lead-Zinc)
Contract No. Idm-E1009
Privateer Mining Company
(Privateer et al. Mining claims)
Juab County, Utah

Dear Mr. King:

I received your letter of June 12, 1957, requesting that we advise you of the date, on or before which operations would be resumed at the Privateer Mine.

We will begin operations at the mine, on our DMEA Contract development, on July 15, 1957.

If possible, we would appreciate having our contract with you ammended to extend the date for the end of suspension of operations to September 15, 1957.

Very truly yours,

Clinton C. Jenkins

Clinton C. Jenkins, Pres.
Privateer Mining Company

Copy to: S. R. Wilson - Bureau of Mines
M. H. Howes - " " "

224 New Customhouse
Denver 2, Colorado

June 12, 1957

FILE COPY
DMEA
RECEIVED JUN 14 1957

DATE		CODE
6/14	C	220
6/17		800
6/17	aw	500

Mr. Clinton C. Jenkins, President
Privateer Mining Company
308 East 1st South Street
Provo, Utah

Re: Docket No. DMEA-4242 (Lead-Zinc)
Contract No. Idm-E1009
Privateer Mining Company
(Privateer et al. Mining claims)
Juab County, Utah

Dear Mr. Jenkins:

Reference is made to your letter of June 10, 1957, wherein you advise that you will be unable to resume operations not later than June 15, 1957, as provided for by Amendment No. 1.

It will be necessary that the contract be amended to further extend the date fixed for the end of suspension of operations; therefore, please advise the date on or before which operations will be resumed as soon as that date is known to you.

Very truly yours,

W. H. KING

W. H. King
Executive Officer, DMEA
Field Team, Region III

JWT:bh
cc-Chairman, Op. Comm. (2)) with
Harshman (2)) copy of
DMEA/SLC) Operator's
Townsend) letter of
Corres. File E-1009) 6/10/57
Chron.

DMEA
DEPARTMENT OF THE INTERIOR

JUN 12 1957
REGION III
DENVER, COLORADO

a)1K
HMC
X T

Privateer Mining Company
Clinton C. Jenkins, Pres.
308 East 1st South Street
Provo, Utah

June 10, 1957

OFFICIAL FILE COPY
DMEA
RECEIVED JUN 14 1957

DATE	INITIALS	CODE

W. M. Traver
Executive Officer, DMEA
Field Team, Region III
224 New Customhouse
Denver 2, Colorado

Re: Docket No. DMEA 4242 (Lead-Zinc)
Contract No. Idm-E1009
Privateer Mining Company
(Privateer et al. Mining claims)
Juab County, Utah

Dear Mr. Traver:

Reference is made to our letter to you of October 26, 1956, wherein we advised you that operations on our DMEA project would be resumed on or before June 15, 1957.

We transported a bull-dozer to the mine area on June 3rd, this spring, and attempted to open the access road to the mine.

On June 6th, we had cleared the road to within three miles of the mine, but due to deep snow and excessive drainage, we were forced to abandon clearing of the road until a later date.

At this time, we contemplate that we will be able to resume operations on our DMEA project about July 1st, however, we will advise you later, as to the exact date we resume operations.

Very truly yours,

Clinton C. Jenkins

Clinton C. Jenkins, President
Privateer Mining Company

Copy to: S. R. Wilson - Bureau of Mines
M. H. Howes - " " "

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

RECEIVED DEC 1956 D.M.E.A.

224 New Customhouse
Denver 2, Colorado

November 23, 1956

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket No. DMEA 4242 (Lead-Zinc), Contract No. Idm-E1009, Privateer Mining Company (Privateer et al. mining claims), Juab County, Utah

Enclosed are the original and two copies of Amendment No. 1 to Contract No. Idm-E1009, which authorizes a suspension of operations from October 21, 1956 to not later than June 15, 1957, extends the completion period from five months to eleven months, and increases the maximum period for royalty payments from ten years to eleven years.

Also enclosed are four sets of data relative to the amendment, which was prepared pursuant to Washington Office concurrence by teletype of 11/14/1956.

Copies of the amendment have been distributed to the Operator, the Finance Office, Region III, and to others concerned.

W. M. Traver

W. M. Traver

Enclosures

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

224 New Customhouse
Denver 2, Colorado

November 15, 1956

Mr. Clinton C. Jenkins, President
Privateer Mining Company
308 East 1st South Street
Provo, Utah

Re: Docket No. DMEA-4242 (Lead-Zinc)
Contract No. Idm-E1009
Privateer Mining Company
(Privateer, et al Mining Claims)
Juab County, Utah

Dear Mr. Jenkins:

Enclosed are the original and five copies of proposed Amendment No. 1 to Contract Idm-E1009, which we have prepared pursuant to your request of October 26, 1956 to authorize the suspension of operations from October 21, 1956, ending not later than June 15, 1957, and to increase the period fixed in Article 1 within which the work is to be completed from five months to eleven months. In addition, the amendment increases the maximum period for royalty payments from ten years to eleven years.

All copies of the amendment are to be signed by you as indicated, the corporate seal affixed, and all copies returned to this office. After signature by the Executive Officer, DMEA Field Team, Region III, for the Government, an executed copy will be returned to you.

Very truly yours,

Original signed by
W. M. TRAVER

W. M. Traver
Executive Officer, DMEA
Field Team, Region III

Encls.
JWT:bh
cc-Chair. Op. Comm. (2)
Harsh man (2)
Wilson
Townsend
Corres. File E-1009
Chron.

RECEIVED
NOV 19 1956

File Copy
Surname

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

14 1956

JWAlt/er Rm. 4444, Ext. 3669

DMEA - Base Metals Division

14X4401(01) Revolving Fund, Defense Production Act, Interior (allocated Working Fund to Office of Secy.)

TELETYPE
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

Date:

To: Mr. W. M. Traver, Executive Officer, DMEA Field Team, Region III, Denver, Colorado

Rewrtt November 5, 1956, Docket DMEA-4242, Contract Idm-E1009, Privateer Mining Co., we concur with your recommendation outlined in your teletype. Please use August 14, 1957 for completion date. Royalty payment period should be extended to eleven years.

George C. Selfridge

Chairman, Operating Committee (SAB)

JWAlt/er 11/13/56

Copy to: Docket
Admr R File
Op. Committee
Base Metals
Mr. Bishop, USBM
Mr. Kiilsgaard, USGS
Confirmation Copy
Chron.

Chairman Operating Comm.
D.M.E.A.

RECEIVED
NOV 14 1956
D.M.E.A.

DN 235 BUR MINES 11-13-56 8-43

CHAIRMAN, OPERATING COMMITTEE, DMEA

RE DOCKET DMEA 4242, CONTRACT IDM-E1009, PRIVATEER MINING CO., OUR TELETYPE OF 11-5-56.

WILL APPRECIATE ADVICE BY TELETYPE AS TO HOW WE SHOULD PROCEED.

W M TRAVER

RECEIVED
NOV 13 1956
D.M.E.A.

Denver, Colo.

Mr. George Selfridge

RECEIVED
NOV 5 1956
D.M.E.A.

DN 235 BUR MINES 11-5-56 10-35

CHAIRMAN, OPERATING COMMITTEE, DMEA

RE DOCKET DMEA 4242, CONTRACT IDM-E1009, PRIVATEER MINING CO.
BECAUSE OF ADVERSE WEATHER CONDITIONS, OPERATOR REQUESTS APPROVAL FOR SUSPENSION OF OPERATIONS FROM OCTOBER 20,1956, TO ON OR BEFORE JUNE 15,1957, WITH WORK TO BE COMPLETED ON OR BEFORE AUGUTXX AUGUST 15,1957. PLEASE TELETYPE CONCURRENCE FOR PREPARATION OF AMENDMENT TO AUTHORIZE SUSPENSION AND EXTENSION OF CONTRACT INVOLVED.

W M TRAVER

Denver Colo.

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

224 New Customhouse
Denver 2, Colorado

November 5, 1956

Mr. Clinton C. Jenkins, President
Privateer Mining Company
308 East First South
Provo, Utah

Re: Docket DMEA 4242 (Lead-Zinc)
Contract Idm-E1009
Privateer Mining Company
Privateer et al claims
Juab County, Utah

Dear Mr. Jenkins:

Form MF-104, Operator's Monthly Report and Voucher for October, 1956, has been received in this office and is being processed for payment. The following deductions have been made

1) The cost of 17 feet of adit and 15 feet of timbering has been suspended. The field engineer was unable to inspect this portion of the reported work due to heavy snowfall which caused suspension of operations.

2) An amount of $200.00 is withheld from reimbursement to you, pending resumption of work under the contract.

If you have any questions regarding the above deductions, please feel free to contact this office.

Very truly yours,

Original signed by
W. M. TRAVER

W. M. Traver
Executive Officer, DMEA
Field Team, Region III

JDC:jy
cc: Corresp. E1009
Chm. Op. Comm. (2)
Wilson
Harshman
Townsend
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

1600 EAST FIRST SOUTH STREET
SALT LAKE CITY 12, UTAH

November 1, 1956

RECEIVED 9 1956

Memorandum

To: V. M. Traver, Executive Officer, DMEA Field Team, Region III

From: S. R. Wilson

Subject: Docket No. DMEA-4242 (Lead-zinc), Contract Idm-51009, Privateer Mining Co., Juab County, Utah

Enclosed are the original and eight copies of a letter received from Clinton C. Jenkins, President, Privateer Mining Co. Because of winter weather conditions, Mr. Jenkins requests permission to recess the project work until June 15, 1957. Also attached are copies of a memorandum prepared by M. H. Howes recommending that the recess period be granted.

I am in accord with the recommendation that the operator be allowed to recess the project work until June 15, 1957.

S. R. Wilson
S. R. Wilson

Enclosures
cc: J. Bruce Clamer

COPY

Privateer Mining Company
Clinton C. Jenkins, Pres.
308 East 1st South Street
Provo, Utah
October 26, 1956

RECEIVED OCT 29 1956

W. M. Traver
Executive Officer, DMEA
Field Team, Region III
224 New Customhouse
Denver 2, Colorado

Re: Docket No. DMEA 4242 (Lead-Zinc)
Contract No. Idm-E1009
Privateer Mining Company
(Privateer et al. mining claims)
Juab County, Utah

Dear Mr. Traver:

Reference is made to your letter of October 4, 1956, wherein you advised us, that if it became necessary to suspend operations over the Winter months, that we supply you with the following information:

1. Development work was suspended at the mine on October 20th, 1956, due to inclement weather.

2. Operations will be resumed on or before June 15th, 1957.

3. The work, as outlined in our contract, will be completed on or before August 15, 1957.

At this time, we would like to request the Governments approval for the suspension of operations, as hereinabove described.

Very truly yours,

/S/ Clinton C. Jenkins

Clinton C. Jenkins, Pres.
Privateer Mining Company

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
1600 EAST FIRST SOUTH STREET
SALT LAKE CITY 12, UTAH

October 31, 1956

Memorandum

To: S. R. Wilson

From: M. H. Howes

Subject: Docket No. DMEA-4242 (Lead-zinc), Contract Ids-E1009, Privateer Mining Co., Juab County, Utah. Memorandum report recommending recess of project work for duration of winter.

A letter, dated October 26, 1956, from the operator to the Executive Officer, requests Government approval for suspension of operations from October 20, 1956, to June 15, 1957, because of severe winter conditions during that period.

The mine is situated at an altitude of approximately 10,000 feet, and is reached by steep, dugway roads. On account of low temperatures and high winds, it is extremely difficult and costly for continued snow removal from the roads. Because of the hazardous winter conditions likely to prevail, it is recommended that suspension of operations between October 20, 1956, and June 15, 1957, be approved.

M. H. Howes

M. H. Howes

cc: J. Bruce Clemmer

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

RECEIVED
OCT 25 1956

224 New Customhouse
Denver 2, Colorado

October 23, 1956

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket No. DMEA 4242 (Lead-Zinc), Contract No. Idm-E1009, Privateer Mining Company (Privateer et al. Mining claims), Juab County, Utah

Enclosed are four copies of confirmation issued by this office for the Government's approval of a site and direction in which the proposed adit under Contract No. Idm-E1009 is to be driven.

Also enclosed are four sets of data pertaining to the location and direction of the adit.

W. M. Traver

W. M. Traver

Enclosures

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

RECEIVED
OCT 25 1956

224 New Customhouse
Denver 2, Colorado

October 23, 1956

Mr. Clinton C. Jenkins, President
Privateer Mining Company
308 East 1st South
Provo, Utah

Re: Docket No. DMEA 4242 (Lead-Zinc)
Contract No. Idm-E1009
Privateer Mining Company
(Privateer et al. Mining claims)
Juab County, Utah

Dear Mr. Jenkins:

Consistent with provisions in the contract pertaining to approval by the Government of the site and direction for the driving of the adit described in Exhibit "A" of Contract No. Idm-E1009, this confirms the Government's approval for the actual location of the adit as shown on the map, "Figure 3a No. 1500-1177-6, dated Oct. 15, 1956," a copy of which is attached hereto and made a part of this confirmation of the Government's approval for the location and direction of the work to be performed under the contract.

The adit is to be driven south for a distance of approximately 21 feet, then driven in a direction of approximately S. 40° W. the balance of the distance authorized to explore the mineralized zone.

Nothing in this confirmation of work approval shall be construed to increase the estimated total cost of the project, the aggregate amount which the Government may be required to contribute, nor the fixed unit cost of any item of work.

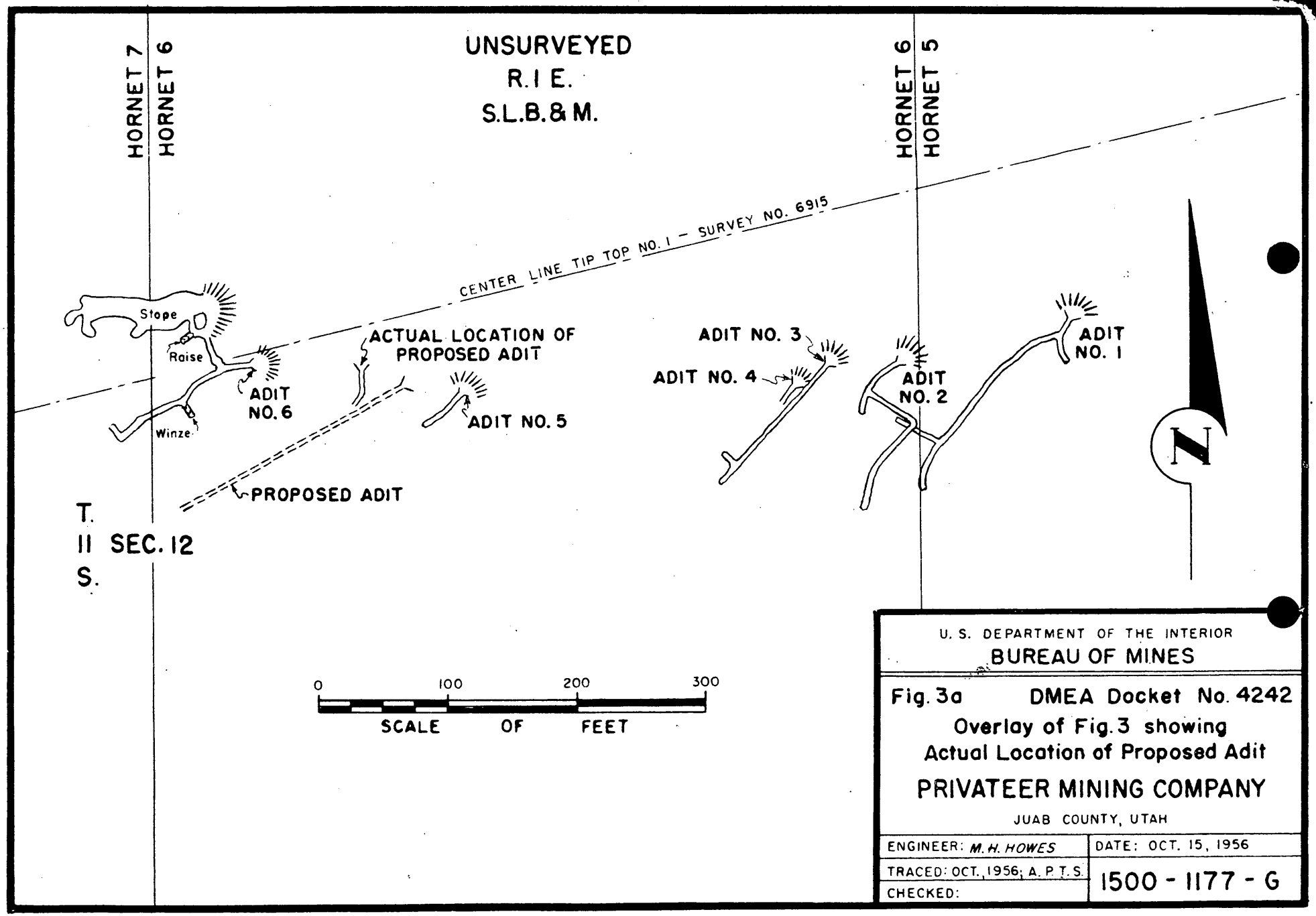
Very truly yours,

JWT:prl

DMEA Field Team, Region III

By W. M. Traver
W. M. Traver
Executive Officer

cc: Chairman, Op. Comm. (4)
Finance Office, Reg. III
Amendment file, Reg. III
Harahman (2)
Wilson
Townsend
Corres. file
Chron.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CENTER LINE TIP TOP NO. 1 – SURVEY NO. 6915
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ADIT NO. 6
ACTUAL LOCATION OF PROPOSED ADIT
ADIT NO. 5
PROPOSED ADIT
ADIT NO. 3
ADIT NO. 4
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ADIT NO. 1
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SCALE OF FEET
U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
Fig. 3a DMEA Docket No. 4242
Overlay of Fig. 3 showing
Actual Location of Proposed Adit
PRIVATEER MINING COMPANY
JUAB COUNTY, UTAH
ENGINEER: M. H. HOWES
DATE: OCT. 15, 1956
TRACED: OCT., 1956; A. P. T. S.
CHECKED:
1500 - 1177 - G

RECEIVED
OCT 25 1956

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
1600 EAST FIRST SOUTH STREET
SALT LAKE CITY 12, UTAH

October 15, 1956

RECEIVED
OCT 25 1956

Memorandum

To: W. M. Trewer, Executive Officer, DMEA Field Team, Region III

From: Stephen R. Wilson

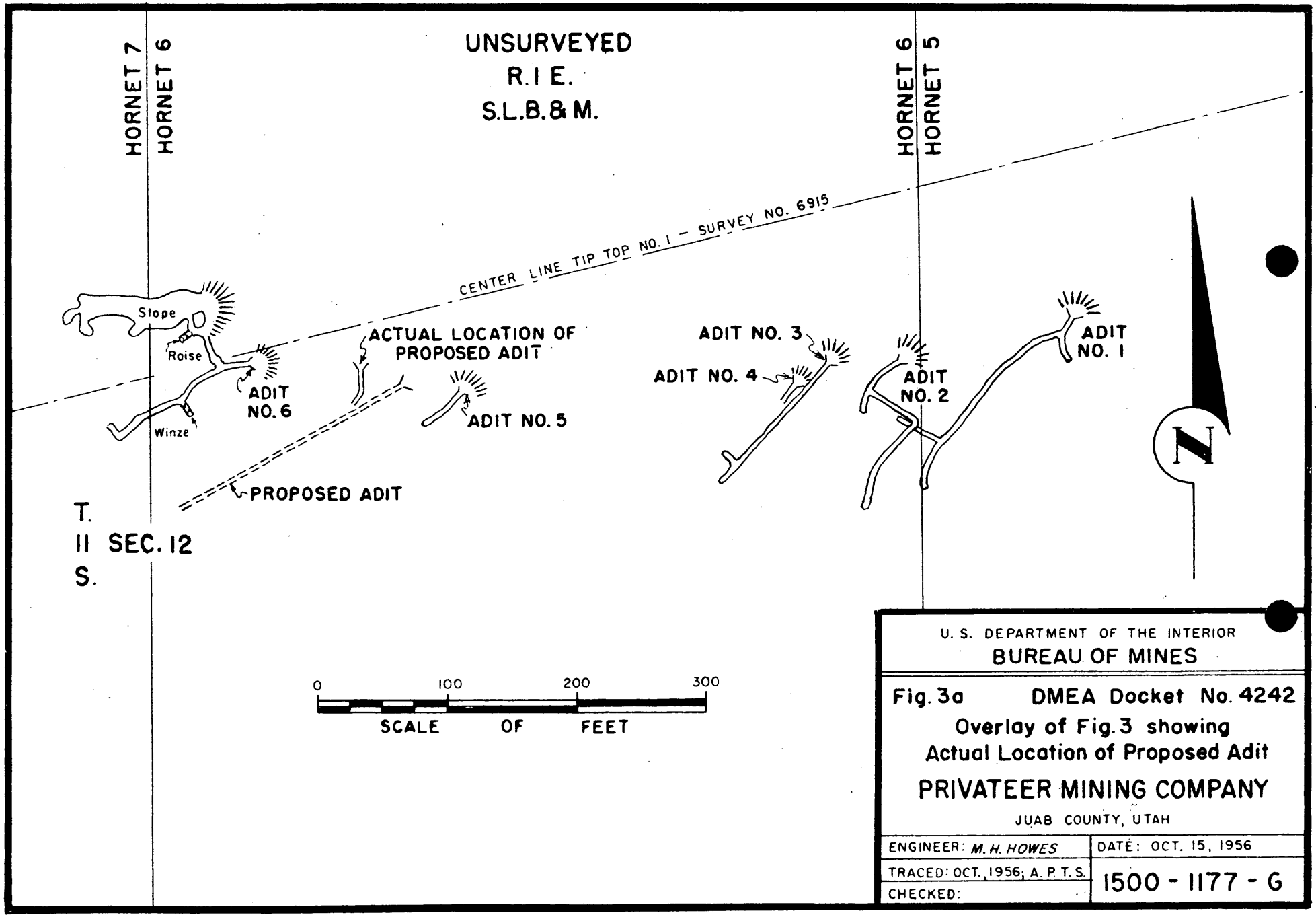
Subject: Docket No. DMEA-4242 (Lead-zinc), Contract Ida-K1009, Privateer Mining Co. (Privateer mine), Juab County, Utah

The subject operator commenced contract work October 1, 1956, from a point established by the inspecting engineer. The approximate position of the portal of the allowable adit is shown on figure 3, a plan map attached to the contract. However, because of advantages resulting from topography, lack of slide rock and dump material, the portal of the adit was changed to a point as illustrated on the enclosed sketch. This portal lies N. 75° W., a distance of 80 feet from the portal of adit No. 5. The contract adit will be driven due south for a distance of 21 feet, then in a direction S. 40° W. to explore the mineralized zone.

Position of the portal of the adit and direction of advance are approved by this office.

Stephen R Wilson
Stephen R. Wilson

cc: J. Bruce Clemmer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ADIT NO. 6
ACTUAL LOCATION OF PROPOSED ADIT
ADIT NO. 5
PROPOSED ADIT
ADIT NO. 3
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SCALE OF FEET
U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
Fig. 3a DMEA Docket No. 4242
Overlay of Fig. 3 showing
Actual Location of Proposed Adit
PRIVATEER MINING COMPANY
JUAB COUNTY, UTAH
ENGINEER: M. H. HOWES
DATE: OCT. 15, 1956
TRACED: OCT., 1956; A. P. T. S.
CHECKED:
1500 - 1177 - G

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

RECEIVED
OCT - 8 1956

224 New Customhouse
Denver 2, Colorado

October 4, 1956

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket No. DMEA 4242 (Lead-Zinc), Contract No. Idm-E1009, Privateer Mining Company (Privateer et al. mining claims), Juab County, Utah.

Enclosed are the Government's, Division, and Docket copies of Exploration Project Contract No. Idm-E1009, which were forwarded by your letter of September 14, 1956, for signature by the Applicant.

Also enclosed are three copies of a letter from this office dated October 4, 1956, whereby we forwarded the Operator's Copy of the contract, forms, and instructions relative to reporting on the work completed under the contract.

Copies of the contract have been distributed to the Finance Office, Region III, and to other parties concerned.

W. M. Traver

W. M. Traver

Enclosures

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

RECEIVED
OCT - 3 1956
Orch.

224 New Customhouse
Denver 2, Colorado

March 4, 1956

Mr. Clinton C. Jenkins, President
Privateer Mining Company
308 East 1st South
Provo, Utah

Re: Docket No. DMEA 4242 (Lead-Zinc)
Contract No. Idm-E1009
Privateer Mining Company
(Privateer et al. mining claims)
Juab County, Utah

Dear Mr. Jenkins:

Enclosed herewith is the "Operator's Copy" of Exploration Project Contract No.Idm-E1009, Docket No. DMEA 4242.

Also enclosed are six copies of form MF-104, "Operator's Monthly Report and Voucher," and six copies of form MF-104A, "Operator's Unit Cost and progress Report." At the end of the first calendar month after work is commenced, and monthly thereafter, you are required to submit the original and four copies of each form to Mr. Stephen R. Wilson, U. S. Bureau of Mines, 1600 East First South Street, Salt Lake City 1, Utah. The extra copy is for your records.

Forms MF-104 and MF-104A are to be combined into five sets of one of each form; each set of the combined forms is to be accompanied by a map or sketch showing the location and extent of work performed, and a signed narrative report which describes the work performed, conditions encountered, and results of the work. The monthly accounting report will not be processed for reimbursement to you unless it is accompanied by a signed narrative report and other required or pertinent data. Additional copies of forms MF-104 and MF-104A will be forwarded to you each month on receipt of your report for the prior month.

The contract is prepared on form MF-200A, and under its provisions and as outlined in Exhibit "A", the work is to be performed at "Fixed Unit Costs," which will be the basis of reimbursement to you as units of work are completed and reported on forms MF-104 and MF-104A.

Your requests to this office for work approval, changes in the contract, or any other communication pertaining to operations under the contract, must be in writing, of which please supply the original and five copies, each copy complete with maps or other pertinent data. Each request for action by this office must pertain to one matter only, and such requests are not to be incorporated in your narrative report accompanying monthly progress report forms RF-104 and RF-104A.

No oral statement of any person shall be construed to modify or change the terms of the contract. Field representatives of the Government are not authorized to approve any changes in the work program or contract provisions. Such approval can only be given by the Washington Office, RMEA, or by the RMEA Field Team, Region III.

It is a regulation that reimbursement for the cost of work accomplished prior to the date of the contract will not be allowed. It is a requirement and imperative that you notify this office in writing the date work actually commences under the contract, with a copy of your letter to Mr. Wilson.

Very truly yours,

W. M. Traver

W. M. Traver
Executive Officer, RMEA
Field Team, Region III

Enclosures

JWT:prl

cc: Chairman, Op. Comm. (3)
Finance Office, Reg. III
Amendment File, Reg. III
Marshman (2)
Wilson
Townsend
Corres. file
Chron.

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

RECEIVED
SEP 24 1956

224 New Customhouse
Denver 2, Colorado

CERTIFIED MAIL

September 20, 1956

Memorandum

To: S. R. Wilson

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA 4242 (Lead - Zinc), Privateer Mining Company (Privateer mine), Juab County, Utah - Proposed Exploration Project Contract Idm-E1009

There are enclosed the Government's, Division, Docket, Finance Office, and Field Team copies of the proposed subject contract for your review and approval, along with copies of a letter, with the date omitted, transmitting the contract copies to the Applicant for signature.

Also enclosed is a copy of the letter from the Chairman of the Operating Committee, dated September 14, 1956, transmitting the contracts to the Executive Officer.

After approving the contract, if you do so, insert the date on our transmittal letter, remove your copy, and mail the contracts to the Applicant, returning the remaining carbon copies to us for distribution and filing. You should send the contracts by certified mail.

W. M. TRAVER

W. M. Traver

WMT:prl

cc: Sec. to Op. Comm. (2)
Harshman (2)
Townsend
Corres. E1009
Chron.

File Copy
Surname

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

500

SEP 14 1956

Mr. W. M. Traver
Executive Officer
DMEA Field Team, Region III
224 New Customhouse Bldg.
Denver 2, Colorado

Re: Docket No. DMEA-4242 (Lead-Zinc)
Privateer Mining Company
Privateer Mine
Juab County, Utah

Dear Mr. Traver:

We are enclosing the original and five copies of a contract for the cited property, signed by the Administrator, together with Annex I (2 pages), Exhibit A (1 page), and two maps. We are also enclosing two extra copies of Annex I, Exhibit A, and two maps for the use of the Field Team.

It will be necessary to insert in the contract, in the space provided under Article 1(a), the date when the Operator shall begin work on the contract.

If the contract meets with your approval, kindly present it to the Applicant for approval and signature and, when completed, distribute the copies in the usual manner. In the event that the contract is not satisfactory, and cannot be amended within your delegated authority, return all copies with your recommendation concerning any modification.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Enclosures

APPROVED:

Frank D. Lamb
Member, Bureau of Mines

Thor H. Kiilsgaard
Member, Geological Survey

JWAlt/er 9/13/56
Copy to: Docket
Admr R File
Op. Committee
Base Metals
Mr. Bishop, USBM
Mr. Kiilsgaard, USGS
Chron.

P. S. The Docket file does not indicate whether the Tip Top No. 1 claim is now [redacted] valid. Since the contract work will be performed on the area [redacted] im, its inclusion in Annex I is necessary to protect the Govern- [redacted] ests. If the claim in fact no longer exists by virtue of the [redacted] the reference in Annex I to Tip Top No. 1 would be simply [redacted]

File Copy
Surname
J. W. A.

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

August 30, 1956

Memorandum

To: Associate Solicitor, Division of Mineral Resources

From: Chief, Base Metals Division

Subject: Preparation of Contract for Docket No. DMEA-4242, Privateer Mining Company, Privateer Mine, Juab County, Utah, Lead-Zinc.

Will you please prepare a contract for the cited application. A draft of the contract, Exhibit "A", and Annex I are attached to this memorandum. Also attached are the necessary copies of two maps.

W. R. Griswold

W. R. Griswold

JWAlt/er

Copy to: Docket
Base Metals
Chron.

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

August 30, 1956

Re: DMEA 4242; Lead-Zinc;
$ 29,495
Privateer Mining Company
Privateer Mine
Juab County, Utah

Memorandum

To: W. R. Griswold, DMEA

From: O. M. Bishop, Branch of Base Metals

Subject: Report of Examination dated August 14 and received August 16, 1956.

The applicant requested assistance to explore for lead and zinc at the Privateer Mine, near Mt. Nebo, Utah where an access road has been built and small-scale mining operations are being carried on. The applicant proposes a 1,000-foot exploration drift along a breccia zone which appears to follow the bedding plane along the outcrop.

The field examiners concluded that the variable thickness of the breccia zone, and the lack of a definite trend of mineralization does not warrant a 1,000-foot drift at least until further exploratory work has been done. As an alternate proposal, the field team suggests an alternate program of 200 feet of drifting to explore beneath the outcrop and to intersect the extension of mineralization known in the 50-foot winze above. Such work is estimated to cost about $ 28 per foot or $ 5,603 and appears to have merit.

I concur with the recommendations of the field examiners and field team.

O. M. Bishop

O. M. Bishop

RECEIVED
AUG 30 1956

Copy to: Division of Minerals
Mr. Kiilsgaard
Mr. Geehan
Mr. Bishop
Files

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

ale

224 New Customhouse
Denver 2, Colorado

August 22, 1956

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA-4242 (Lead-Zinc), Privateer Mining Company, (Privateer mine), Juab County, Utah

Enclosed are nine prints each of Figures 2 and 3 from the engineering Report of Examination on the subject docket in accordance with our memorandum of August 14, 1956 transmitting the reports. These are for possible use in a contract if one is approved.

W. M. Traver

W. M. Traver

Enclosures

RECEIVED
AUG 24 1956

IN REPLY REFER TO:

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

ale

August 20, 1956

Re: DMEA 4242 (lead-zinc)
Privateer Mining Co.
Privateer Mine
Juab Co., Utah
Appl. Est. - $29,495.00
Rec'd. Est. - $ 5,603.32

Memorandum

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

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

Subject: Review of Field Team report.

The applicant requested assistance in driving a 1,000-foot drift adit on a lead-zinc bearing breccia zone in limestone. As shown by work already done the centers of mineralization are small and scattered, but the examiners and Field Team recommend the approval of 200 feet of work at an estimated cost of $5,603.32.

I concur with the recommendation.

N. E. Nelson

N. E. Nelson

RECEIVED
AUG 21 1956

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

ON SITE Report

August 14, 1956

224 New Customhouse
Denver 2, Colorado

RECEIVED
AUG 16 1956

Memorandum

To: Secretary to the Operating Committee, DMEA

From: Field Team, Region III

Subject: Report of Examination, Docket DMEA 4242 (Lead-Zinc) Privateer Mining Company (Privateer Mine), Juab County, Utah

Enclosed are the original and three copies of an engineering and geologic Report of Examination on the subject property.

The field examiners recommend a modified exploration project to consist of 200 feet of drifting. We concur with the recommendations of the examiners since we believe that the 1,000 feet of work requested by the Applicant is not justified at this time. The 200 feet of drifting should prove if there is persistence of mineralization with depth and indicate the probable significance of ore shoots in the Breccia zone.

Nine extra copies of Figures 2 and 3 will be forwarded you for possible use in the contract.

It is noted that the Tip Top No. 1 claim, Survey No. 6915, shown on Figure 2 of the Report of Examination has been covered by the Retriever and Hornet claims. On page 2 of the application the following is stated:

Note: "Tip Top No. 1 - survey No. 6915, as shown on the attached claim map, has been surveyed for patent, but not patented. It is not included in the list of claims held by the company, as the ground covered by this claim was re-located by the company to harmonize with adjacent claim lines.

An 'Abstract of Title', to the above-named patented and unpatented lode mining claims, was prepared by Juab County Abstract Company on February 8, 1956, and subsequently, a 'Title Opinion' was rendered by the company's attorney, to the effect that Privateer Mining Company is owner of the hereinabove described mining property."

Reviewed by
DMEA OPERATING COMMITTEE
8-20-56
(date)

Since all of the proposed work is within the confines of the Tip Top No. 1 claim - Survey No. 6915, the Legal Department may want clarification as to the original ownership of this claim.

DMEA Field Team, Region III

W. M. Traver

By W. M. Traver
Executive Officer

Enclosures

RECEIVED
AUG 16 1956

TRANSMITTED

AUG 14 1956

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
1600 EAST FIRST SOUTH STREET
SALT LAKE CITY 12, UTAH

RECEIVED AUG 16 1956

DMEA
Date Rec'd.
AUG 10 1956
BUREAU OF MINES
Denver, Colorado

August 8, 1956

Memorandum

To: W. M. Traver, Executive Officer, DMEA Field Team, Region III

From: Stephen R. Wilson

Subject: Docket No. DMEA 4242 (Lead-zinc), Privateer Mining Co. (Privateer mine), Juab County, Utah

Enclosed are the original and eight copies of an engineering report pertaining to examination of the Privateer lead-zinc mine, Juab County, Utah. W. E. Young examined the mine June 20, 1956, with R. W. Osterstock of the Geological Survey. Also enclosed is a copy of the brochure.

The applicant has requested a loan of $29,495 to complete a program consisting of 1,000 feet of drifting in the mineralized zone. Rocks in the area consist principally of limestone of Mississippian age. Lead-zinc mineralization occurs in a breccia zone which appears to follow the plane of the limestone bedding. The mineralization is sporadically distributed in the breccia zone. Work proposed by the applicant will serve to explore a large part of the breccia zone. The examining engineer, however, believes that the proposed exploratory project is too ambitious for the geologic information at hand. The examining engineer recommends an alternate project consisting of driving 200 feet of drifts in the mineralized zone. It is believed that this footage is sufficient to explore the outcropping mineralization and to intersect the downward extension of mineralization present in a shallow winze.

The examining engineer estimates that the alternate program will cost $5,603.32, or approximately $28 per foot of drifting. The engineer suggests that a short-term contract should be provided, inasmuch as the operator will undoubtedly be mining ore from existing workings. A short-term contract will remove the necessity of prorating mining and exploration costs. I am in accord with recommendations of the examining engineer that the applicant be granted a loan to complete 200 feet of drifting.

Stephen R. Wilson
Stephen R. Wilson

Enclosures

cc: J. F. Shaw
J. B. Clemmer

Reviewed by
DMEA OPERATING COMMITTEE
8-20-56
(date)

PRIVATEER MINING CO.
PRIVATEER MINE
JUAB COUNTY, UTAH
DMEA-4242
Lead-Zinc

TRANSMITTED
AUG 14 1956

CONFIDENTIAL
not for public quotation
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Engineering Report

By W. E. Young
Mining Engineer
Bureau of Mines

August 7, 1956

Reviewed by
DMEA OPERATING COMMITTEE
8-20-56
(date)

PRIVATEER MINING CO.
PRIVATEER MINE
JUAB COUNTY, UTAH

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ILLUSTRATIONS

Fig. 1 Location map, Privateer mine, Juab County, Utah
Fig. 2 Claim map
Fig. 3 Geologic plan showing proposed work

SUMMARY

The Privateer Mining Co. has applied for a loan, under docket No. DMEA-4242, to explore for lead-zinc ores on property near Mt. Nebo, Juab County, Utah. Access roads have been completed to the property and the owners are undertaking a mining operation on the exposed ore occurrences. Mineralization occurs in a brecciated zone in Mississippian limestone. A small stope of ore has been mined and several small prospect adits have been driven in the mineralized zone. The occurrences are sporadic and the work completed to date has not indicated a definite trend of the mineralization.

The applicant proposes to explore the area by driving a drift 1,000 feet along the brecciated zone. It is believed that present information concerning the habits of the mineralization is insufficient to justify this amount of work. It is recommended that 200 feet of drift be driven at the selected site to intersect the downward extension of an apparent trend of mineralization observed in old workings above.

The cost of the proposed alternate program is estimated at $5,603.32. This is equivalent to approximately $28 per foot.

The chances of developing small ore bodies of economic importance are considered good. It is recommended that a loan be granted for completing 200 feet of exploratory drift.

INTRODUCTION

Property of the Privateer Mining Co. was examined June 20, 1956, by a geologist of the Geological Survey and an engineer of the Bureau of Mines. Examination was made at the request of the Regional Field Team to determine the advisability of granting a Government-assistance loan. Clinton C. Jenkins, company president, accompanied the examining personnel during the period.

A small tonnage of lead-zinc ore has been shipped from the property. The Privateer Mining Co. recently acquired the property and plans to further explore the area for lead-zinc ore bodies. Access roads completed by the applicant make the property accessible for mining.

A loan of $29,495 is requested to complete a total of 1,000 feet of drifting.

LOCATION, TOPOGRAPHY AND PHYSICAL FEATURES

The Privateer mine is 11 miles east of Mona, Utah, in the Mt. Nebo district. The claim group lies in unsurveyed T. 11 S., R. 1 E., S.L.B. and M. (fig. 1). An extension of section lines indicates that most of the property lies in section 12. Approach can be made from either of three routes. The eastern route from Mona is only 11 miles long, but requires a four-wheel-drive vehicle. The route from Nephi, Utah, is over 10 miles of oiled road through Salt Creek Canyon to North Fork, thence 15 miles on graded road over Nebo scenic-loop road and 5 miles to the mine over a dirt road. The third route is from Payson, Utah, and is 31 miles to the mine.

The mine is in a rugged mountain region with steep ledges of limestone and quartzite. Elevations reach approximately 10,000 feet and the area is accessible only during summer months. Previous to acquisition by the present company, the property was accessible only by trail.

OWNERSHIP, HISTORY AND PRODUCTION

The property involved consists of 3 patented and 39 unpatented mining claims (fig. 2). They are listed as follows:

Patented

Name of Claim	Mineral Survey No.
Champion	5969
Champion No. 1	6080
Good Luck	4481

Unpatented

Recorded in office of County Recorder, Juab County, Utah.

Name of Claim	Book No.	Page No.
Privateer No. 1	166	444
" " 2	166	445
" " 3	166	446
" " 4	166	447
" " 5	166	448
" " 6	166	449
" " 7	166	450
" " 8	166	451
" " 9	166	452
" " 10	166	453
Sphinx Fraction	166	454
Alta No. 1	166	455
" " 2	166	456
" " 3	166	457
" " 4	166	458
" " 5	166	459
" " 6	166	460
" " 7	166	461
" " 8	166	462
Alta Fraction	166	463

Name of Claim	Book No.	Page No.
Downcast No. 1	166	464
" " 2	166	465
" " 3	166	466
Hornet No. 1	166	467
" " 2	166	468
" " 3	166	469
" " 4	166	470
" " 5	166	471
" " 6	166	472
" " 7	166	473
Hornet Fraction	166	474
Retriever No. 1	168	47
" " 2	168	48
" " 3	168	49
" " 4	168	50
" " 5	168	51
" " 6	168	52
" " 7	168	53
" " 8	168	54

The above property is owned by the Privateer Mining Co. The claims were acquired through purchase by the company August 22, 1955.

Development of the mine was started about 1898 shortly after discovery of the Eva ore body. Although ore of good grade could be easily mined on the surface, a major problem was encountered in transporting the ore to the nearest wagon road. No definite information is available concerning tonnage produced. A surface tramline was constructed to a point from which the ore was stoneboated to a wagon road. A small production was made in this manner. Additional work consisted of prospecting along the outcrop of mineralization at six other locations.

The Privateer Mining Co. recently constructed trucking roads to make the area accessible.

DESCRIPTION OF THE DEPOSITS

The rocks in the area of the property consist principally of northeast-trending limestones of Mississippian age. The beds are somewhat twisted and faulted, but generally maintain an average dip of approximately 35° to the southeast (fig. 3). A persistent breccia zone appears to follow the plane of the bedding along the outcrop across the property. This zone lies a few feet below a cherty limestone marker bed and about 100 feet below a quartzite member. The brecciated rock consists of fragments of broken limestone recemented with calcite and hydrothermal dolomite. Sporadic lead-zinc mineralization occurs within the breccia zone. Work completed to date has not disclosed a definite trend of mineralization. At the Eva mine in the same stratigraphic horizon, the trend of mineralization is in an easterly direction. It is indicated that the same easterly trend exists on the Privateer property, but more work will be needed for substantiation. Should this be the case, the existing stope can be mined for only a few additional feet. The rocks enclosing its easterly trend have been removed by erosion. Another occurrence that appears to be in an easterly trending zone of mineralization was encountered in a winze in the exploration adit just below the stope. Other mineralized occurrences encountered give the same impression. However, in each case, drifting was conducted at a level elevation with a general bearing of S. 40° W. In this manner the drift passed through the mineralized zone and was carried ahead in barren, brecciated rock.

In many cases the drift was turned outside the breccia zone and then abandoned.

The zone of brecciation is variable in thickness. In the stoped area it exceeds 7 feet. In other exposures it narrows to 2 feet. The grade of mineralization is satisfactory. Two samples taken on the edge of the stope assayed as follows:

Sample No.	Cut, feet	Ag, oz./ton	Percent Pb	Percent Zn
1	2	9.5	18.0	32.0
2	2	5.9	5.9	32.4

PROPOSED EXPLORATION

The applicant proposes to explore the property by drifting. A site for the adit portal has been selected at a point near one of the existing adits. A road has been constructed to a point 100 feet from the selected site. The steep hillside and outcropping limestone ledges limit road construction to this point. The applicant plans to construct an ore bin at the terminus of the road. The track from the adit is to be extended around the cliff to the ore bin. The applicant proposed a 1,000-foot drift along the zone of brecciation at this elevation. The occurrence of ore in the winze above and the outcropping mineralization at the site indicate the location to be satisfactory. However, it is believed that insufficient information concerning the occurrence of mineralization is known to justify such an ambitious program. A maximum of 200 feet of drifting is recommended at the present time. This footage should be ample to explore the outcropping mineralization and to intersect the downward extension of mineralization present in the winze above.

The rugged terrain in the area and difficulties encountered in road construction limit adit locations to selected sites. In the event that it becomes evident that the 200 feet of drifting cannot be advantageously utilized at the location selected, it is recommended that the remaining footage be used to explore at another location on the zone of brecciation to be mutually agreed upon by the operator and the Government.

PROJECT COSTS

Project costs were not discussed with the operator, but information was obtained which indicates mining operations will be conducted simultaneously with project work. Therefore, it will be necessary to make provisions for prorating costs unless a short-form contract is provided. The drift size is 5 by 7 feet. Estimated time for completion is 2 months for 200 feet of drift.

Independent contracts - None

Labor and supervision

Labor

1 miner, 50 days at $18 per day	$ 900.00	
2 muckers, 50 days at $14 per day	1,400.00	
Total labor		$2,300.00

Supervision

1 supervisor, 2 months at $400 per month	$ 800.00	
1 geological consultant, 2 months at $50 per month	100.00	
Total supervision		$ 900.00
Total labor and supervision		$3,200.00

Operating material and supplies

Explosives (powder, detonators, etc.) $2.10 per foot	$420.00	
Pipe, 2-inch black, 200 feet at $.36 per foot	72.00	
Pipe, 1-inch black, 200 feet at $.16 per foot	32.00	
Track, 4/5-ton at $160 per ton	128.00	
Ties, 100 at $.50 each	50.00	
Fish plate and bolts	10.00	
Steel and bits, $2.25 per foot, 200 feet	450.00	
Timber, (estimated)	100.00	
Diesel fuel and oil	252.00	
Other supplies, $1.00 per foot, 200 feet	200.00	
Total operating material and supplies		$1,714.00

Operating equipment (estimated value)

1 compressor (258 c.f.m.)	$3,000.00	
1 jackhammer and leg	600.00	
2 mine cars	200.00	
1 truck (1/2-ton)	800.00	
Total	$4,600.00	

Depreciation over 60 months, $\frac{4600}{60} = \$76.66$

2 months at $76.66 ---------- $ 153.32

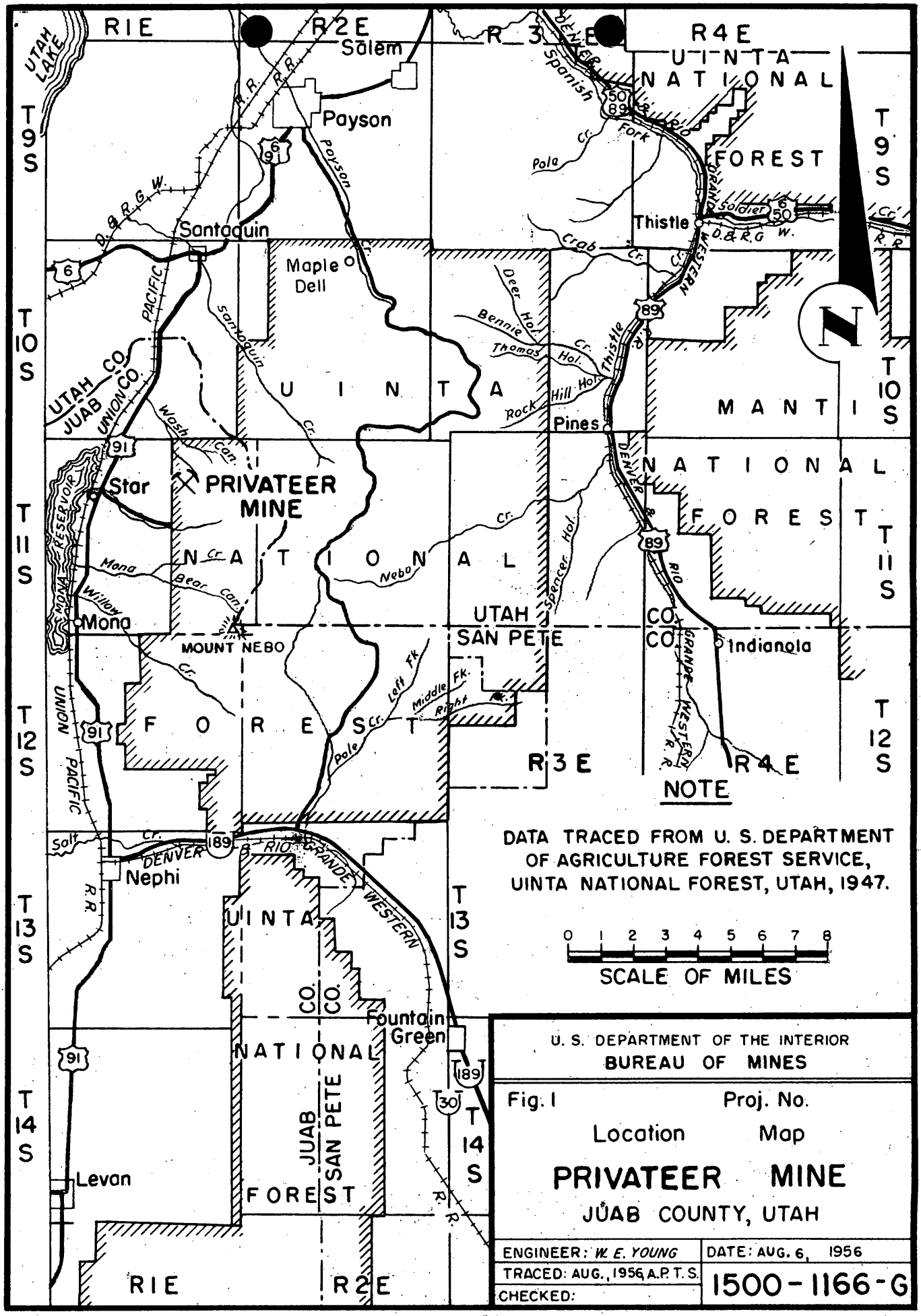
Miscellaneous

Repairs to equipment (estimated)	$ 75.00	
Analyses, 40 samples at $3.00 each (Lead-zinc-silver)	120.00	
Payroll taxes and liability insurance, 11% of $3,100	341.00	
Total miscellaneous		$ 536.00
Total drifting costs		$5,603.32

200 feet of drift, $5,603.32 = $28.02 per foot

CONCLUSIONS AND RECOMMENDATIONS

Lead-zinc-silver mineralization occurs in a brecciated zone in Mississippian limestone at the Privateer mine in the Mt. Nebo area, Juab County, Utah. The property had a small ore production and considerable development in the early days of mining. Because of inaccessibility the property was idle until the present operator constructed access roads. The operator plans to attempt a mining operation on the few existing faces of ore. A request is made for a loan to complete 1,000 feet of drifting. The exposed mineralization is of sufficient merit to justify 200 feet of exploratory drifting at the site selected. It is recommended that a loan be granted. It is estimated that the work will cost $5,603.32, or approximately $28 per foot.


R1E
R2E
R3E
R4E
T9S
T10S
T11S
T12S
T13S
T14S
UTAH LAKE
Salem
Payson
Santaquin
Maple Dell
Thistle
Pines
Star
Mona
Nephi
Levan
Fountain Green
Indianola
PRIVATEER MINE
MOUNT NEBO
UINTA NATIONAL FOREST
MANTI NATIONAL FOREST
UTAH CO.
JUAB CO.
UNION CO.
SAN PETE CO.
UTAH CO.
GRAND CO.
D.&R.G.W.
DENVER & RIO GRANDE WESTERN R.R.
UNION PACIFIC R.R.
Spanish Fork
Pole Cr.
Soldier Cr.
Crab Cr.
Deer Hol.
Bennie Hol.
Thomas Hol.
Rock Hill Hol.
Thistle Cr.
Spencer Hol.
Nebo Cr.
Mona Cr.
Bear Can.
Willow Cr.
Salt Cr.
Left Fk.
Middle Fk.
Right Fk.
Payson Cr.
Santaquin Cr.
Washington Can.
MONA RESERVOIR
NOTE
DATA TRACED FROM U. S. DEPARTMENT OF AGRICULTURE FOREST SERVICE, UINTA NATIONAL FOREST, UTAH, 1947.
0 1 2 3 4 5 6 7 8
SCALE OF MILES
U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
Fig. 1
Proj. No.
Location Map
PRIVATEER MINE
JUAB COUNTY, UTAH
ENGINEER: W. E. YOUNG
DATE: AUG. 6, 1956
TRACED: AUG., 1956, A.P.T.S.
CHECKED:
1500-1166-G

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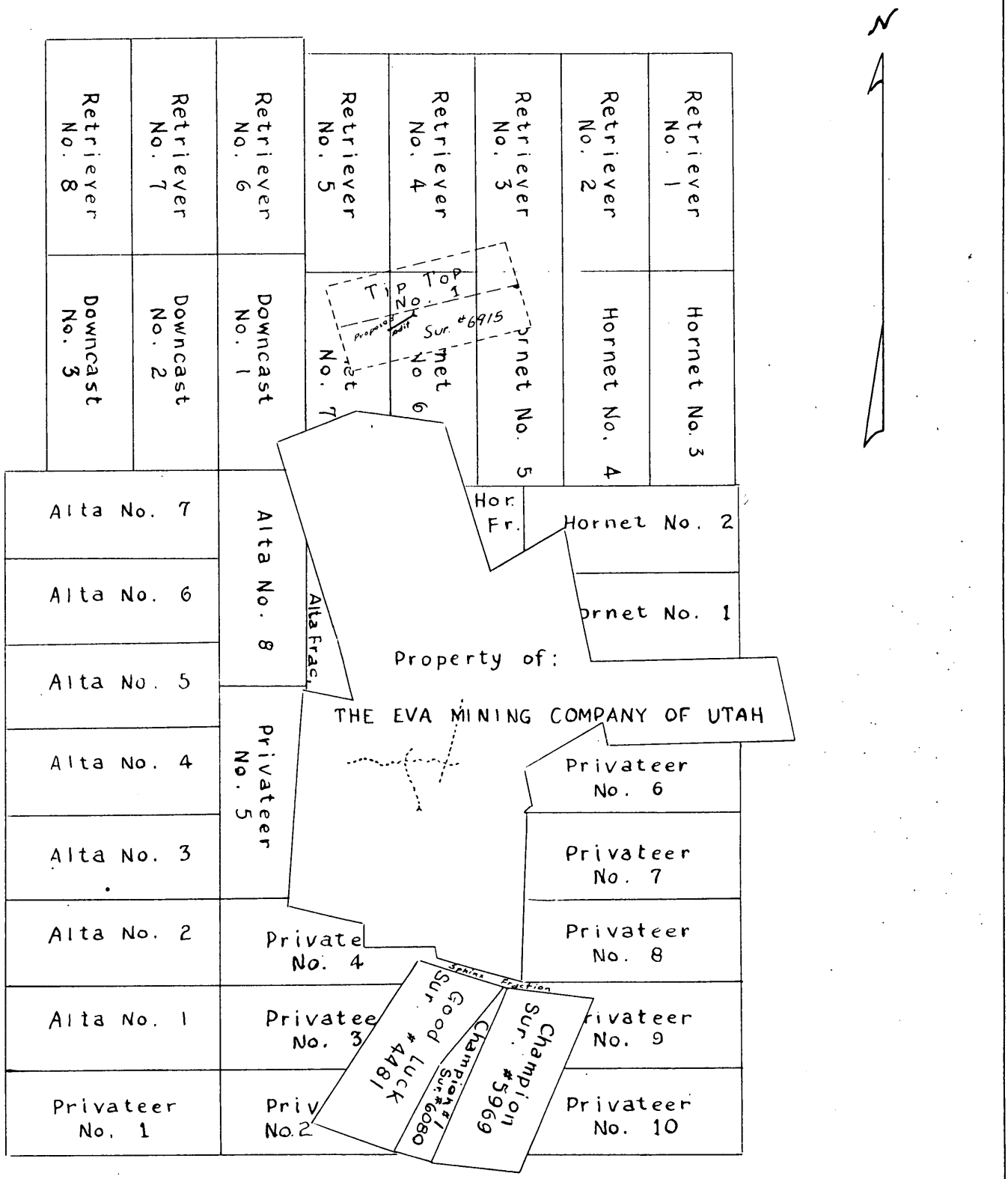

Property of:

PRIVATEER MINING COMPANY

Mount Nebo Mining District
Juab County, Utah

Scale: 1000 Feet to the Inch

Fig. 2

Traced from applicant's map 4-4-56

1500 - 1167 - G

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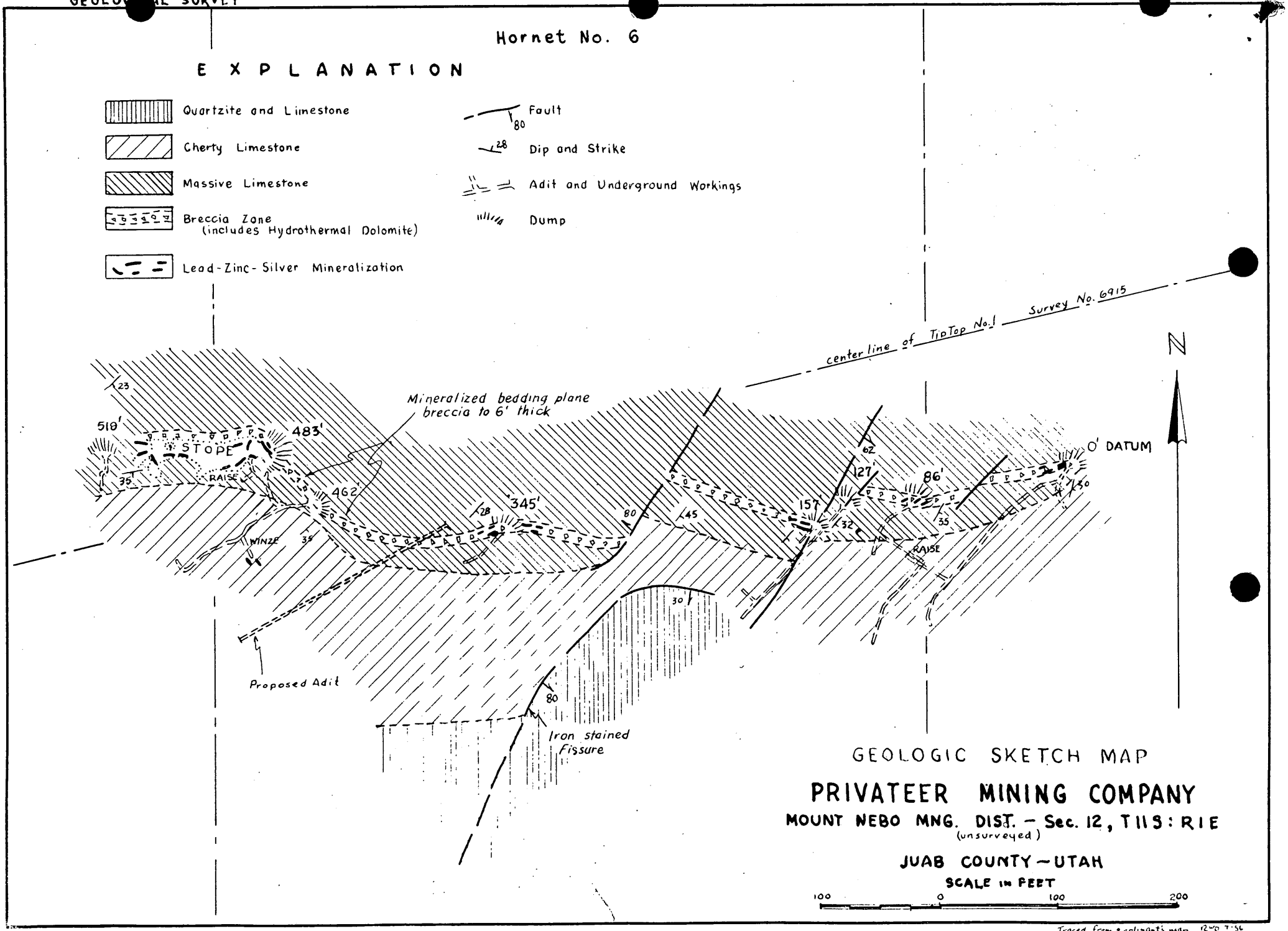
U. S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DEFENSE MINERALS EXPLORATION ADMINISTRATION
DOCKET NO. 4242



Traced from applicant's map 12-10 7-56

Fig.3

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DMEA
Date Rec'd.

AUG 13 1956

BUREAU OF MINES
Denver, Colorado

506 Federal Building
Salt Lake City 1, Utah

August 9, 1956

Memorandum

To: K. N. Hershman

From: R. W. Osterstock

Subject: DMEA 4242 (lead-zinc) Privateer Mining Company (Privateer Mine), Juab County, Utah

TRANSMITTED

AUG 14 1956

Enclosed are nine copies of an initial geologic report on the subject docket.

The Privateer property is underlain by a thick sequence of interbedded limestone and quartzite beds believed to be correlation with the Pennsylvanian Oquirrh formation. The property is presently developed by seven adit levels over a 519-foot vertical range. These adits explore a bedding plane breccia zone occurring in a bluish-gray recrystalline limestone. Significant mineralization was encountered in only the uppermost of the major workings. The next lower level contains a 50-foot winze which shows some mineralization which may indicate the existence of a pipe-like body of ore.

The alternate exploration program proposed in the attached report is designed to test the possible downdip extension of the ore body. If downdip persistence is established, it is believed that the resultant ore body will contain a sufficient tonnage to repay Government expenses incurred by the exploration project.

It is recommended that a reduced, 200-foot drifting exploration program be approved for Government assistance.

Robert W. Osterstock

Enclosure

cc: S. R. Wilson

Reviewed by
DMEA OPERATING COMMITTEE
8-20-56
(date)

PRIVATEER MINE

JUAB COUNTY, UTAH

TRANSMITTED

AUG 14 1956

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DMEA DOCKET 4242

Initial Geologic Report

By R. W. Osterstock
U. S. Geological Survey

Reviewed by
DMEA OPERATING COMMITTEE
8-20-56
(date)

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ILLUSTRATIONS

Figure 1. Index map of central Utah.

Figure 2. Claim map, Privateer Mining Co.

Figure 3. Geologic sketch map of Privateer Mine.

SUMMARY

The Privateer Mining Company, of Springville, Utah, filed an application for DMEA assistance (Docket 4242) on a $29,495.00 lead-zinc exploration venture at their Privateer property in the Mount Nebo Mining District, Juab County, Utah.

The property is underlain by a thick series of interbedded quartzites and limestones believed to be of Pennsylvanian age. The strata strike generally northeast, dip southeast, and are not unduly disturbed by faulting. The property is developed by seven adit levels over a 500-foot vertical range. All of the adits explore a bedding plane breccia zone and the uppermost of the levels produced an estimated 1,000 tons of ore from stopes in the breccia zone. The next lower level has driven under the stoped area and a 50-foot winze from this level disclosed scattered pods of galena. The applicant interprets this information to indicate a pipe-like ore body. The exploration program proposed by the applicant is designed to test this zone for vertical continuity and to explore for other similar ore bodies in the breccia. A reduced alternate program is offered which will explore, with 200 feet of drifting, the downdip persistence of the only indicated ore body which provides the single specific target. If the reduced program does not locate the downdip extension, it may then be categorically stated that the possibility of locating other unknown ore bodies of mineable size is remote.

It is recommended that the alternate exploration program consisting of 200 feet of drifting be approved for Government assistance.

Initial Geologic Report

DMEA Docket 4242

INTRODUCTION

Clinton Jenkins, of Springville, Utah, acting on behalf of the Privateer Mining Company, submitted an application April, 1956, for Government assistance. The applicant proposed an expenditure of $29,495.00 to explore for lead-zinc ores at the Privateer Mine in the Mount Nebo Mining District, Juab County, Utah.

As requested by the DMEA Region III Field Team, a field examination of the subject property was conducted June 20, 1956 by W. B. Young (U.S.B.M.) and R. W. Osterstock (U.S.G.S.). Mr. Jenkins was present during the examination.

Inasmuch as the mine workings on the property had already been adequately mapped, no attempt was made by the field examiners to remap or resample the property. The salient geologic features relating to the proposed exploration were checked in some detail and found to be essentially as depicted by the applicant's maps.

A nearby property, the Eva Mine, previously controlled by the Privateer Mining Company, was granted a DMA loan (Docket 234) in 1951. Exploration under this program was halted in 1952 with the exhaustion of the authorized funds. The results of the program were inconclusive as the target ore horizon was not intersected.

Location and accessibility

The Privateer property is situate near the southern end of the Wasatch Mountains at an altitude of about 10,000 feet in the Mount Nebo Mining District approximately 10 miles northeast of Mona, Utah. The property is comprised of 42 claims and fractions, most of which are in Secs. 12 and 13, T. 11 S., R. 1 E.

The property may be reached by travelling east on paved Utah Highway 11 from Nephi, Utah, for 7.4 miles; thence turn north (left) on black-topped Nebo Scenic Loop road for 3.8 miles; thence take right fork on improved dirt road for 11.6 miles to stone monument; thence take left fork on unimproved dirt road for 4.4 miles; thence take right fork mine on access road for 1.5 miles to Hornet claims. Although the grades are not generally excessive over most of the road, some of the unimproved dirt sections are subject to washout and make travel, except by four-wheel drive vehicle, hazardous.

Because of the altitude it is unlikely that a year-round mining operation would be feasible at the Privateer mine.

History and production

There are no reliable production records for the mine workings of the Privateer property. There are seven levels of workings, each with its own portal, which probably contain an aggregate underground advance of about 1,000 feet. It is likely that the uppermost of the

seven levels has accounted for the greater part of the production from the property as it shows a stoped area more than 100 feet long and 25 to 50 feet wide. The applicant estimates 1,000 tons of ore have been mined from the Tip Top claim. Upgrading of the mine product was certainly accomplished as excessive haulage charges would have prohibited moving any but the highest possible grade ore.

Perhaps the best indication of the grade of the product from the old workings is afforded by the sparse data available from the adjacent Eva mine. During 1912 and 1913 this mine produced 809 tons of sorted ore containing 38 percent lead, 19.2 percent zinc, and 15.9 ozs. silver per ton. During the same period shipments of oxidized ore totalling 800 tons contained 10-15 percent lead, 25-35 percent zinc, and 4.6 ozs. silver per ton.

GEOLOGY

The Mount Nebo Mining District is underlain by a thick series of Paleozoic sediments composed chiefly of limestone, dolomite, quartzite, and shale.

Although positive identification is lacking, it is believed that the limestone-quartzite sequence of rocks in the immediate vicinity of the Privateer property is correlative with the Pennsylvanian Oquirrh formation as described by J. Gilluly (U. S. Geol. Survey Prof. Paper 173, 1932).

The mine workings are restricted to a breccia zone which strikes slightly north of east and dips moderately to the southeast. The confining strata are essentially homoclinal with northeast strikes and southeast dips. The breccia zone is in a bed of bluish-gray recrystalline limestone that is overlain by a series of tan to brown and black impure limestone beds with intercalated thin quartzite beds. Black, tan, and white chert pods and nodules are common in the tan limestone unit overlying the breccia zone. Quartzite beds occur with increasing frequency higher in the section.

A few steep transverse faults noted on the applicant's map appear to feather out along bedding planes. Displacement along these structures ranges from a few feet to tens of feet and postdates the development of the ore host breccia zone. None of these structures have been noted in the area of proposed exploration.

ORE DEPOSITS

A mineralized bedding plane breccia zone ranging from 2 to 8 feet thick plays host to all of the significant amounts of ore minerals thus far discovered on the Privateer property. The surface trace of the breccia is easterly due to topography; however, the enclosing strata strike generally northeast and dip southeast. The breccia zone is confined to an apparent plane of weakness in a massive bluish-gray recrystalline limestone immediately overlain by a tan impure cherty limestone.

Ore minerals within the breccia host are principally argentiferous galena and cerussite with lesser amounts of sphalerite, smithsonite, hydrozincite, and hemimorphite. Limonite boxworks are common in the ore zone and manganese staining is not infrequently noted. The major gangue minerals are the unreplaced limestone breccia fragments as well as the light tan to white crystalline dolomite sealing agent. A small amount of clear to milky quartz also occurs as a breccia filling.

Emplacement of the ore minerals has been both by replacement and open space filling. Galena, the most prominent of the ore minerals, appears to have selectively replaced the white dolomite breccia cement although in a few instances the breccia fragments exhibit irregular peripheral replacement. The abundant limonite boxwork probably represents the oxidized and leached remains of the original sphalerite content; this, too, is most prevalent in the breccia cement. The most thoroughly mineralized zones are those in which the brecciation has been most intense, the coarser fragmental material is markedly less receptive. In the stoped area the major part of the values seem to have been gained from a 14- to 18-inch thick zone on the hanging wall of the breccia.

There is not a sufficient exposure of the ore zone in the breccia to afford a firm basis for a description of the shape of the ore bodies. However, mineralization in the upper stoped area is explored downdip by the next lower adit level and a 50-foot winze from

this level. Both the adit level and the winze contain sporadic pods of ore which are not sufficiently numerous or large enough to provide for mining the entire block. There is, therefore, a suggestion of a shoot or pipe-like ore body which may have considerable downdip persistence. If this is the case it is possible that other such shoots may be disclosed by additional lateral exploration of the breccia zone.

ORE RESERVES

There are no known ore reserves of any classification on the Privateer property. It is possible that 25 to 30 tons of ore might be recovered from pillars and walls of the stoped area but the grade of such ore would depend entirely on the amount of hand sorting accomplished. There is, by inference, a block of ore lying in the zone from the upper stoped area to and through the winze in the next lower level. No basis exists for the estimation of ore reserves within this block.

PROPOSED EXPLORATION

The applicant has proposed the expenditure of $29,495.00 for driving a 1000-foot drift designed to explore the ore-carrying breccia zone. The applicant bases this program on the probable existence of ore shoots in the breccia which will be intersected by the drift.

Inasmuch as the exploration proposals are based entirely on possible downdip persistence as well as the unknown frequency of occurrence of the potential ore shoots, it is believed that a reduced program will suffice. Consequently, the following alternate exploration program is offered in place of the applicant's proposed program. The only indication of a vertical persistence of an ore shoot is afforded in the two uppermost levels of the mine workings. Penetration of this zone may be accomplished with a 200-foot drift positioned in the same place as the 1000-foot drift proposed by the applicant. Such a venture will adequately explore the possible downdip extension of the potential shoot. If the shoot is not located by the new work it may be categorically presumed that vertical persistence is not a structural characteristic of the ore bodies and that, as a consequence, the ore bodies are too small to justify continued costly underground exploration ventures.

CONCLUSIONS AND RECOMMENDATIONS

Lead-zinc-silver ores at the Privateer property are confined to a bedding plane breccia zone. Within this breccia the known mineable ore bodies are further restricted to a limited strike length which may or may not have vertical persistence. Exploration at the next lower level under the stope has disclosed the possible existence of an ore shoot which is further explored by a 50-foot winze. There is no information available as to the frequency of distribution of the possible ore shoots. Consequently, any effective exploration must, as its primary objective, attempt to prove the vertical persistence of the only indicated ore shoot. If the alternate program proposed herein is either unsuccessful or inconclusive, it must then be presumed that the ore bodies are too small to justify continued exploration.

It is recommended, therefore, that the Government enter into a contract with the applicant designed to accomplish 200 feet of drifting. If vertical persistence of the ore shoot is established, the potential tonnage should be more than adequate to repay the expense incurred by the Government.

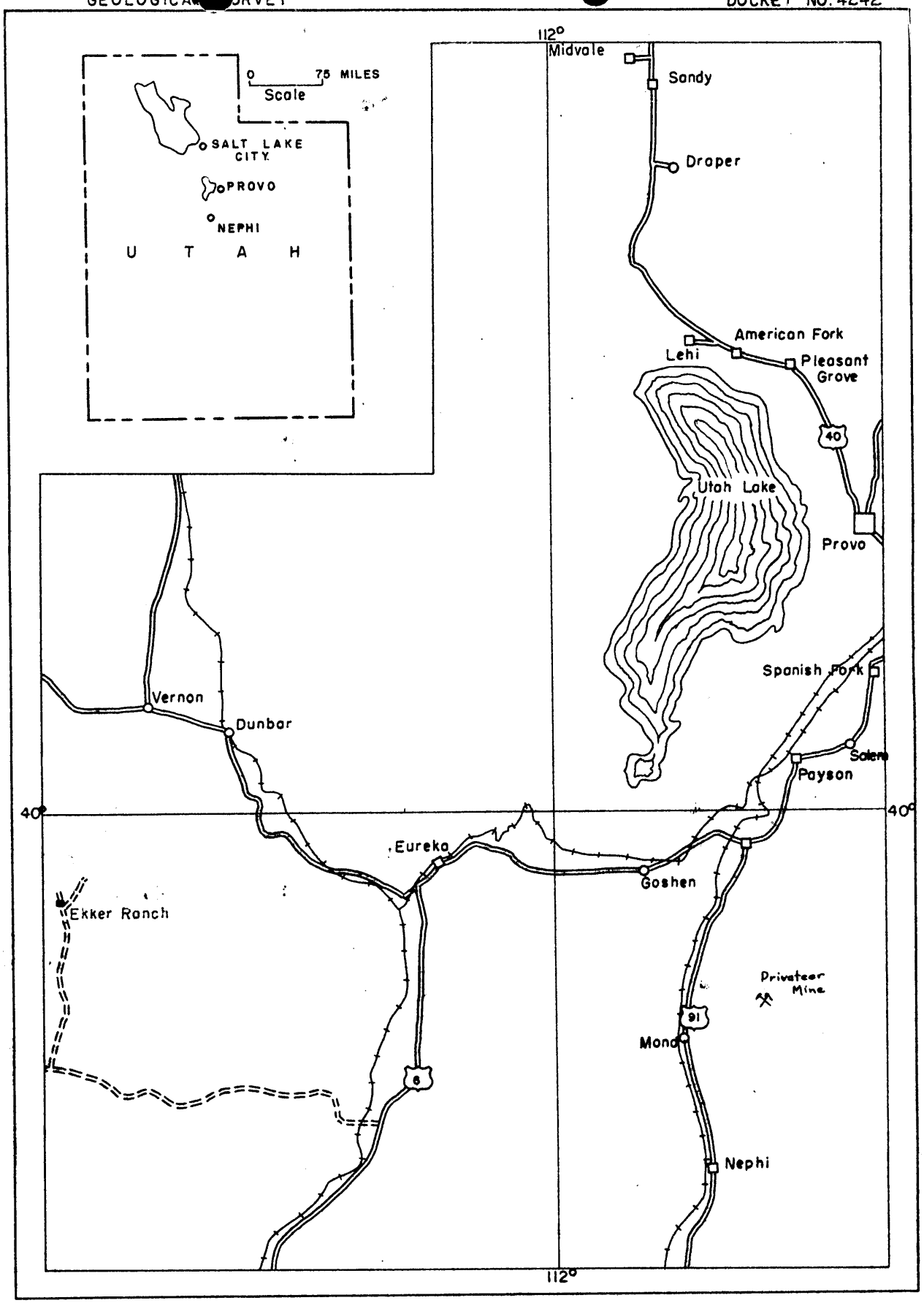

FIG. 1 INDEX MAP OF CENTRAL UTAH

0 10 20 30 40 Miles

Scale 1:1,000,000

Scale: 1000 Feet to the Inch

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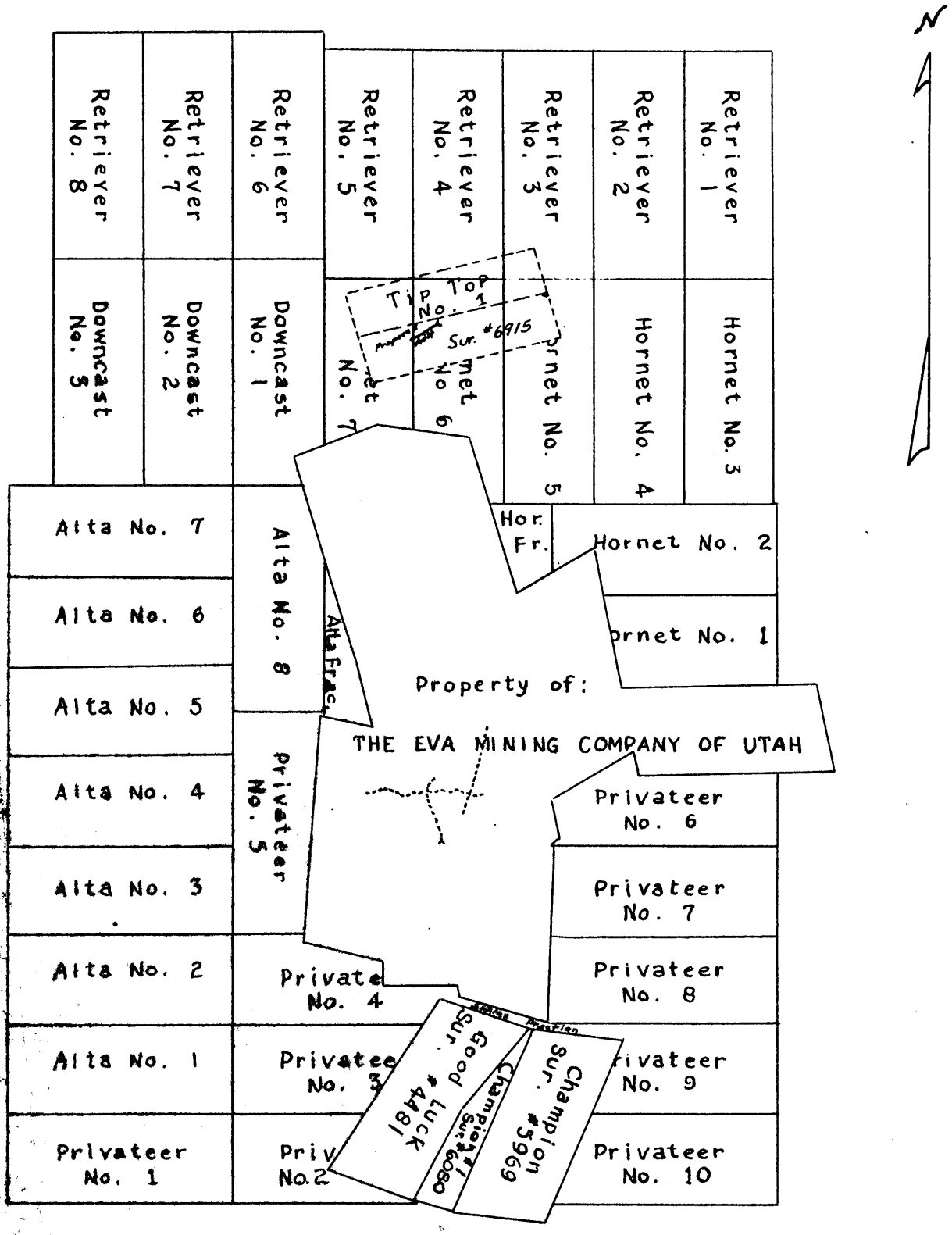

Property of:

PRIVATEER MINING COMPANY

Mount Nebo Mining District
Juab County, Utah

Scale: 1000 Feet to the Inch

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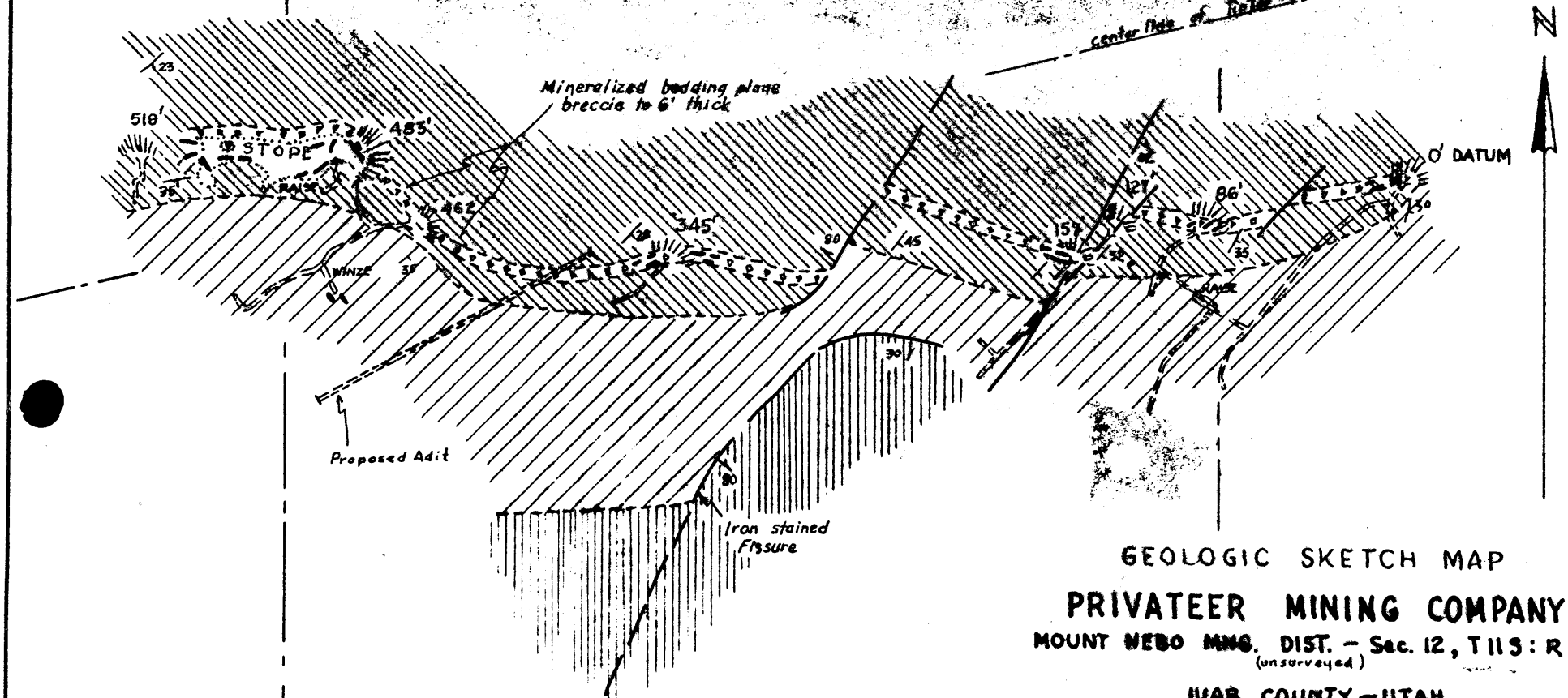
U. S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DEFENSE MINERALS EXPLORATION ADMINISTRATION
DOCKET NO. 4242

Hornet No. 8

EXPLANATION

- Quartzite and Limestone
- Cherty Limestone
- Massive Limestone
- Breccia Zone (includes Hydrothermal Dolomite)
- Lead-Zinc-Silver Mineralization
- Fault
- Dip and Strike
- Adit and Underground Workings
- Dump



GEOLOGIC SKETCH MAP

PRIVATEER MINING COMPANY

MOUNT NEBO MNG. DIST. – Sec. 12, T11S: R1E
(unsurveyed)

JUAB COUNTY – UTAH

SCALE in FEET

100 0 100 200

Fig. 3

Traced from applicant's map R-O 7-56

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

RECEIVED
AUG - 9 1956

224 New Customhouse
Denver 2, Colorado

August 6, 1956

Docket

All
Betty

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA 4242 (Lead-Zinc) Privateer Mining Co., (Privateer Mine) Juab County, Utah

This responds to your letter of August 1, 1956 in which you requested advice as to when you might expect to receive the Field Team report and recommendation on the subject docket.

Advice from the Field indicates that you should receive the report of examination about August 24, 1956.

W. M. Traver

W. M. Traver

Docket Copy
Surname
J. Alt.
Martin
Kleinman
Mittendorf

500

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

AUG - 1 1956

Mr. W. M. Traver
Executive Officer
DMEA Field Team, Region III
224 New Customhouse Bldg.
Denver 2, Colorado

Re: Docket No. DMEA-4242 (Lead-Zinc)
Privateer Mining Company
Privateer Mine
Juab County, Utah

Dear Mr. Traver:

With reference to the cited property, will you please advise us as to when we may expect to receive the Field Team's report and recommendation regarding this application.

Sincerely yours,

W. S. Martin (857)
ACTING Chairman, Operating Committee

APPROVED:

/s/ Robert W. Swanson (857)
Member, Bureau of Mines

N. E. Nelson 857
Member, Geological Survey

JMAlt/bjl (7/31/56)

Copy to: Docket
Admr. R. File
Op. Committee
Base Metals
Mr. Bishop
Mr. Kiilsgaard
Chron.

R.A.

April 25, 1956

Memorandum

To: S. R. Wilson

From: Superintendent, Denver Experiment Station, Reg. III

Subject: Docket DMEA 4242 (Lead-Zinc), Privateer Mining Company, (Privateer Mine), Juab County, Utah

Enclosed please find the subject application in the amount of $29,495.00.

A field examination and suitable report are required. The completed report should be forwarded directly to the Executive Officer, with a copy of the memorandum of transmittal to this office.

JOHN F. SHAW

John F. Shaw

Enclosure

cc: W. M. Traver (3)
E. N. Harshman
R. W. Osterstock
Sec. Op. Com. (2)

RECEIVED
APR 2 1956

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

RECEIVED
APR 27 1956

April 24, 1956

224 New Customhouse
Denver 2, Colorado

Memorandum

To: J. F. Shaw (2) (With brochure)
R. W. Osterstock

From: Field Team, Region III

Subject: Docket DMEA 4242 (Lead-Zinc) Privateer Mining Company, (Privateer Mine), Juab County, Utah

Enclosed is the subject application in the amount of $29,495.00.

A field examination and suitable report are requested. It is noted in the application that the property is at an altitude of 10,000 feet and that the property will be accessible for examination by June 1st.

Also enclosed for your information are a copy of a letter from the Chairman, Operating Committee dated April 19, 1956 and attached memoranda of review of the application by the commodity members of the Branch of Base Metals.

We will appreciate your returning the brochure with the Report of Examination.

DMEA Field Team, Region III

W. M. TRAVER,

By W. M. Traver
Executive Officer

Enclosures

HMC:eb

cc: Hershman
Chair. Op. Comm. (2)
Docket 4242
Wilson
Chron.

File Copy
Surname
J. Gill
J. Traywood
Selfridge

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

500

APR 1 9 1956

Mr. W. N. Traver
Executive Officer
DMEA Field Team, Region III
224 New Customhouse Bldg.
Denver 2, Colorado

Re: Docket No. DMEA-4242 (Lead-Zinc)
Privateer Mining Company
Privateer Mine
Juab County, Utah

Dear Mr. Traver:

The cited application for exploration assistance is being referred to your office for consideration, a field examination of the property if warranted, and recommendation.

Copies of memoranda dated April 12, 1956, by N. E. Nelson, Geological Survey, and O. M. Bishop, Bureau of Mines, ~~respectively~~, relating to the project, are enclosed for your information.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee

Enclosures

JWAlt/er 4/17/56
Copy to: Docket
Admr R File
Op. Committee
Base Metals
Mr. Bishop, USBM
Mr. Kiilsgaard, USGS
Chron.

APPROVED:

/s/ Robert W. Geehan
Member, Bureau of Mines

Thor H. Kiilsgaard
Member, Geological Survey

R.G.S.

File Copy
Surname
J. ALP.
Grismel
Huhon
Kiilsgaard
Selfridge
Fitzsimmons

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

APR 19 1956

Mr. Clinton C. Jenkins, President
Privateer Mining Company
308 East 1st South
Provo, Utah

Re: Docket No. DMEA-4242 (Lead-Zinc)
Privateer Mining Company
Privateer Mine
Juab County, Utah

Dear Mr. Jenkins:

Your application for Government assistance to explore the cited property has been reviewed by the Base Metals Division of the Defense Minerals Exploration Administration and has been referred to:

Mr. W. H. Traver, Executive Officer
DMEA Field Team, Region III
224 New Customhouse Building
Denver 2, Colorado

If the Field Team requires additional information concerning your application, they will contact you at an early date.

Sincerely yours,

C. O. Mittendorf

Administrator

JWAlt/bjl (4/17/56)

Copy to: Docket
Admr. R. File
Op. Committee
Base Metals
Mr. Bishop
Mr. Kiilsgaard
Region III (2)
Chron.

RCK.

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

RECEIVED
APR 13 1956

April 12, 1956

Re: DMEA 4242; Pb-Zn; $29,495
Privateer Mining Company
Provo, Utah
Highland or Privateer Mine
Mount Nebo Mining Dist.
Juab County, Utah

Memorandum

To: W. R. Griswold, DMEA

From: O. M. Bishop, Branch of Base Metals

Subject: Review of application dated March 30, 1956, and received April 9, 1956

The applicant Company owns a block of 42 contiguous lode claims surrounding the property of the Eva Mining Company of Utah. The applicant states his belief that about 1,000 tons of ore comparable to that from the Eva mine was mined from the upper and lower workings driven along a mineralized breccia zone on the Tip Top claim.

It is now proposed that a new adit be driven at the level of the ore bin in and along the strike of the breccia zone for 1,000 feet to adequately explore for ore shoots similar to those encountered in the Eva mine and Stope 462'.

I am unable to reach any conclusion on the economic merit of the proposed exploration and recommend a field examination in which particular thought is given to the continuity of the breccia zone, and the frequency, size and grade of the commercial ore zones in it.

O. M. Bishop

O. M. Bishop

Copy to: Division of Minerals
Branch of Base Metals (2)
Mr. Kiilsgaard, Room 5222
Mr. Geehan, Room 3608
Files

IN REPLY REFER TO:

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

RECEIVED
APR 13 1956

April 12, 1956

Re: DMEA 4242
Privateer Mining Co.,
Privateer mine
Juab County, Utah
$29,495.00 - Lead-Zinc

Memorandum

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

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

Subject: Review of application

The applicant requests assistance in driving a 1,000 foot drift to explore a 1- to 7-foot breccia zone, down dip of workings from which in the neighborhood of 1,000 tons of ore are reported to have been produced. The estimated cost of the proposed work is $29,495.00.

The breccia zone is said to outcrop for thousands of feet, but the ore-bearing brecciated material is not, apparently, coextensive with the brecciated zone. The causes of localization of the ore seem not to have been determined, but it is believed the long drift will intersect ore shoots, afford information concerning the structural characteristics of the zone and, perhaps, give clues on ore localization controls.

Two samples cut where the breccia zone is 3 feet thick averaged:

Oz.ton Silver	%Wet Lead	% Zinc
5.7	14.1	23½

Ore shipped from the Eva mine, 3,200 feet to the south and with workings in the same breccia zone averaged 16.20 Oz. Ag., 37.8% lead and 19.2% zinc.

Referral to the Field Team for appropriate action is recommended.

N. E. Nelson

N. E. Nelson

April 10, 1956
Subject: DMEA-4242
Re: Exploration Assistance
Privateer Mine

Privateer Mining Company
308 East 1st South
Provo, Utah

Gentlemen:

The receipt of your application dated March 30, 1956, for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-4242 and referred to the Base Metals Division.

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

Sincerely yours,

Robert E. Adams, Chief
Operations Control and
Statistics Division

April 10, 1956

Memorandum

To: Executive Officer, DMEA Field Team, Region III

From: Chief, Operation's Control and Statistics Division

Subject: Assignment of Docket Number

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

DMEA - 4242 Privateer Mining Company

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