DMEA Form 9
Rev. 6/57

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE | Idm-E NO. 895 | DMEA NO. 3879

Application
- [ ] Denied
- [ ] Withdrawn

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

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

Folder No. 1:

Left Side

- [ ] Royalty Audits
- [ ] Certification of Discovery
- [ ] Closing Letter
- [X] Cost Audits - 8-28-58
- [ ] Termination Notice or Agreement
- [ ] Recision Notice
- [ ] Assignment of Contract
- [X] Contract Amendments
- [X] Contract with all exhibits and annexes
- [ ] Owner's Consent to Lien and Subordination Agreement
- [X] Application and attachments

Right Side

- [X] Project summary (final) 2-19-59
- [X] Work Completed analysis (final)

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

- [ ] Field Team Semi-Annual Report for Certified Project
- [X] Final Field Team Report (Tab) -January 1959
- [X] Operator's Final Report (Tab) 8-18-58
- [ ] Interim Field Team Reports
- [ ] Operator's monthly reports and all attachments
- [X] On-site Exam Report (Tab) 8-26-55
- [ ] Settlement Sheets
- [ ] Drill Logs

Additional Folders:

Left Side

Folders No. 2 : Reports
- [ ] Analysis of Semi-Annual Inspection Reports
- [ ] Project Summary (Interim) by DMEA Engineers

Right Side

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

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

Folders No. #3 : Settlement Sheets

Folders No. _____ : Drill Logs

Folders No. _____ : Royalty material

Reported Inactive 12/28/59

17963

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-E895, Docket DMEA-3879 (lead-zinc), dated November 10, 1955, with

Idaho Consolidated Mines, Inc.
4109 Arcade Building
Seattle 1, Washington

for the purpose of determining the amount of royalty payable to the U. S. Government on sales of minerals from property referred to as the Twin Peaks Mine located in Lemhi County, Idaho, during the period May 16, 1961, through October 15, 1963.

In accordance with Article 7 and Amendments Nos. 1 and 2 of the contract, royalty is payable on all minerals 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 August 28, 1958, indicated accepted costs under the exploration contract amounting to $7,279.50 with the Government's contribution on a 50 percent basis being $3,639.75.

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

This review found no sales subject to the Government's royalty subsequent to the period covered by a prior Royalty Audit Certificate which found the sales subject to the Government's royalty through May 15, 1961, to be $5,673.06. The royalty account as of May 15, 1961, was:

Total Royalty Payable	$282.69
Total Royalty Paid	282.69
Balance of Royalty Due	$ -0-

As of October 15, 1963, the royalty account of this project was found to be:

Total Royalty Payable	$282.69
Total Royalty Paid	282.69
Balance of Royalty Due	$ -0-

E. D. Talbert
(E. D. Talbert, OME Auditor

June 2, 1964

Idm-E895 Idaho Consolidated Mines, Inc. DMEA-3879

STATUS OF PROJECT, SCOPE OF REVIEW AND REASONS THEREFOR

This contract as amended provides that the Operator, as principal if the producer or as surety if not the producer, shall pay to the Government a percentage royalty on all minerals produced from the land thereunder. The land consists of 14 unpatented claims (the Spare Time group) and 2 mill sites in secs. 20 and 29, T. 19 N., R. 21 E., B.M., unorganized Rattlesnake Creek mining district. At the time the contract was executed the Operator was the owner of the property.

Exploration work under the contract was terminated effective December 10, 1957, under the provisions of Amendment No. 2. Sales of production during the exploration period and thereafter through May 15, 1961, aggregated 77.735 SDT of lead concentrates and are covered by a Report of Royalty Review dated September 10, 1959, and a Royalty Audit Report and Certificate dated June 8, 1961.

Visits to the mine by the Acting Field Officer, OME Region I, on July 21, 1961, and October 15, 1963, the Operator's December 8, 1961, reply to a MME Form 63 inquiry, and a visit of the Operator's president to the OME regional office on November 21, 1962, disclosed no unreported shipments. A stockpile of 10 to 12 tons of concentrates with a presumed grade of 45% lead and 15% copper remained in mine bins after the last reported shipment. This unsold production is subject to the provisions of Article 7(d) of the contract.

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

(a) The files indicate that all sales of production have been reported and proper royalty thereon paid; and

(b) 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.

~~M. Hoel~~
~~Has Received~~
220

OFFICE OF MINERALS EXPLORATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

ROYALTY AUDIT CERTIFICATE

I have examined the records and sales documents pertaining to the sale of lead concentrates for the period August 1, 1959, through May 15, 1961, by

Idaho Consolidated Mines, Inc.
4109 Arcade Building
Seattle, Washington

produced from Twin Peaks Mine located in Lemhi County, Idaho, under the terms of Contract Idm-8895, DMEA-3879 (lead-zinc), dated November 10, 1955.

My examination was made in accordance with generally accepted standards applicable in the circumstances.

The audit established the net sales of lead concentrates for this period to be $4,871.14. Royalty due the U. S. Government at the contract rate of 5 percent is $243.56.

A Report of Royalty Review for the period November 10, 1955, through July 31, 1959, found the sales as of the last date to be $801.92 which added to the sales for this period make a total of $5,673.06 as of May 15, 1961. The royalty account as of July 31, 1959, was:

Total Royalty Due	$ 39.13
Total Royalty Paid	40.10
Overpayment of Royalty	$ .97

As of May 15, 1961, the royalty account of this project was found to be:

Total Royalty Due	$282.69
Total Royalty Paid	282.69
Balance of Royalty Due	$ -0-

C. E. Fisher
C. E. Fisher, OME Auditor

June 8, 1961

OFFICE OF MINERALS EXPLORATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

ROYALTY AUDIT REPORT

I. INTRODUCTION

On May 15, 1961, an audit was made of the sales and royalty accounts and records of

Idaho Consolidated Mines, Inc.
4109 Arcade Building
Seattle, Washington

pertaining to the sale of concentrates during the period August 1, 1959, through May 15, 1961, produced from property known as Twin Peaks Mine located in Lemhi County, Idaho, on which royalty is payable the U. S. Government under the terms of Contract Idm-E895, DMEA-3879 (lead-zinc), dated November 10, 1955.

The Operator's sales and royalty accounts and records are maintained at the company's office at the above address and were made available for audit by Edmund G. Wilson, president and general manager. The records made available were deemed adequate for the purpose of this audit.

II. GENERAL INFORMATION

In accordance with the provisions of paragraph 3 of Amendment No. 1 and paragraph 3(2)(d) of Amendment No. 2 to the exploration contract the Operator, as principal if the Operator is the producer, or as surety if the Operator is not the producer, shall pay to the Government the royalty on production provided for in Article 7 of the contract for a period of 11 years from the date of the contract or until the Government's contribution to costs has been repaid without interest, whichever occurs first. A Report of Review in lieu of final cost audit dated August 28, 1958, indicated accepted costs under the exploration contract amounting to $7,279.50 with the Government's contribution, on a 50 percent basis, being $3,659.75.

III. SCOPE OF AUDIT AND FINDINGS

A. Conference with Acting Field Officer

A conference with D. R. MacLaren, Acting Field Officer, Region I, disclosed the following:

(a) The Operator does not stockpile ore subject to DMEA royalty; nor are low-grade ores, tailings, or middlings stockpiled.

(b) All production from the mine is subject to DMEA royalty.
(c) Assay controls in affect are deemed adequate.
(d) The manner of disposing of production is considered as giving the Government its fair royalty returns.
(e) Examination of operations indicates that the Operator is maintaining adequate records of production subject to DMEA royalty.
(f) The Operator does not buy from or sell to other operators.
(g) The property is currently in operation.

B. Audit of Settlement Statements

During this audit Mr. Wilson supplied copies of settlement sheets received from American Smelting and Refining Company in connection with sales of lead concentrates to the East Helena Plant of that company. These settlement sheets were recomputed and tabulated by this auditor. Also, settlement sheets relating to sales to United States Smelting and Refining Company, Salt Lake City, Utah, during the period November 10, 1955, through July 31, 1959, referred to in Report of Royalty Review dated September 10, 1959, were tabulated. This tabulation, which includes a computation of royalty, is filed as a part of my audit work papers.

At the conclusion of the audit Mr. Wilson delivered to this auditor the company's check for $242.39 determined to be the net amount of royalty payable the Government as royalty on all shipments of lead concentrates through Smelter Lot No. 491, Mine Lot No. 1, received at the East Helena Plant of American Smelting and Refining Company on April 7, 1961. The check was promptly forwarded to the Acting Field Officer, Region I, Spokane, Washington, for handling in the usual manner.

IV. CONCLUSION

A brief summary of shipments of lead concentrates, metallic contents, proceeds to the Operator, and royalty due and paid the Government follows:

	November 10, 1955 Through July 31, 1959	August 1, 1959 Through May 15, 1961	Totals
Lead conc. - SDT	21.963	55.772	77.735
Metallic contents:			
Gold - oz.	.400	.928	1.328

	November 10, 1955 Through July 31, 1959	August 1, 1959 Through May 15, 1961	Totals
Silver - oz.	293.706	1,141.410	1,435.116
Copper - pounds	2,368	4,034	6,402
Lead - pounds	8,181	55,898	64,079
Value (less smelting)	$1,246.31	$6,021.48	$7,267.79
Deductions:			
Hauling	(414.39)	(1,082.43)	(1,496.82)
Sampling, umpire, etc.	(30.00)	(67.91)	(97.91)
Net proceeds	$ 801.92	$4,871.14	$5,673.06
Royalty Due	$ 39.13	$ 243.56	$ 282.69
Royalty Paid	40.10	242.59	282.69
Balance of Royalty Due	$(.97)	$ .97	$ -0-

Mr. Wilson stated that mining and milling operations are continuing and will be accelerated in the near future. He also stated that milling operations are being changed so that a copper concentrate may be sold to the Tacoma Plant of American Smelting and Refining Company.

C. E. Fisher

C. E. Fisher, OME Auditor

June 8, 1961

MME Form 22
Dec. 60

DEPARTMENT OF THE INTERIOR
Office of Minerals Exploration

CHECK SHEET OF EXAMINING ENGINEER

Operator's Name and Address

Idaho Consolidated Mines, Inc.
% Edmund G. Wilson, President
4109 Arcade Building
Seattle 1, Washington

Contract No. Idm-E895 | Docket No. DMEA-3879

Prepared by (Signature) D.H. MacLaren | Date 5/10/61

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).

- [X] Operating.
- [ ] 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:

84861-60

(1) ~~[illegible]~~
(2) 225

OFFICE OF MINERALS EXPLORATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF ROYALTY REVIEW

I have reviewed the files of the Division of Minerals, Office of Minerals Exploration, Washington, D. C., pertaining to Contract No. Idm-E895, Docket No. DMEA-3879 (Lead-Zinc), dated November 10, 1955, as amended, with

Idaho Consolidated Mines, Inc.
4109 Arcade Building
Seattle, Washington

for the purpose of determining the amount of royalty due the U. S. Government on sales of minerals from property referred to as Twin Peaks Mine located in Lemhi County, Idaho, during the period November 10, 1955, through July 31, 1959.

In accordance with Amendments Nos. 1 and 2 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 cost audit dated August 28, 1958, indicated accepted costs under the exploration contract amounting to $7,279.50 with the Government's contribution, on a 50 percent basis, being $3,639.75.

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

This review established the total sales of lead concentrates for the period to be $801.92. Royalty due the Government at rates specified in the contract is $39.13. The royalty paid and the balance due are as follows:

Total Royalty Due	$39.13
Total Royalty Paid	40.10
Overpayment of Royalty	$ .97

C. E. Fisher
C. E. Fisher, OME Auditor

September 10, 1959

Idm-E895 Idaho Consolidated Mines, Inc. DMEA-3879

SCOPE OF REVIEW AND REASONS THEREFOR

My review included a tabulation and recomputation of all copies of settlement sheets pertaining to the sales of lead concentrates furnished by United States Smelting, Refining and Mining Company in support of royalty due the Government withheld from settlements and paid directly to the Executive Officer, Region I. Sales consisted of 21.963 SDT of concentrates with a net value, after authorized deductions, amounting to $301.92 on which royalty was paid to the Government at the rate of 5 percent. Lot No. 2, consisting of 11.911 SDT, had a value of $27.50, or $2.31 per SDT. Royalty was paid on lot No. 2 in amount of $1.38, whereas the royalty due amounted to $.41 at the 1½ percent rate provided by the contract.

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

(1) All of the production involved occurred during the period of the exploration work;
(2) The property has not been operated subsequent to termination of the exploration contract; and
(3) 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 Idaho Consolidated Mines, Inc.

Address 4109 Arcade Building

Seattle 1, Washington

Exploration Contract No. Idm-E895 Docket No. DMEA-3879

		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.		

Property inactive.

September 8, 1959
Date

S. W. Zoldok
Mining Engineer
S. W. Zoldok

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DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

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D M E A
RECEIVED SEP 22 1958

DATE	INITIALS	CODE
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REPORT OF REVIEW

I have reviewed the Monthly Reports of:

Idaho Consolidated Mines, Inc.
9109 Arcade Building
Seattle 1, Washington

pertaining to Exploration Project Contract No. Idm-2895, Docket No. DMEA-3879, dated November 10, 1955, including Amendments Nos. 1 and 2, for the months of January 1956 to November 1957, inclusive, covering a project for the exploration of lead and zinc on property known as Twin Peaks Mine, located in Lemhi County, State of Idaho.

My review included an examination of the Monthly Reports (Forms MF-104) and supporting documents attached thereto, comparison of the costs claimed with the contract and pertinent schedules, consultation with the Government representative who visited and examined the project, 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 ($7,279.50) incurred were under a contract provision for payment by the Government on the basis of fixed unit costs of work actually performed.

The review disclosed the following facts in regard to the amounts paid or to be paid the Contractor:

Total cost claimed by Operator on final Form MF-104		$7,249.50
Exceptions		
Prior to this review	--0--	
Herewith	--0--	-0-
Accepted cost claimed by Operator		7,249.50
Acceptable cost not claimed		30.00
Total acceptable cost, if claimed		$7,279.50

The contract calls for a 50 percent contribution of the allowable costs by the Government. Therefore, if the project is otherwise accepted as having met the terms of the contract, payments as follows are valid and proper:

On cost claimed	$7,249.50
On additional cost, if claimed	30.00
Total payable, if claimed	$7,279.50
Payable on audited claim	$3,624.75
Paid to date	3,224.75
Balance due Operator	400.00
Additional payable, if claimed	$ 15.00

G. A. Turner, Auditor

August 28, 1958

Schedule of Work Completed

Idaho Consolidated Mines, Inc. DMEA-3879 Ida-2895

Schedule of Accepted Costs

Total cost claimed by Operator - Final Form MF-104

Stage I - Fixed Unit Costs

Diamond drilling	1170' @ $5.80	$6,786.00		
Long Hole drilling	404' @ 1.00	404.00		
Samples - assayed	17 @ 3.50	59.50	$7,249.50	

Acceptable costs, if claimed

Long Hole drilling	2' @ $1.00	$ 2.00	
Samples - assayed	8 @ 3.50	28.00	
Acceptable costs, if claimed			30.00

Total acceptable costs, if claimed $7,279.50

C. A. Turner, Auditor

August 28, 1958

Government's copy

RECEIVED SEP 9 D.M.E.A.

EXPLORATION PROJECT CONTRACT
IDAHO CONSOLIDATED MINES, INC.
DOCKET NO. DMEA-3879

AMENDMENT NO. 2

It is agreed this 9th day of August, 1957, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and Idaho Consolidated Mines, Inc., hereinafter called the "Operator," that Exploration Project Contract No. Idm-E895 (Docket No. DMEA-3879) dated November 10, 1955, as amended, is further amended as follows:

1. (a) The period of suspension provided for in Article 1(a) of Amendment No. 1 is further extended from "June 1, 1957" to "September 15, 1957."

(b) The Government shall not contribute to any costs incurred by the Operator during the period of suspension or to any costs of rehabilitation or repair which in the Government's opinion would not have occurred had there been no suspension of work.

(c) The Operator, at its own cost and expense, without contribution by the Government, during the period of suspension shall preserve and protect the project work.

2. The date for completion of the work is fixed as December 10, 1957.

3. It is of the essence of this Contract that the work be resumed before the termination of the period herein fixed for suspension, and be completed before the termination of the period fixed for completion; and if it is not so resumed and so completed, in the manner required by the Contract, the following provisions shall thereupon become effective:

(a) The Contract and all obligations of the parties thereunder, except as hereinafter otherwise provided shall be and are hereby terminated as follows:

(1) Effective November 1, 1956, if the work has not been resumed on or before September 15, 1957.

(2) Effective December 10, 1957, if the work is resumed by September 15, 1957, but is not completed by December 10, 1957.

(b) The Government will contribute only to the fixed unit costs of any work performed prior to the relevant effective date set forth under 3(a) above.

(c) The Operator shall promptly perform all winding-up and settlement actions provided for in the Contract, including the rendering of the final report and final account.

(d) The Operator, as principal if the Operator is the producer, or as surety if the Operator is not the producer, shall pay to the Government the royalty on production provided for in the Contract, in the same manner and amount and for the full period provided for in the Contract as amended, as if certification of discovery or development had been made, such certification being hereby waived by the Operator. In addition, all rights of the Government provided for in the Contract with respect to a certification of discovery or development, percentage royalty and liens for its payment, and all rights of the Government as to records, audit, and recovery of any overpayment, are preserved.

(e) The Operator hereby releases and agrees to save the Government harmless from all claims or demands under or arising out of the Contract, except as otherwise provided in this Amendment.

This Amendment shall not be construed to increase the estimated total cost of the project, the aggregate total amount which the Government may be required to contribute, or the fixed unit cost of any item of work.

Larry Sawyer
Appd. Sol. Gen.
AA.
Jerome Chambers
Martin
Johnson

Executed in quintuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By C. B. Mitchell
Administrator, Defense Minerals
Exploration Administration

IDAHO CONSOLIDATED MINES, INC.

By Edmund H. Wilson

Title President

Docket copy

Rubin
Dunger
Appld. Sol. Off.
J. W.
Gunsurel
Chapman
Selfridge
Hyslop

EXPLORATION PROJECT CONTRACT
IDAHO CONSOLIDATED MINES, INC.
DOCKET NO. DMEA-3879

AMENDMENT NO. 1

It is agreed this 12th day of December, 1956, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and Idaho Consolidated Mines, Inc., hereinafter called the "Operator," parties to that certain Exploration Project Contract Idm-2895 (Docket No. DMEA-3879), dated November 10, 1955, hereinafter called the "Contract," that:

1. (a) Work under the Contract shall be suspended during the period beginning November 1, 1956, and ending not later than June 1, 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 the work.

(c) The Operator at its 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 time fixed for the completion of the work is extended from November 1, 1956, to November 10, 1957.

3. In Article 7(b)(2) of the Contract, the period for the payment of the Government's royalty is extended from "ten years" to "eleven years."

This amendment shall not be construed to increase the estimated total cost of the project, the aggregate total amount which the Government may be required to contribute under the provisions of the Contract, or the fixed unit cost of any item of work.

IN WITNESS WHEREOF, these parties have executed this agreement as of the day and year first above written.

THE UNITED STATES OF AMERICA

By C. M. Mendenhall
Administrator, Defense Minerals
Exploration Administration

IDAHO CONSOLIDATED MINES, INC.

By Edmund A. Weber
Title President

Docket copy

MF-200A
(Revised June 1954)

Docket No. DMEA 3[illegible]

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DEC - 9 1955

Commodity Lead-Zinc

Contract No. Idm-E 895

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
EXPLORATION PROJECT CONTRACT[1]
(Short Form)

It is agreed this NOV 10 1955 day of ....., 195..., between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and [2] Idaho Consolidated Mines, Inc., a corporation organized and existing under and by virtue of the laws of the State of Washington, whose mailing address is 8109 Arcade Building Seattle 1, Wash., hereinafter called the "Operator," as follows:

ARTICLE 1. *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 Exhibit "A," Annex I, and 2 maps referred to as Exhibit A and Annex I.

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

ARTICLE 2. *Operator's property rights.*—(a) The land which is the subject of this contract (hereinafter called "the land") is in the State of Idaho, County of Lemhi, and is described in Annex I.[3]

(b) The Operator represents and undertakes that:

(1) The Operator is the [4] owner of [5] the mineral rights in the land, in possession and entitled to possession for all of the purposes of this contract, under and by virtue of a [6] deed, [7] recorded in Book 45, page 91, official records of said County; and

(2) The Operator's right, title, or interest (whether as owner, lessee, or otherwise) is subject only to the following claims, liens, or encumbrances: None

(c) 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: .....

[1] If sufficient space is not provided in any blank, use an extra sheet of paper and refer to it in the blank.
[2] Insert name, and if an organization, its nature (corporation and place of incorporation, partnership with names of partners, etc.).
[3] State on a separate sheet marked "Annex I" the legal description or enough to identify the property, particularly excluding any areas from which the production is not to be subject to the Government's percentage royalty.
[4] Insert "owner," "lessee," "contract purchaser," "locator," etc.
[5] Insert "the entire interest," "the mineral rights," "an undivided one-third," etc.
[6] Insert "deed," "lease," "contract," "location notice," "patent," etc.
[7] If not recorded, so indicate by inserting "un."

(d) 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. Until the lapse of the time within which the Government may make a certification of discovery or development without any such certification having been made, and after any such certification has been made, 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. If the Government makes no certification of discovery or development within the time limited in Article 7, it shall thereafter have no claim against the land or any production therefrom except for any production referred to in Article 7(b)(1).

ARTICLE 3. *The exploration project.*—The project is a search for indicated or undeveloped deposits of lead and zinc. The work to be performed is described in Exhibit "A." The Operator on or before January 1, 1956 shall commence the work, and on or before November 1, 1950 (unless the Operator's obligation to complete the work is terminated—see Article 8) shall complete the work except as otherwise provided in Exhibit A with respect to Page II.

ARTICLE 4. *Performance of the work.*—(a) *Operator's responsibility.*—The work shall be performed with reasonable diligence, efficiently, expertly, in a workmanlike manner, in accordance with good mining standards and State regulations for health and safety and for liability insurance covering employment; and with suitable and adequate equipment, facilities, materials, supplies, and labor, to bring it to completion within the time fixed.

(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 a 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 5. *Contribution by the Government.*—A fixed cost for each unit of work to be performed (per foot of drifting, per foot of drilling, per hour of operations, etc.) is hereby agreed upon, and is set forth in Exhibit "A" in connection with the estimated total cost of the project in the sum of $17,310. The Government will contribute 20 percent of the fixed unit costs as work is performed, in a total sum not in excess of $1,695: *Provided,* That until the Operator has rendered to the Government his final report, and any final auditing required by the Government has been made, and a final settlement of the contract has been made, the Government may withhold from the last voucher or vouchers such sums as it sees fit not in excess of 10 percent of the estimated total cost of the work. The Government will make its contribution on the basis of the monthly vouchers referred to in Article 6(b), but all payments by the Government are provisional only, subject to audit, until the account between the Operator and the Government is finally audited and settled. 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 may make payments directly to independent contractors and suppliers for the account of the Operator rather than to the Operator.

ARTICLE 6. *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 any pertinent books, documents, papers, and records of the Operator. All of the Operator's vouchers and records and accounts relating thereto and the Government's payments thereof remain subject to adjustment until final audit by the Government.

(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 7. *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 a sufficient final report and final account (see Article 6) has been rendered, 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, 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, within 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 or 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) applied to the crude ore or other production after it is extracted from the ground, to put it into a commercially marketable form; excluding fabricating or manufacturing.

(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 when 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 8. *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 remedy provided for the Government in this paragraph "(b)" is in addition to any other remedy provided in this contract, and in addition to any other remedy the law may provide for breach of contract.

(c) The giving of any notice by the Government under the provisions of this Article 8 shall not affect the Government's rights as provided for in the contract with respect to a percentage royalty, and such rights shall be fully preserved.

ARTICLE 9. *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 his mailing address stated in this contract. If mailed, notices are deemed to have been delivered five days after the date of mailing.

ARTICLE 10. *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 11. *Changes and added provisions.*—

Executed in sextuplicate the day and year first above written.

IDAHO CONSOLIDATED MINES, INC.
(Operator)

By Edmund G. Wilson
President & Manager

THE UNITED STATES OF AMERICA

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

Chambers
Hoffman
Sawyer
"Appd. Sol. Off."

I, Howard G. Jones, certify that I am the Treasurer ~~secretary~~ of the corporation named as Operator herein; that Edmund G. Wilson who signed this contract on behalf of the Operator, was then President & Manager 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.

Howard G. Jones

[CORPORATE SEAL]

Selfridge
F. E. Johnson

U. S. GOVERNMENT PRINTING OFFICE 16—70618-1

EXPLORATION PROJECT CONTRACT
IDAHO CONSOLIDATED MINES, INC.
DOCKET NO. DMEA-3879

RECEIVED
DEC - 9 1955

ANNEX I

The property referred to in Article 2 of the contract form is located in Secs. 20 and 29, T. 19 N., R. 21 E., B.M. and consists of the following 14 unpatented lode claims and 2 mill sites, shown on the map attached hereto and made a part hereof, which map is entitled "Idaho Consolidated Mines, Inc., Twin Peaks Group Mining Claims" (dated Sept. 15, 1955).

Claim Name	Book	Page
Spare Time No. 1	4	556
Spare Time No. 2	4	557
Spare Time No. 3	4	558
Spare Time No. 4	4	559
Spare Time No. 5	4	560
Spare Time No. 6	4	561
Spare Time No. 7	4	562
Spare Time No. 9	4	563
Spare Time No. 10	4	564
Spare Time No. 11	5	567
Spare Time No. 12	5	568
Spare Time No. 13	5	569
Spare Time No. 14	5	570

Spare Time Independent Claim No. 6, Book 4, Page 565
Spare Time Mill Site No. 1, Book 4, Page 555
Spare Time Mill Site No. 2, Book 4, Page 556

EXPLORATION PROJECT CONTRACT
IDAHO CONSOLIDATED MINES, INC.
DOCKET NO. DMEA-3879

RECEIVED
DEC - 9 1955

EXHIBIT "A"

Description of the Work

The work shall be done in two stages. Upon the completion of Stage I, if in opinion of the Government the results indicate the advisability of further exploration work and the Government approves in writing in advance, the work under Stage II shall be undertaken.

The No. 3 Adit level is shown on the attached map entitled "Twin Peaks Property, Idaho Consolidated Mines, Inc. (dated Sept. 15, 1955)."

STAGE I

1. Diamond drill not to exceed 1200 feet of up holes from the No. 3 Adit level. The minimum size of the drill holes shall be AX. The location, inclination, direction and length of the holes shall have prior approval of the Government.

2. Drill not to exceed 500 feet of long-hole drilling from the No. 3 Adit level.

3. Not to exceed 60 samples shall be assayed for copper, gold, silver and lead.

STAGE II

1. Drift, crosscut and/or raise not more than 300 feet on the No. 3 Adit level. The location, direction and extent of the drifts, crosscuts and raises shall have prior approval of the Government and shall be not less than 5 feet by 7 feet in cross section in the clear of timber.

2. The crosscuts and drifts shall be timbered as necessary. Costs of all timbering in excess of 100 feet shall be paid exclusively by the Operator without contribution by the Government.

3. Not to exceed 40 samples shall be assayed for copper, gold, silver and lead.

FIXED UNIT COSTS

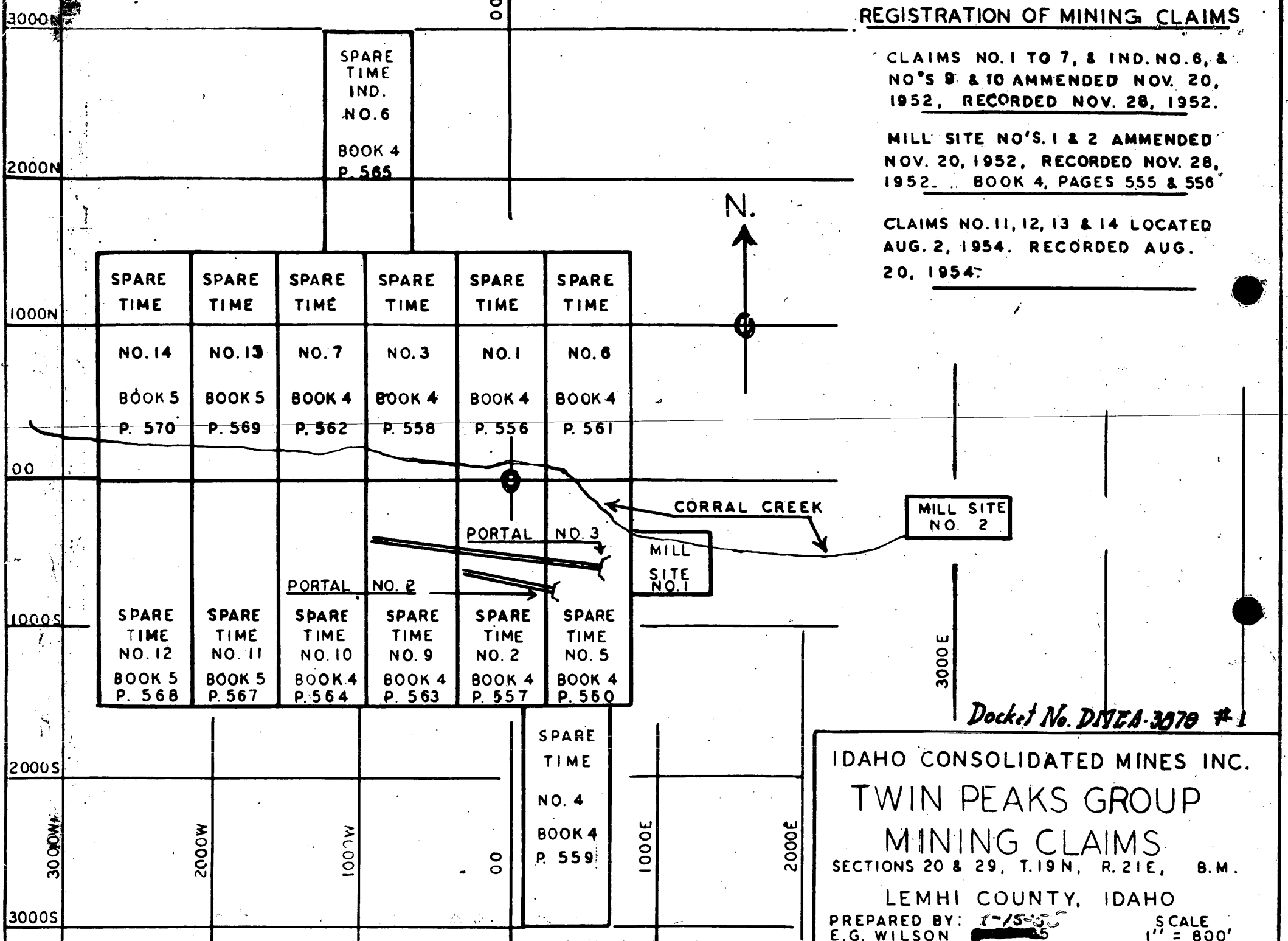
(The fixed unit costs include all costs whatsoever necessary for the performance of the project work.)

STAGE I

1.	Diamond drilling, 1200 feet	@ $5.80/ft.	$6,960.00
2.	500 feet of long-hole drilling	@ $1.00 ft.	500.00
3.	60 samples assayed for copper, gold, silver and lead	@ $3.50/sample	210.00
	Stage I - Total Unit Costs		$7,670.00

STAGE II

1.	300 feet of drifting, cross-cutting and raising	@ $30.20/ft.	$9,060.00
2.	100 feet of timbering	@ $5.00 ft.	500.00
3.	40 samples assayed for copper, gold, silver and lead	@ $3.50/sample	140.00
	Stage II - Total Unit Costs		$9,700.00
	Estimated total cost of the project		$17,370.00
	Government's participation @ 50%		$8,685.00


REGISTRATION OF MINING CLAIMS
CLAIMS NO. 1 TO 7, & IND. NO. 6, & NO'S 9 & 10 AMMENDED NOV. 20, 1952, RECORDED NOV. 28, 1952.
MILL SITE NO'S. 1 & 2 AMMENDED NOV. 20, 1952, RECORDED NOV. 28, 1952. BOOK 4, PAGES 555 & 556
CLAIMS NO. 11, 12, 13 & 14 LOCATED AUG. 2, 1954. RECORDED AUG. 20, 1954.
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SPARE TIME IND. NO. 6 BOOK 4 P. 565
SPARE TIME NO. 14 BOOK 5 P. 570
SPARE TIME NO. 13 BOOK 5 P. 569
SPARE TIME NO. 7 BOOK 4 P. 562
SPARE TIME NO. 3 BOOK 4 P. 558
SPARE TIME NO. 1 BOOK 4 P. 556
SPARE TIME NO. 6 BOOK 4 P. 561
SPARE TIME NO. 12 BOOK 5 P. 568
SPARE TIME NO. 11 BOOK 5 P. 567
SPARE TIME NO. 10 BOOK 4 P. 564
SPARE TIME NO. 9 BOOK 4 P. 563
SPARE TIME NO. 2 BOOK 4 P. 557
SPARE TIME NO. 5 BOOK 4 P. 560
SPARE TIME NO. 4 BOOK 4 P. 559
CORRAL CREEK
PORTAL NO. 3
PORTAL NO. 2
MILL SITE NO. 1
MILL SITE NO. 2
Docket No. DMEA-3078 #1
IDAHO CONSOLIDATED MINES INC.
TWIN PEAKS GROUP
MINING CLAIMS
SECTIONS 20 & 29, T. 19 N., R. 21 E., B.M.
LEMHI COUNTY, IDAHO
PREPARED BY: 1-15-55
E.G. WILSON
SCALE
1" = 800'

Government's Copy

MF-200A
(Revised June 1954)

Docket No. DMEA 3879

Commodity Lead-Zinc

Contract No. Idm-E

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
EXPLORATION PROJECT CONTRACT[1]
(Short Form)

It is agreed this _____ day of _____, 195__, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and [2] Idaho Consolidated Mines, Inc., a corporation organized and existing under and by virtue of the laws of the State of Washington, whose mailing address is 4109 Arcade Building Seattle 1, Washington, hereinafter called the "Operator," as follows:

ARTICLE 1. *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 Exhibit "A," Annex I, and 2 maps referred to in Exhibit "A" and Annex I.

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

ARTICLE 2. *Operator's property rights.*—(a) The land which is the subject of this contract (hereinafter called "the land") is in the State of Idaho, County of Lemhi, and is described in Annex I.[3]

(b) The Operator represents and undertakes that:

(1) The Operator is the [4] owner of [5] the mineral rights in the land, in possession and entitled to possession for all of the purposes of this contract, under and by virtue of a [6] deed, [7] recorded in Book _____, page _____, official records of said County; and

(2) The Operator's right, title, or interest (whether as owner, lessee, or otherwise) is subject only to the following claims, liens, or encumbrances: none

(c) 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: _____

[1] If sufficient space is not provided in any blank, use an extra sheet of paper and refer to it in the blank.
[2] Insert name, and if an organization, its nature (corporation and place of incorporation, partnership with names of partners, etc.).
[3] State on a separate sheet marked "Annex I" the legal description or enough to identify the property, particularly excluding any areas from which the production is not to be subject to the Government's percentage royalty.
[4] Insert "owner," "lessee," "contract purchaser," "locator," etc.
[5] Insert "the entire interest," "the mineral rights," "an undivided one-third," etc.
[6] Insert "deed," "lease," "contract," "location notice," "patent," etc.
[7] If not recorded, so indicate by inserting "un."

16—70618-1

(d) 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. Until the lapse of the time within which the Government may make a certification of discovery or development without any such certification having been made, and after any such certification has been made, 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. If the Government makes no certification of discovery or development within the time limited in Article 7, it shall thereafter have no claim against the land or any production therefrom except for any production referred to in Article 7(b)(1).

ARTICLE 3. *The exploration project.*—The project is a search for indicated or undeveloped deposits of lead and zinc. The work to be performed is described in Exhibit "A." The Operator on or before ..... shall commence the work, and on or before November 1, 1956 (unless the Operator's obligation to complete the work is terminated—see Article 8) shall complete the work., except as otherwise provided in Exhibit "A" with respect to Stage II.

ARTICLE 4. *Performance of the work.*—(a) *Operator's responsibility.*—The work shall be performed with reasonable diligence, efficiently, expertly, in a workmanlike manner, in accordance with good mining standards and State regulations for health and safety and for liability insurance covering employment; and with suitable and adequate equipment, facilities, materials, supplies, and labor, to bring it to completion within the time fixed.

(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 a 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.

8685

17,370

ARTICLE 5. *Contribution by the Government.*—A fixed cost for each unit of work to be performed (per foot of drifting, per foot of drilling, per hour of operations, etc.) is hereby agreed upon, and is set forth in Exhibit "A" in connection with the estimated total cost of the project in the sum of ~~$36,014~~ The Government will contribute 50 percent of the fixed unit costs as work is performed, in a total sum not in excess of $ ~~18,007~~: *Provided,* That until the Operator has rendered to the Government his final report, and any final auditing required by the Government has been made, and a final settlement of the contract has been made, the Government may withhold from the last voucher or vouchers such sums as it sees fit not in excess of 10 percent of the estimated total cost of the work. The Government will make its contribution on the basis of the monthly vouchers referred to in Article 6(b), but all payments by the Government are provisional only, subject to audit, until the account between the Operator and the Government is finally audited and settled. 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 may make payments directly to independent contractors and suppliers for the account of the Operator rather than to the Operator.

ARTICLE 6. *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 any pertinent books, documents, papers, and records of the Operator. All of the Operator's vouchers and records and accounts relating thereto and the Government's payments thereof remain subject to adjustment until final audit by the Government.

(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

EXPLORATION PROJECT CONTRACT
IDAHO CONSOLIDATED MINES, INC.
DOCKET NO. DMEA-3879

ANNEX I

The property referred to in Article 2 of the contract form is located in Secs. 20 and 29, T. 19 N., R. 21 E., B.M. and consists of the following 14 unpatented lode claims and 2 mill sites ~~claims~~, shown on the map attached hereto and made a part hereof, which map is entitled "Idaho Consolidated Mines, Inc., Twin Peaks Group Mining Claims" (dated Sept. 15, 1955).

Claim Name	Book	Page
Spare Time No. 1	4	556
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Spare Time No. 13	5	569
Spare Time No. 14	5	570

Spare Time Independent Claim No. 6, Book 4, Page 565
Spare Time Mill Site No. 1, Book 4, Page 555
Spare Time Mill Site No. 2, Book 4, Page 556

EXPLORATION PROJECT CONTRACT
IDAHO CONSOLIDATED MINES, INC.
DOCKET NO. DMEA-3879

EXHIBIT "A"

Description of the Work

The Operator shall perform the work described below in Stage I, and shall perform as much of Stage II as the Government approves in advance in writing.

Stage I

1. The preparatory work consists of the following:

Rehabilitate not to exceed 540 feet of the No. 2 Adit, including the placing of rail, water and air lines in this Adit. Also rehabilitate not to exceed 300 feet of the No. 2 Adit crosscuts, including the placing of rail, water and air lines in these crosscuts.

Timber as necessary in the No. 2 Adit and in the No. 2 Adit crosscuts. Costs of all timbering in excess of 100 feet in this Stage I shall be paid exclusively by the Operator without contribution by the Government.

Place water and air lines from the No. 2 Adit to the No. 3 Adit.

2. Extend the No. 2 Adit not more than 100 feet, and drift and/or crosscut not more than 300 feet from this Adit. The size of the drifts shall be not less than 5 feet by 7 feet in cross section in the clear of timber. The direction, location, and extent of the drifts and/or crosscuts shall have prior approval of the Government.

3. The crosscuts and drifts shall be timbered as necessary. Costs of all timbering in excess of 100 feet in this Stage I shall be paid exclusively by the Operator without contribution by the Government.

4. Cut one diamond drill station on the No. 2 Adit level. The location of this station shall have prior approval of the Government.

5. Diamond drilling not to exceed 1500 feet from the No. 2 Adit level. The minimum size of the drill holes shall be AX. The location, inclination, direction and length of the holes shall have prior approval of the Government.

6. Drill not to exceed 500 feet of long-hole drilling from the No. 2 Adit level.

7. Not to exceed 100 samples shall be assayed for copper, gold, silver and lead.

Stage II

1. Drift and crosscut not more than 300 feet on the No. 3 Adit level. The location, direction and extent of the drifts and crosscuts shall have prior approval of the Government and shall be not less than 5 feet by 7 feet in cross section in the clear of timber.

2. The crosscuts and drifts shall be timbered as necessary. Costs of all timbering in excess of 100 feet under this Stage II shall be paid exclusively by the Operator without contribution by the Government.

3. Drill not to exceed 500 feet of long-hole drilling from the No. 3 Adit level.

4. Not to exceed 40 samples shall be assayed for copper, gold, silver and lead.

The approximate location of the proposed work is referred to on the map entitled "Twin Peaks Property, Idaho Consolidated Mines Inc...Map #2" (dated Sept. 15, 1955) which is attached hereto and made a part hereof.

Fixed Unit Costs

(The fixed unit costs include all costs whatsoever necessary for the performance of the project work.)

Stage I

1. 840 feet of rehabilitation work on the No. 2 Adit level at $2.60/ft.	$2,184.00	
100 feet of timbering in Adit and crosscuts @ $5,00/ft.	500.00	
Water and air lines from the No.2 Adit to the No. 3 Adit	700.00	$3,384.00

2.	400 feet of drifting and crosscutting @ $30.20/ft.	$12,080.00
3.	100 feet of timbering @ $5.00/ft.	500.00
4.	One diamond drill station	300.00
5.	Diamond drilling, 1500 feet @ $5.80/ft.	8,700.00
6.	500 feet of long-hole drilling @ $1.00/ft.	500.00
7.	100 samples assayed for copper, gold, silver and lead @ $3.50/sample	350.00
	Stage I - Total Unit Costs	$25,814.00

Stage II

1.	300 feet of drifting and crosscutting @ $30.20/ft.	$ 9,060.00
2.	100 feet of timbering @ $5.00/ft.	500.00
3.	500 feet of long-hole drilling @ $1.00/ft.	500.00
4.	40 samples assayed for copper, gold, silver and lead @ $3.50/sample	140.00
	Stage II - Total Unit Costs	$10,200.00
	Estimated total cost of the project	$36,014.00
	Government participation @ 50%	$18,007.00

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

RECEIVED
JUN 30 1955

June 27, 1955

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

Re: Transmittal of Application for Aid
Idaho Consolidated Mines, Inc.
Twin Peaks Mine
Lemhi County, Idaho

Dear Mr. Selfridge:

Enclosed are the original and two copies of an application by the above-captioned company together with maps and assay information. We have retained one copy for our files.

Representatives of the Field Team are in the area this week and will examine the property. Our recommendations will be sent in as soon as possible.

Sincerely yours,

John S. Vhay

John S. Vhay
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region I
Northwest District

Enclosures
cc: DMEA(Orig.&2)
USBM(2)
Nickelson

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

RECEIVED
JUN 16 1955
U. S. G. S.
SPOKANE, WASH.

RECEIVED
JUN 30 1955

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. 3879
Metal or Mineral Lead, copper, cobalt
Date Received 6-30-55
Estimated Cost $38,500
Participation (Government %)

Idaho Consolidated Mines, Inc.
4109 ARCADE BUILDING
SEATTLE 1, WASHINGTON

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:

IDAHO CONSOLIDATED MINES, INC.
4109 ARCADE BUILDING
SEATTLE 1, WASHINGTON

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

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

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

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

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract SPARE TIME NO'S ONE TO FOURTEEN INCLUSIVE AND MILL SITES ONE AND TWO LODE CLAIMS SITUATED IN UNORGANIZED (RATTLESNAKE CREEK) MINING DISTRICT, COUNTY OF LEHMI, STATE OF IDAHO

(*b*) State any mine name by which the property is known. TWIN PEAKS MINE

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise UNPATENTED CLAIMS, BY DEED TO IDAHO CONSOLIDATED MINES, INC.

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

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

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice. SEE ATTACHED SUPPLEMENT - 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. SEE ATTACHED SUPPLEMENT * 4-a.

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades. SEE ATTACHED *- 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. SEE ATTACHED SUPPLEMENT - 4-c.

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

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

SEE ATTACHED SUPPLEMENT - 4-e.

5. *The exploration project.*—(*a*) State the mineral or minerals for which you wish to explore LEAD, COPPER, AND COBALT

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

(*c*) The work will start within 30 days and be completed within 12 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. SEE ATTACHED – 5-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.

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

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

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

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

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

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

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

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

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

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

Explain in detail on acompanying paper.

CASH IN BANK AND SALE OF COMMON STOCK.

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 JUNE 7, 1955, 195

IDAHO CONSOLIDATED MINES, INC.
(Applicant)

By Emmett K. Wilson President

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

IDAHO CONSOLIDATED MINES, INC.
4109 Arcade Building, Seattle, Washington

RECEIVED
JUN 30 1955

June 15, 1955

DEFENSE MINERALS EXPLORATION ADMINISTRATION APPLICATION

SUPPLEMENT 1 (b) Incorporated in the State of Washington

SUPPLEMENT 1 (c) E. G. Wilson, Pres., 2010 Pearl St., Seattle, Washington
F. J. Wettrick, V. P., Arctic Bldg., Seattle, Washington
H. D. Merrick, Sec., 3821 So. Thompson, Tacoma, Washington
H. G. Jones, Treas., 917 No. 137 St., Seattle, Washington

SUPPLEMENT 3 (f) SPARE TIME No. 1, No. 2, No. 3, and No. 4 are recorded in Book "K" of Mining Claims at pages 673, 674, and Book "X" of Mining Claims at pages 142 and 143 respectively.

SPARE TIME No. 5, No. 6, and SPARE TIME INDEPENDENT are recorded in Book "Y" of Mining Claims at pages 477, 478, and 486 respectively.

SPARE TIME No. 7 is recorded in Book "2" of Mining Claims at page 3.

SPARE TIME MILL SITE is recorded in Book "Z" of Mining Claims at page 166.

SPARE TIME No. 11, No. 12, No. 13, and No. 14 are recorded in Book "5" of Mining Claims at pages 567, 568, 569, and 570 respectively.

SUPPLEMENT 4 (a) Exploration to date: 3800 feet of tunnels.
Mine workings: 880 feet of stopes, raises and winzes.
Production facilities: 150 ton mill (flotation).
Accessibility for examination: Excellent.

SUPPLEMENT 4 (b) Past production: Approximately $50,000 net smelter returns since 1945.
Current production: None.
Ore reserves: Five stopes opened and partially worked. Several hundred tons of mill feed now available.
Ore grades: See attached copies of assays and smelter returns.

IDAHO CONSOLIDATED MINES, INC.
4109 Arcade Building, Seattle, Washington

June 15, 1955

DEFENSE MINERALS EXPLORATION ADMINISTRATION APPLICATION

SUPPLEMENT 4 (c) Geologic features are shown on maps and sections prepared by R. B. Starr and are submitted herewith. 1) Surface Geologic Map. 2) Plan of Lead Workings. 3) Cross-section of Lead Workings. 4) Sketch Showing Underground and Surface Workings, by Allen C. Merritt.

The proposed exploration work is indicated on these drawings. The reason for desiring to explore is to follow the indicated mineralization exposed in the present workings and to determine the most economical development of the ores and to provide for mining and milling.

SUPPLEMENT 4 (d) Twin Peaks property is reached by a 22 mile road from supply center at Salmon, Idaho., (population approx. 2500) which is the county seat of Lehmi County. The route includes 18 1/2 miles of oiled U. S. Highway #93 and 3 1/2 miles of graded mountain road to the Twin Peaks camp, mill, and portals. The nearest smelter is approximately 370 miles distance, by truck, in the Salt Lake City area.

SUPPLEMENT 4 (e) This mining district includes several large operations, such as the "Blackbird" and the "Ima" mines, and attracts many experienced miners and mine personnel. Materials, supplies, and equipment are readily obtainable, for the most part, locally. Water rights have been obtained on Corral Creek. Electric power is supplied by Company's own 175 KW generators.

SUPPLEMENT 5 (b) The proposed work will consist of: 1) Drift from adit tunnel No. 3, 1350 south drift approximately 160 ft. 2) Raise on bedding plane and mineralization to connect with tunnel No. 2. 3) Extend adit tunnel No. 3 westerly to contact with surface-indicated "acid dyke" (Herdlick map, U. S. Bureau of Mines, 4-27-45) indicated on sketch map. 4) Drift from adit tunnel No. 3 1460 north drift approximately 375 ft. to contact downward dip of vein in old copper tunnel, drift on contact and explore vein.

These proposed exploratory works are indicated on the plans and sections submitted herewith, all of which are tentative and subjedt to variation for practical and/or economic considerations.

IDAHO CONSOLIDATED MINES, INC.,
4109 Arcade Building, Seattle, Washington

June 15, 1955

DEFENSE MINERALS EXPLORATION ADMINISTRATION APPLICATION

SUPPLEMENT 5 (d) Applicant has been developing Twin Peaks Mining Claims since 1950. For the past five years operations have been conducted under the supervision of Mr. E. G. Wilson, President, and member of American Institute of Mining and Metallurgical Engineers; and under the direction of Mr. Allen Merritt, of the firm of R. J. Briggs & Associates, Civil and Mining Engineers, Lic. #562, of Boise, Idaho. Mapping and registered surveying by Paul Bronkin, Lic. #725, of Boise, Idaho.

ITEM 6 Estimate of costs:

Estimated time: 8 months. Estimated exploration: 1000 feet.

LABOR, SUPERVISION, CONSULTANTS:

Maintenance man @ $500 month	$ 4,000	
Miners (4) @ approx. $400 month each, inc. taxes and insurance.	12,800	
Supervisor @ $600 month	4,800	
Engineering & Geological consultant @ $250 mo.	2,000	
		$23,600

OPERATING MATERIAL AND SUPPLIES:

Powder, caps and fuse @ $1.50 ft.	$ 1,500	
Timbering @ $3.00 ft. for 3/4 of 1000 ft.	2,250	
Fuel @ $1.44 per hr. for 2560 hrs.	3,686	
Rail @ $1.33 per ft. for 1000 ft.	1,333	
Ties @ $0.27 ft. for 1000 ft.	270	
Venelation @ $1.00 ft. for 1000 ft.	1,000	
Misc. and other, including contingencies.	1,734	
		$11,773

Note: See detailed list of equipment attached

OPERATING EQUIPMENT (Based on use allowance):

Trammer, batteries, and cars	$ 660	
Generating equipment	467	
Compressor equipment	2,000	
		$ 3,127

TOTAL ESTIMATED COST OF PROPOSED 1000 FEET OF EXPLORATION $38,500

IDAHO CONSOLIDATED MINES, INC.
4109 Arcade Building, Seattle, Washington

RECEIVED
JUN 30 1955

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DEFENSE MINERALS EXPLORATION ADMINISTRATION APPLICATION

LIST OF MAJOR MINING EQUIPMENT AT TWIN PEAKS MINE:

1 - Worthington Diesel Driven, 315 cu. ft. per min., Air Compressor.
3 - Air Receiver Tanks — two are 3' x 6', one is 4' x 14'
1 - General Electric Mine Locomotive
2 - Locomotive Tender Cars
2 - Locomotive Battery Sets
4 - Union Iron Works Side Dump Ore Cars — two ton capacity.
1 - Underground Pneumatic Car-transfer
2- Copco Pneumatic Drills
1 - Sullivan Pneumatic Drill
1 - Denver Pneumatic Drill
3 - Jack Hammers
3 - Air Powered Tuggers with Buckets and Cables
1 - Diesel Current Generator, 3 KW, D. C.
1 - Deisel Current Generator, 75 KW, A. C.
1 - Diesel Current Generator, 100 KW, A. C.
4 - Copus Ventilation Fans
1 - American Ventilation Fan
1 - Fordson Tractor
1 - Acetylene Welding and Cutting Outfit
3000 lin. ft. of 18 guage, 20 lb. steel Railway Track
1800 ft. of 4 in. High Pressure Steel Compressed Air Pipe
2000 ft. of Fresh Water System
1 - Five-ton capacity Powder Magazine.
1 - Bunk House, 20' x 60', frame construction
1 - Assay House, 12' x 18', frame construction
1 - Portal House, 20' x 30', pumice block construction
1 - Change House, 12' x 20', pumice block construction
1 - 150 ton Flotation Mill, complete
Misc. Drill Steel, Bits, Timber, Cable, Lumber, Shop Tools, etc.

ALLEN C. MERRITT
CIVIL AND MINING ENGINEER
BOISE, IDAHO
2120 Woodlawn Ave.

RAYMOND J. BRIGGS
AND ASSOCIATES
619 GROVE STREET

December 3, 1952

RECEIVED
JUN 30 1955

Mr. Edmund G. Wilson, President
Idaho Consolidated Mines, Inc.
4901 Arcade Building
Seattle 1, Washington

Dear Mr. Wilson:

From time to time I have discussed the progress being made in the development of the Twin Peaks mine, near Salmon, and have attempted to keep in contact with the operations there and last November 26 I visited the property in company with Paul Bronken who has completed the survey of the ground, set the corners of the claims, made and recorded amended locations where necessary to correct the records and prepared a map showing the claims in a compact group and the mill sites covering the mill and the tailings pond. This survey is a splendid job and has been executed by the same methods and to the same tolerances as required in making an official survey for U. S. patent, that means there will be no further adjustments in the lines of the claims necessary and no encroachments by outside locators can be made. This constitutes an important measure of security to the company in its title to the property and protects it in the operation of the mine and its rights to the minerals within the boundaries of the claims.

I note that there has been a marked improvement in the appearance of the property since I visited it last year; it seems to have taken on more of the character of an operating mine, and the development, buildings and equipment indicate that production will soon be in order.

When I attended the stockholders meeting in Seattle last January, I was deeply impressed with the interest exhibited by those present in the proceedings and the fine spirit of co-operation and support given to the officers. This spirit has influenced me to make some comments as to the future possibilities of the property:

At that time I predicted that ore would be encountered if the main adit tunnel, which was at that time around 1,200 feet in, was continued on its course, cross-cutting the formation at right angles to the strike.

1. The tunnel had already cut several small veins and shears and at 1,350 feet cut a strong vein of ore which has been followed 130 feet south of the adit tunnel where milling ore has been stoped and the values proven.

2. At 1,650 feet another strong vein has been encountered which has been drifted on 150 feet or more to the north. Stopes from this drift showing good values - some high-grade - have been opened and the vein stoped 100 feet or more above the drift level. There is sufficient milling ore in these drifts and stopes to justify development on a production scale.

3. There has beenno preceptible change in the character or dip of the formation. Notwithstanding the fact that the adit, while gaining depth rapidly from the surface, it is gaining height in the bedding of the formation at a ratio of 1 foot to 2 feet advance of the tunnel, the deposition is definitely primary in character and of hydro-thermal origin and shows little evidence of leaching or oxidation.

Being familiar with the mineral-producing formation to the west and north of this property makes the same formation readily recognizable here. I regret that I am not in a position at this time to go into details as to the mineralization and the geological conditions which appear to have caused the deposition, but the conditions are similar to those indicated in the Black Pine mine, 9 miles west, where recently a cross-cut is being driven as a joint venture of the U. S. G. S. and the owners. This tunnel is now in 350 feet, has cut a vein 18 or 20 inches wide containing high-grade copper ore, and at 320 feet cut a vein 6 to 8 feet wide of cobalt ore of exceptionally high grade.

Ten miles farther west is the big operation of the Howe Sound Company where a mill of 1,200 tons daily capacity is producing copper-cobalt concentrates for shipment to their refinery at Salt Lake. An investment of $10 million has been made in this venture and indications are that it will be recovered within four years of operation. Sufficient ore has been developed to continue production for 50 years.

Still further west and north prospecting and development are in progress, but here the schist formations in which all these properties are situated, including Twin Peaks, terminates against the granite or gneiss of the Idaho batholith.

My reason for mentioning the above relationship is that the mineralized zone or belt is continuous from Twin Peaks west a distance of 30 miles and I predict that intensive prospecting and development in this area will prove its continuity and open up other properties to production.

The Twin Peaks property is located on the eastern or southeastern exposure of this formation, close to transportation and economically accessible. Further development of the property will establish its productive capacity. There has been no attempt to follow the ore below the level of the main adit but if this was undertaken by core drilling or sinking the known volume of ore would probably increased many fold.

Further development of the ore bodies, equipment of the mine and mill for operation and continued careful and economical management will result in proving the possibilities of the property as a producer. The present outlook is encouraging.

The above has been written to express my own views on the potential

possibilities of the Twin Peaks property; it is in no sense a report or a recommendation, it is voluntary and is sent to you as a gesture of good will and encouragement and to let you know of my impressions of your efforts and determination to make a producing mine of the venture. In this you have my best wishes for success.

Sincerely yours,

Allen C. Merritt

Allen C. Merritt

FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING

PROVISIONAL SETTLEMENT 1134-B

Salt Lake City, Utah, NOVEMBER 26, 1952

Purchased From IDAHO CONSOLIDATED MINES, INC.

Pay IDAHO CONSOLIDATED MINES, INC., 4109 ARCADE BLDG., SEATTLE 1, WASHINGTON
SP: SALMON, IDAHO

Ore CONCS. Lot No. 5 Gold License No.

Sampled by MIDVALE Received 11-20-52 Sampled 11-22-52 Assayed 11-24-52

Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. 24.075 Lead, N. Y. 14.50 Zinc

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	PER CENT COPPER WET	PER CENT LEAD	PER CENT INSOLUBLE	PER CENT IRON	PER CENT ZINC	PER CENT SULPHUR	PER CENT LIME	PER CENT
U. S. S. R. & M. Co.				48.70						
Umpire										
Iron Sulphide Loss				1.50						
Settlement Assay	.085	24.10	8.25	47.20	9.20	11.00	—	18.20	.40	

CAR NOS.	WET WEIGHT	METAL VALUE			WORKING CHARGE		
TRUCK - 1 LOAD		Gold 100% @ 31.5163	2	70	Treatment Base 30% Lead	6	50
		Silver 95 % @ 90.0	20	61	Credit Acc't Over 30% Pb.	1	72
		Copper	23	87	Debit Acc't Under 30% Pb.		
		Lead	104	08	Insoluble		92
		Zinc			Zinc Charge, excess over 6%		
					Sulphur Charge, excess over 2%	2	50
					Arsenic Charge, excess over 2%		
Total Wet Weight							
Sacks					Total Debit	8	20
Net Weight	15638	Gross Value	151	26	Iron Credit		66
Less H_2O 6.6 %	1034	Less Working Charge	7	54	Net Working Charge	7	54

Dry Weight, lbs. 14624	Payment for 7.312	tons @	143 72	per ton	1050.88
Freight advanced @	per ton				
Handling Charge				10.00	
Assay Charges					
Sampling or Watching Charges					
Hauling Charges					
Royalty 10% of $1040.88				104.09	114 09
Charles Lapp, Salmon, Idaho					
		TOTAL NET PROCEEDS			936 79
		Amount Withheld Pending Receipt of Silver Affidavit			11 33
		NET PROCEEDS PROVISIONAL			925 46

FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING

PROVISIONAL SETTLEMENT 9951-1

Salt Lake City, Utah, June 10, 1949

Purchased From FLOYD D. SUTTON JR.

Pay FLOYD D. SUTTON JR., THE PEAKS MINE LEASE, SALMON, IDAHO

SP: SALMON, IDAHO

Ore CPS. (THE PEAKS MINE) Lot No. 3 Gold License No.

Sampled by [illegible] Received 5/31/49 Sampled 6/1/49 Assayed 6/2/49

Metal Quotations—Gold 34.9125 Silver [illegible] Copper, N. Y. 17.50 Lead, N. Y. 13.50 Zinc

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	PER CENT COPPER WET	PER CENT LEAD	PER CENT INSOLUBLE	PER CENT IRON	PER CENT ZINC	PER CENT SULPHUR	PER CENT LIME	PER CENT
S.R.&M. Co.	.01	32.60	2.25	72.50	6.70	2.50		12.60		
C & I	.02	32.10	2.17	72.20	5.70	2.60		12.80		
[illegible] Umpire				72.60						
[illegible]				1.50						
Settlement Assay	.02	32.50	2.21	70.10	6.20	2.65		12.70	.30	

CAR NOS.	WET WEIGHT
Truck	
Total Wet Weight	
Sacks	
Net Weight	19650
Less % 6.8	1359

METAL VALUE		
Gold 100% @ 34.9125		64
Silver 93 % @ 90.00	27 79	
Copper	3 36	
Lead	145 65	
Zinc		
Gross Value	177 42	
Less Working Charge	3 96	

WORKING CHARGE	
Treatment Base 30% Lead	5 00
Credit Acc't Over 30% Pb.	4 01
Debit Acc't Under 30% Pb.	
Insoluble	62
Zinc Charge excess over 6%	
Sulphur Charge excess over 2%	2 50
Arsenic Charge excess over 1%	
Total Debit	4 11
Iron Credit	15
Net Working Charge	3 96

(Other returns at Company office file)

Weight 19351 Payment for 9.175 tons @ 173 46 per ton 1591.58

Freight advanced at per ton

Charges

Working Charges 6.00

Trucking Charge @ 17.00 ton 167.37

Federal Tax 5% 5.02

Lindberg Truck Line, Mackay, Idaho (Hold)

ROYALTY-15% of 1113.19 - Charles Kapp and Idaho Consolidated Mines Inc., 1109 Arcade Building, Seattle 1, Washington 211.98 390 37

TOTAL NET PROCEEDS 1201 21

Amount Withheld Pending Receipt of Silver Affidavit 52 39

~~NET PROCEEDS PROVISIONAL~~ Net Payment 1148 82

Test shipment to May 31st

TELEPHONE 3-3302

Hand Sample Serial 10233

ASSAY REPORT

UNION ASSAY OFFICE, Inc.

J. V. MUELLER, President
A. C. SELBY, Vice-Pres. & Treas.
A. C. SELBY, JR., Secretary

Salt Lake City 11, Utah

Mine A.S. & R.Co. 2037

CHARLES KAPP SALMON, IDAHO

RESULTS PER TON OF 2000 POUNDS

Oct. 18, 1950

NO.	GOLD Ozs. per Ton	SILVER Ozs. per ton	LEAD Per Cent Wet	COPPER Per Cent	INSOL. Per Cent	ZINC Per Cent	SULPHUR Per Cent	IRON Per Cent	LIME Per Cent	Per Cent	Per Cent	VARIOUS
	0.020	6.6	9.0	1.32								
	.70	6.00	28.80	6.37								
			9/be									
			1409'	STope								
			Over 9'									
			In 0.20									

Remarks

A. C. Selby

JE 3-3302 Hand Sample Serial 10086-87

ASSAY REPORT

UNION ASSAY OFFICE, Inc.

J. V. SADLER, President
A. C. SELBY, Vice-Pres. & Treas.
A. C. SELBY, JR., Secretary

Salt Lake City 11, Utah

Mine A.S. & R.Co.2726

Twin Peaks Mine Salmon, Idaho

RESULTS PER TON OF 2000 POUNDS

June 19, 1951

NO.	GOLD Ozs. per Ton	SILVER Ozs. per ton	LEAD Per Cent Wet	COPPER Per Cent	INSOL. Per Cent	ZINC Per Cent	SULPHUR Per Cent	IRON Per Cent	LIME Per Cent	Per Cent	Per Cent	VALUE GOLD
#1 Dump 6/15/51	None	0.2	None	None								
No No	0.010	5.3	12.0	None	1358 FT.							
				4.45 Pc.								

Remarks

A. C. Selby

Charges $

Form 1-2012

Bond Sample Serial 20491

Mine U.S.199 Thompson Creek Mine

Address Salmon, Idaho

ASSAY REPORT

UNION ASSAY OFFICE, Inc.

J. V. SADLER, President
A. C. SELBY, Vice-Pres. & Treas.
A. C. SELBY, JR., Secretary

RESULTS PER TON OF 2000 POUNDS

Sept. 13, 1951

Salt Lake City 10, Utah

NO.	GOLD Ozs. per Ton	SILVER Ozs. per ton	LEAD Per Cent Wt.	COPPER Per Cent	INSOL. Per Cent	ZINC Per Cent	SULPHUR Per Cent	IRON Per Cent	LIME Per Cent	Per Cent	Per Cent	VALUE GOLD
	0.200	1.7	None	5.97								$7.00

OUT. OF. DRILL. HOLE 7FT. AT. 1800 FT. STATION.
ON. SOUTH. WALL.
DONT. QUITE. GET. AT. NO. LEAD. AS. WHEN. I
PANNED. THIS. SAMPLE. THE. NO. LEAD. IN. PAN.?

Remarks U.S. SIMPLER. / HAYDOLE. / LEAD & SILVER ONLY.

Charged to SALT. LAKE

PHONE 3-3302

Hand Sample Serial 55031

ASSAY REPORT

UNION ASSAY OFFICE, Inc.

J. V. SADLER, President
A. C. SILBY, Vice-Pres. & Treas.
A. C. SILBY, Jr., Secretary

Salt Lake City 11, Utah

A.S. & R.Co. 4860

Chas. Kapp, 435 5th Ave, Twin Falls, Idaho

RESULTS PER TON OF 2000 POUNDS Tw 21.50 June 13, 1949

NO.	GOLD Ozs. per Ton	SILVER Ozs. per Ton	LEAD Per Cent Wet	COPPER Per Cent	INSOL. Per Cent	ZINC Per Cent	SULPHUR Per Cent	IRON Per Cent	LIME Per Cent	Per Cent	Per Cent	VALUE
	.020	15.5	1.6	30.42								130.33
	0.010	11.2	33.2		44.0							

THIS IS OUT OF THE FT. IN MAIN DRFT. AT TWIN PEAKS MINE. TAKEN HONESTLY BY ME. Steff by Steff at 53 ft. level.

LEVEL #2 Below Winz

Chas. Kapp.

6-17-49.

NOTE. NO CHARGE TO ME.

WHY? CHAS. K.

TELEPHONE 3-2002

Hand Sample Serial 13185-86

ASSAY REPORT

UNION ASSAY OFFICE, Inc.

J. V. SADLER, President
A. C. SELBY, Vice-Pres. & Treas.
A. C. SELBY, JR., Secretary

Salt Lake City 11, Utah

Mine A.S. & R. Co. 2216

IDAHO CONS. MINES CO. SALMON, IDAHO

RESULTS PER TON OF 2000 POUNDS

Dec. 12, 1950

No.	GOLD Ozs. per Ton	SILVER Ozs. per Ton	LEAD Per Cent Wet	COPPER Per Cent	INSOL. Per Cent	ZINC Per Cent	SULPHUR Per Cent	IRON Per Cent	LIME Per Cent	Per Cent	Per Cent	VALUE GOLD
1	0.010	4.3	6.6	None								
	GANGE. WITH. 4 IN. GOD. GLEAR. ON. FT. WALL. 5 FT. TOTAL.											
2	Trace	1.1	1.0	None								
	THE SAMPLE WAS TAKEN OUT OF 3RD BENDING VIEW. THAT WE HAVE CROSSED. YOU CAN SEE OUR SILVER VALUES HAVE INCREASED AT THIS LEVEL FROM THE 1-2. LEVEL.											
	665											
	1800 on Mill											27.40

Remarks

Charges

Chas. Selby

PROJECT SUMMARY REPORT

By: J. W. Alt February 19, 1959

1. Docket No. DMEA-3879 (Lead-Zinc)
Contract No. Idm-E895
Property: Twin Peaks Mine
Lemhi County, Idaho

Operator: Idaho Consolidated Mines, Inc.
4109 Arcade Building
Seattle 1. Washington

Operator's Property Rights: Owner

2. Contract dated November 10, 1955. To complete November 1, 1956.

Work Authorized (Short Form Contract)

Stage I

1. Diamond drill not to exceed 1,200 feet of up holes from the No. 3 Adit Level. The minimum size of the drill holes shall be AX size.

2. Drill not to exceed 500 feet of long-hole drilling from the No. 3 Adit.

3. Not to exceed 60 samples shall be assayed for copper, gold, silver and lead.

Stage II

1. Drift, crosscut and/or raise not more than 300 feet on the No. 3 Adit level.

2. The crosscuts and drifts shall be timbered as necessary but not to exceed 100 feet of timbering.

3. Not to exceed 40 samples shall be assayed for copper, gold, silver and lead.

Fixed Unit Costs

Stage I

1.	Diamond drilling 1,200 feet @ $5.80/ft.	$6,960.00	
2.	500 feet of long-hole drilling @ $1.00/ft.	500.00	
3.	60 samples assayed for copper, gold, silver and lead, @ $3.50/sample	210.00	$ 7,670.00

Stage II

1.	300 feet of drifting, crosscutting and raising, @ $30.20/ft.	$9,060.00	
2.	100 feet of timbering, @ $5.00/ft.	500.00	
3.	40 samples assayed for copper, gold, silver and lead, @ $3.50/sample	140.00	9,700.00

Estimated Total Cost of the Project	$17,370.00
Government's participation @ 50%	$ 8,685.00

Amendments

No. 1 Agreed December 12, 1956.

Suspends work from November 1, 1956 to June 1, 1957.

Extends completion time from November 1, 1956 to November 10, 1957.

Increases royalty payment period from 10 years to 11 years.

No. 2 Agreed August 9, 1957.

Suspends work from June 1, 1957 to September 15, 1957.

Completion date extended to December 10, 1957.

A clause that if work is not resumed on or before September 15, 1957, the contract shall be terminated effective November 1, 1956. If the work is resumed by September 15, 1957, but is not completed by December 10, 1957, the contract shall be terminated effective December 10, 1957.

Contains a "pseduo-certification".

Work Completed

Stage I

Diamond drilling, AX holes, 1,170 feet @ $5.80/ft.	$6,786.00
Long-hole drilling, 406 feet, @ $1.00/ft.	406.00
Samples assayed for copper, gold, silver and lead, 25 @ $3.50/each	87.50
Total Cost of Project	$7,279.50

Stage II

Not started.

Work on the project was started in December 1956 and by Amendment No. 2, the contract was terminated effective December 10, 1957.

3. Audit - Report of Review dated August 28, 1958.

Total cost claimed by Operator	$7,249.50
Acceptable cost not claimed	30.00
Total acceptable cost, if claimed	$7,279.50
Government's participation, 50%	$3,639.75

Operator's final report dated August 18, 1958
Field Team's final report dated January 1959.

4. Certification of Discovery or Development. Pseudo - Certification 12/10/57

No certification was made but a "pseudo-certification" is contained in Amendment No. 2, Article 3(d) effective December 10, 1957.

5. Comments

The work performed and the rate of progress were considered satisfactory. The washing out of the lower end of the access road and the destruction of the bridge over the Salmon River near Rattlesnake Creek, caused by high water in the Salmon River during the Spring of 1956, isolated the mine from the adjoining region, especially during the winter months. This slowed up the contract work immensely.

The exploration work done, both under the DMEA Contract and by the Operator at his own expense, revealed erratic and irregular areas of low-grade mineralization. The better grade mineralization, is confined to bedding veins, particularly the Last Hope vein; diamond drilling indicates that the ore in this vein occurs as small shoots. However, because of poor core recovery in the vein zone and the inherent difficulty of interpreting diamond drilling results from narrow, high-grade veins, the drilling is not conclusive and the ore shoot in the Last Hope vein could be more extensive than evidenced by the drilling. In view of this the Operator should consider exploring the Last Hope vein between the No. 2 and No. 3 adits by extending the steep raise from No. 3 adit or by extending the winze below the No. 2 adit. This would not cost much, and as the property is equipped for mining and milling, probably would be worth doing.

A small tonnage of lead ore may be recovered by selective mining from the Last Hope vein, but the mine will never become an important producer unless new targets are discovered and explored successfully.

Because of the disappointing results of Stage I, Stage II work was not authorized by the Government.

Further exploration with Government assistance is not warranted unless new targets are discovered.

J. W. Alt

J. W. Alt

JWAlt/er
CC: Docket
Dir Read File
Mr. Johnson
Chron.

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	IDAHO CONSOLIDATED MINES, INC.	Actual Cost	
State	IDAHO	Agreed Unit Cost	X
Final Report of Audit		Commodity	Docket No. DMEA-3,879
Final Report of Review	X	LEAD-ZINC	Contract No. Idm-E895

Operation	Authorized by Contract and Amendments		Completed		Net cost after sale of Government Property
	Units	Cost	Units	Cost	
Drifting & Crosscutting 5' x 7' and Raising Stage II	300' @ $30.2/ft.	$ 9,060.0			
XXXXXXX Timbering Stage II.	100' @ $5.0/ft.	500.0			
XXXXXXX Diamond Drilling (AX) Stage I.	1,200' @ $5.80/ft.	6,960.0	1,170'	$6,786.00	$ 6,786.00
Drilling (Specify) Longhole Stage I.	500' @ $1.00/ft.	500.0	406'	406.00	406.00
Surface Excavation					
Underground Excavation					
Roads and Trails					
Operating Equipment Purchased					
Surface Rehabilitation & Repairs					
Underground Rehabilitation					
Assays--60 @ $3.50 each-Stage I.		210.0	25	87.50	87.50
Assays--40 @ $3.50 each-Stage II.		140.0			
Other (Specify)					
Totals		$17,370.00		$7,279.50	* $7,279.50

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

Prepared by W. P. Klugescheid Date 2/6/59.

31398

☒ Audited R.J.R. 8/28/58 ORK ANALYSIS SHEET - DMEA PROJ ( ) ▱ Actual Cost

☒ Certified Pseudo Cond. Eff. Analysis as of Amend No. 2, Incl. Voucher for Oct-Dec. 1956 ☒ Agreed Unit Costs

Name IDAHO CONSOLIDATED MINES, INC. Docket No. 3,879

State IDAHO Commodity LEAD-ZINC Idm-E No. 895

OPERATION	AUTHORIZED Units	AUTHORIZED Cost	COMPLETED Units	COMPLETED Cost	NET COST
Drifting & Crosscutting 5'x7' Stage II.	300' @ 30.20	$9,060.00			
Raising					
~~Shafts~~ Timbering (Stage II.	100' @ 5.00	500.00			
Winzes					
Drilling (Specify) Diamond (AX) Stage I.	1,200' @ 5.80	6,960.00	1,170'	6,786.00	✓
Drilling (Specify) Longhole Stage I.	500' @ 1.00	500.00	406'	406.00	✓
Surface Excavation					
Underground Excavation					
Roads and Trails					
Operating Equipment Purchased					
Surface Rehabilitation & Repairs					
Underground Rehabilitation					
New Building, Improvements, etc. (Au, Ag, Cu, Pb) Other (Specify) Stage I - 60 days @ 3.50		210.00	25	87.50	✓
Stage II - 40 " " 3.50		140.00			
Totals		$17,370.00		7,279.50	✓

Amendment No. 1 - Recess Nov. 1, 56 to June 1, 57. Royalty Period Completion time extended to Nov. 10, 57 extended to 11 yrs.

Total Royalties to Sept 26, 57 - $40.10.

Amendment No. 2 - Recess extended to September 15, 1957. Completion date - December 10, 1957. All work now resumed or completed - automatic termination Conditional Pseudo Certification. Terminated automatically under Amendment No. 2. Operator's Final Report received - August 25, 1958. Field Team Final Report received - February 26, 1959. Mineralization low in grade and scattered. Stage II not approved by Bureau. No further work warranted.

Checks Audit. Project Summary Report written.

Prepared by W. K. Klugescheid

unless ag. to target use Pseudo Cond.

71628

Stage I.

D.D.	1200' @ 5.80	$ 6,960.00
500' Longhole	@ 1.00	500.00
60 Samples	@ 3.50	210.00
Total Cost - Stage I.		$ 7,670.00

Stage II.

Drifting + Crosscutting	300' @ 30.20	$ 9,060.00
Timbering	100' @ 5.00	500.00
40 Samples	@ 3.50	140.00
Total Cost - Stage II		$ 9,700.00

Total Cost of Project. $ 17,370.00

Spent

1958 ~~Jan~~ ~~April~~ ~~May~~ ~~June~~ ~~July~~ ~~Aug~~ Sept 1st ~~Oct~~ ~~Nov~~

~~300'~~ ~~704'~~ 406'

~~250'~~ Longhole Drilling @ 1.00 — 406.00 ~~300.00~~ ~~704.00~~ ~~250.00~~

~~6,099.00~~

~~5,446.70~~

~~1050'~~ 1170'

D.D. ~~630'~~ @ 5.80 ~~939'~~ — 6,786.00 ~~3,654.00~~

Assays @ 3.50 ~~17~~ 25 — 87.50 ~~59.50~~

~~7,013.50~~

~~5,805.70~~

~~6,449.50~~

~~7,249.50~~

7,279.50

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
		110
12/2/66	Kirbemo	120
		220

Idaho Consolidated Mines, Inc.
3001 N.E. 105
Seattle 1, Washington

Re: DMEA-3879 (Lead-Zinc)
Idaho Consolidated Mines, Inc.
Twin Peaks Mine
Lemhi County, Idaho
Contract Idm-8895

Gentlemen:

In accordance with Article 7 and Amendments Nos. 1 and 2 of the contract, all minerals mined or produced from November 10, 1955, to November 10, 1966, 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

(FE)

Frank E. Johnson
Chief, Office of
Minerals Exploration

cc: Director's Reading File
Division File
Economic Geology File
OME Reading File
DMEA Docket
Region III w/cy of incoming 63
Branch of Buget & Finance
120 M

MMerrithew/mm (12/2/66)

23263

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON, D.C. 20242

November 10, 1966

Idaho Consolidated Mines, Inc.
4109 Arcade Building
Seattle 1, Washington

Re: DMEA-3879 (Lead-Zinc)
Idaho Consolidated Mines, Inc.
Twin Peaks Mine
Lemhi County, Idaho
Contract Idm-E895

OFFICIAL COPY
O. M. E.
RECEIVED
NOV 30 1966
INITIALS | CODE
120
110

Gentlemen:

After the completion of the approved exploration work under the contract identified above, we asked to be informed about changes in the status of the property and production from it during the period of royalty obligation.

To assist you to furnish this information and to assure the accuracy of our records, please answer the questions on the back of this letter and return two copies to this office with copies of any pertinent documents.

Sincerely yours,

Frank E. Johnson

Frank E. Johnson
Chief, Office of
Minerals Exploration

MME Form 63
Revised 7-65

REQUEST FOR INFORMATION ON CERTIFIED PROJECT
AND PROJECT UNDER ROYALTY AGREEMENT

From February 1966 to November 10, 1966

1. ~~XXXXX~~ , has there been a change in ownership, lease, or sublease? If yes, please state details of the transaction below and provide a true or signed copy of the pertinent documents, unless they have been provided before. Yes ☐ No ☒

Has the annual assessment work been kept up to date on the 14 unpatented claims (the Spare Time group)? If not, please give details Yes /X/ No/__/

From February 1966 to November 10, 1966

2. ~~XXXXX~~ , has there been any production from the land subject to the contract? Yes ☐ No ☒

A. If so and it was shipped, give quantity, value, and name and address of purchaser.

	Quantity	Value

B. If stockpiled awaiting sale, state quantity, grade, and location.
Do the concentrate and ore stockpiles remain at the property? If not, please give details. Yes/__/No/__/

Type	Quantity		Estimated Grade	Location
Ore		Tons		
Concentrates		Tons		
Other		Tons		

3. Since , has any production been transported through workings (see of contract)? Yes ☐ No ☒

If so, state quantity, value, and disposition of material.

Disposition of Material	Quantity	Value

Submitted by:

Name Marjorie Carlson Title Active Secretary

Address 3001 N E 105 Seattle Date Nov 27, 1961

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
11/15	R M Smith	120
"	Kirkham	120
"	Johnson	110
		220

November 15, 1966

Memorandum

To: The File

From: R. M. Smith, Office of Minerals Exploration

Subject: DMEA-3879 (Lead-Zinc)
Idaho Consolidated Mines, Inc.
Twin Peaks Mine
Lemhi County, Idaho
Contract Idm-E895

The 11-year period during which production was subject to royalty under the terms of a "pseudo-certification" in Amendment No. 2 expired November 10, 1966.

Royalties were paid in full on production sold during the exploration period and thereafter through May 15, 1961. No production has since been sold, but 10-12 tons of lead-copper concentrate remain from the 1961 operations and 3,000-3,500 tons of copper sub-ore from development work in 1964 are stockpiled on the mine property.

The concentrates remain unsold because the copper-lead ratio of this particular batch is undesirable at nearby smelters, and the small quantity is not worth shipping. Both the grade and the tonnage are estimates; costs of sampling and assaying in addition to travel expense to determine the actual value, if any, would be excessive in comparison to the $20 to $50 in royalty that might be collected by invoking the optional "unsold production" clause of the contract.

The stockpile of development rock might be of value if a copper circuit were added to the mill. Enlarging or even operating the existing mill, however, is not warranted by the known ore reserves. Hence, the stockpile has no commercial value under present conditions.

The nonproductive status of the property was confirmed by periodic inspections by the Field Officer through September 21, 1966. The possibility of production in the remaining 50 days until November 10 is remote as the price of lead decreased from 15¢ to 14¢ per pound during this interval and the price of copper remained constant.

As Stage I of the exploration was unsuccessful, Stage II was not approved and no discovery resulted from the work. I recommend, therefore, that the "unsold production" clause of the contract (7(d)) not be invoked and that the Government's records on the subject property be closed.

R. M. Smith

R. M. Smith

cc: Director's Reading File
Division File
Economic Geology File
Branch of Budget and Finance
OME Docket
OME Reading File
OME Region I
Mr. Smith
120M

RMSmith/gla 11-15-66

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
GEOLOGICAL SURVEY
So. 157 Howard Street
Spokane, Washington 99204
September 29, 1966

OFFICIAL COPY
O. M. E.
RECEIVED
OCT 3 1966

INITIALS	CODE
10/3 M	120
HK	110

Memorandum

To: Chief, Office of Minerals Exploration

From: Field Officer, Region I

Subject: Royalty Inspection
DMEA-3879 (Lead-Zinc)
Idaho Consolidated Mines, Inc.
Twin Peaks Mine
Lemhi County, Idaho
Contract Idm-E895

An attempt was made to visit the Twin Peaks mine on September 21, 1966. The access road passes through the Twin Peaks Ranch property at the edge of which it was closed by a twice padlocked gate. The mill superintendent at Calera, who was visited on September 21, said that he did not think there had been any production from the property this year.

D. R. MacLaren

Distribution:
OME(Orig.&1)
Docket
CPF

OFFICIAL COPY

IN REPLY REFER TO:

C. M. M.

RECEIVED

MAR 8 1966

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON, D.C. 20242

February 15, 1966

Re: DMEA-3879 (Lead-Zinc)
Idaho Consolidated Mines, Inc.
Twin Peaks Mine
Lemhi County, Idaho
Contract Idm-E895

Idaho Consolidated Mines, Inc.
4109 Arcade Building
Seattle 1, Washington

Gentlemen:

After the completion of the approved exploration work under the contract identified above, we asked to be informed about changes in the status of the property and production from it during the period of royalty obligation.

To assist you to furnish this information and to assure the accuracy of our records, please answer the questions on the back of this letter and return two copies to this office with copies of any pertinent documents.

Sincerely yours,

Frank E. Johnson

Frank E. Johnson
Chief, Office of
Minerals Exploration

MME Form 63
Revised 7-65

DMEA-3879
Idm-E895

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

1. Since **October 1964**, has there been a change in ownership, lease, or sublease? If yes, please state details of the transaction below and provide a true or signed copy of the pertinent documents, unless they have been provided before. Yes [ ] No [X]

   Has the annual assessment work been kept up to date on the 14 unpatented claims (the Spare Time group)? If not, please give details. Yes [✓] No [ ]

2. Since **October 1964**, has there been any production from the land subject to the contract? Yes [ ] No [X]

   A. If so and it was shipped, give quantity, value, and name and address of purchaser.

	Quantity	Value

   B. If stockpiled awaiting sale, state quantity, grade, and location. **Do the concentrate and ore stockpiled remain at the property?** Yes [X] No [ ]
   If not, please give details. yes

Type	Quantity		Estimated Grade	Location
Ore		Tons		
Concentrates		Tons		
Other DEVELOPMENT ORE		Tons	3000 TONS	MINE PROPERTY

3. Since through workings (see of contract), has any production been transported Yes [ ] No [✓]

   If so, state quantity, value, and disposition of material.

Disposition of Material	Quantity	Value

Submitted by:

Name Robert J. McConnell Title Secretary

Address 4109 Arcade Bldg., Seattle, Wash. Date 2-25-66

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
So. 157 Howard Street
Spokane, Washington 99204
October 7, 1964

OFFICIAL FILE COPY
O. M. E
RECEIVED OCT 12 1964

DATE	INITIALS	CODE
10-12		100
10/12		~~110~~
10/14	EEB	800
10/14	mm	120
		~~120~~
		320

Memorandum

To: Chief, Division of Exploration Operations

From: Acting Field Officer, Region I

Subject: Royalty Inspection
DMEA-3879 (Lead-Zinc)
Idaho Consolidated Mines, Inc.
Twin Peaks Mine
Lemhi County, Idaho
Contract Idm-E895

The Twin Peaks mine was visited September 24, 1964, and Alma C. Larson, Superintendent, was interviewed. Since the last visit on June 9, 1964, only underground development of the new area has been carried on. No shipments of ore or concentrates have been made.

Larson estimates that about 3,500 tons of ore is stockpiled for the mill and that it has an average grade of 2 percent to 4 percent copper and 1 to 2 ounces silver per ton. There are no immediate plans to start the mill, but it is planned to overhaul and enlarge the installations.

D. R. MacLaren

D. R. MacLaren

Distribution:
OME(Orig.&1)
Docket
CPF

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
So. 157 Howard Street
Spokane, Washington 99204
June 19, 1964

OFFICIAL FILE COPY O. M. E RECEIVED JUN 22 1964		
DATE	INITIALS	CODE
6/22	[illegible]	800
		~~120~~
	Grawold	500
		220

Memorandum

To: Chief, Division of Field Operations

From: Acting Field Officer, Region I

Subject: Royalty inspection
Docket No. DMEA-3879 (Lead-Zinc)
Idaho Consolidated Mines, Inc.
Twin Peaks Mine
Lemhi County, Idaho
Contract No. Idm-E895

The Twin Peaks mine was visited June 9, 1964, and Alma C. Larson, Superintendent, was interviewed. The last royalty inspection was made October 15, 1963.

No ore has been milled or shipped since the last inspection, but there is about 1,000 tons of stockpiled ore that will probably be milled this summer. The company has been slowly developing a new copper ore body and has hopes of interesting an unidentified Japanese company to finance or take over additional development.

D. R. MacLaren

D. R. MacLaren

Distribution:
OME(Orig.&1)
Docket
CPF

OME

So. 157 Howard Street
Spokane, Washington 99204
June 8, 1964

Memorandum

To: Fiscal Section, Office of Management Operations
Office of the Secretary, Department of the Interior
Washington, D. C.

From: Acting Field Officer, Region I

Subject: DMRA-3879 (Lead-Zinc)
Idaho Consolidated Mines, Inc.
Twin Peaks Mine
Lemhi County, Idaho
Contract Ida-2895

Enclosed is the original of a Report of Royalty Review, dated June 2, 1964, covering the period May 16, 1961, through October 15, 1963.

As this Report of Royalty Review is for record purposes only, no copy is provided for the Operator. One copy, however, is being retained in the Spokane office files.

Mary L. Smelser
For: D. R. MacLaren

Enclosure

MLSmelser:mls

cc: OME
CA&A
CPF

Director's Reading File
Resources Research Branch Chief

OFFICIAL FILE COPY
O. M. E
RECEIVED JUN 10 1964

DATE	INITIALS	CODE
		500
		250

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
		220

JUN 2 1964

Memorandum

To: Acting Field Officer, Region I

(Signed) E. D. Talbert

From: Chief, Contract Administration and Audit Division

Subject: DMEA-3879 (Lead-Zinc)
Idaho Consolidated Mines, Inc.
Twin Peaks Mine
Lemhi County, Idaho
Contract Idm-E895

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

(a) Original to the Fiscal Section, Office of Management Operations, Office of the Secretary, U. S. Department of the Interior, Washington, D. C. 20240; and

(b) One copy for your files.

This Report of Royalty Review is made for record purposes only; therefore, no copy for the Operator is provided.

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, both copies of the report should be returned to this Division with your comments.

Enclosures

EDTalbert/ama 6-2-64

cc:
Docket
Director's Reading File
CA & A Division
Fiscal Section

43683

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
So. 157 Howard Street
Spokane, Washington 99204
October 24, 1963

OFFICIAL FILE COPY
O. M. E
RECEIVED OCT 28 1963

DATE		
10-28		100
10/28		~~110~~
		~~120~~
10/31		~~800~~
10/31		500
		220

Memorandum

To: Chief, Division of Field Operations

From: Acting Field Officer, Region I

Subject: Royalty inspection
DMEA-3879 (Lead-Zinc)
Idaho Consolidated Mines, Inc.
Twin Peaks Mine
Lemhi County, Idaho
Contract Idm-E895

This property was visited October 15, 1963, and E. J. Heathman, Acting Manager, was interviewed. Edmund G. Wilson, president of the company, had left the property the day before.

The mill is not operating and no ore has been shipped for the last 2 years according to Heathman; that no ore was shipped during the last year was verified by people at the Twin Peaks ranch through which the road passes. Heathman said that work has been confined to searching for and blocking out a new copper ore body northeasterly from the DMEA workings.

subj. to royalty

Mr. Wilson stopped by the Spokane office during my absence on his way to Nelson, British Columbia, and said that he is negotiating with a Canadian company and also the Mitsui Mining Company of Japan to take over the operation.

D. R. MacLaren

D. R. MacLaren

Distribution:
OME(Orig.&2)
Docket

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
So. 157 Howard Street
Spokane 4, Washington
November 29, 1962

OFFICIAL FILE COPY
O. M. E
RECEIVED DEC 3 1962

DATE	INITIALS	CODE
12/3	[illegible]	800
		~~120~~
	Grounded	500
		220

Memorandum

To: Chief, Division of Field Operations

From: Acting Field Officer, Region I

Subject: DMEA-3879 (Lead-Zinc)
Idaho Consolidated Mines, Inc.
Twin Peaks Mine
Lemhi County, Idaho
Contract Idm-E895

This is in further reference to my memorandum of September 19, 1962, concerning the matter of pending royalty.

Edmund G. Wilson, president of the subject company, visited the Spokane office November 21, 1962, at which time he outlined the company's plans for future production and left a map, copies of which ~~are~~ is enclosed. The map shows the relation of the new workings, from which production will come, to the workings driven with DMEA assistance. The new workings are all within the limits of the ground defined by the contract. Therefore production from these workings is subject to Government royalty.

During the past summer, Japanese mining engineers spent some time on the property and want a contract with Idaho Consolidated to ship them 6,000 tons per month. At the present time, Wilson is not sure that he could maintain such a shipping program and for the present has agreed to ship them 2,000 tons of crude ore estimated to contain 18.58 percent copper, 10.5 ounces of silver, and from $5 to $73 per ton in gold. Wilson estimates that the 2,000 tons will be sorted from 12,000 tons of mined ore, which will leave 10,000 tons, more or less, for mill stockpile. The shoot from which this ore will come is four feet thick and has 360 feet of unmined backs; its length has not yet been established.

One of the major difficulties in the recent past has been that of proper mill supervision. The company was under the impression that they had a reliable man in Mr. Fisher, but it appears that they were somewhat mistaken. According to Wilson, in the future the Japanese will assist with technical help in both the mine and the mill. Wilson could not state at this time exactly when he plans to start shipping the 2,000 tons of crude ore or when mill operation will start.

During my recent trip through Idaho, snow in the high country and threatening weather made it inadvisable to attempt to visit the property.

D R MacLaren
D. R. MacLaren

Enclosures

ME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
9/24		500
9/25	Talbot	800
"	on leave	130
"	Johnson	110
9/27	on leave	100
		220

SEP 2 5 1962

Memorandum

To: Acting Field Officer, Region I

From: Acting Chief, Division of Field Operations

Subject: DMEA-3879 (Lead-Zinc)
Idaho Consolidated Mines, Inc.
Twin Peaks Mine
Lemhi County, Idaho
Contract Idm-2895

We have your September 19 memorandum, with attachments, covering the matter of pending royalty pertaining to the referenced contract.

In view of your last paragraph, we agree that it might be unwise to press the matter at this moment as long as there exists some expectancy of the matter being resolved within a reasonable period of time.

W. R. Griswold (gla)

WRGriswold/gla
9-24-62
cc to: Director's Reading File
Review Committee
Docket
Code 500

43683

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
So. 157 Howard Street
Spokane 4, Washington
September 19, 1962

OFFICIAL FILE COPY
O. M. E
RECEIVED SEP 21 1962

DATE	INITIALS	CODE
9/21	[illegible]	800
9/25	[illegible]	500
		270

Memorandum

To: Chief, Division of Field Operations

From: Acting Field Officer, Region I

Subject: DMEA-3879 (Lead-Zinc)
Idaho Consolidated Mines, Inc.
Twin Peaks Mine
Lemhi County, Idaho
Contract Idm-E895

In accordance with the instructions contained in your memorandum of August 9, 1962, I have written to the American Smelting and Refining Company Tacoma copper smelter and the Bunker Hill lead smelter concerning the acceptability of the concentrates at the subject property. I also wrote to the A. S. & R. East Helena smelter and the Anaconda smelter on the same theme and to Edmund G. Wilson, president of the subject company, regarding the sale of the concentrates and the payment of royalty. Replies to each of these letters are enclosed.

The best value of the concentrates is quoted by A. S. & R. East Helena plant at $108.00 per ton, less shipping costs. Based upon the last settlement sheet, the freight charge would be in the order of $25.00 per ton, leaving a net value of about $83.00 per ton. Wilson implies that Fisher's estimate of 10 tons of concentrates in the bins is incorrect. Assuming that Wilson's estimate of 12 tons given when he returned Form 62 on December 8, 1961, is correct, the concentrates would be worth something on the order of $996.00, having a royalty value at 5% of $49.80.

In view of the development of copper ore described in the third paragraph of Wilson's letter, plus the fact that the grades of 45 percent lead and 15 percent copper in the 12 tons of concentrates are only estimates, I recommend that the matter of royalty not be pressed at this time. I expect to be in the Salmon area during the first half of October, at which time I will visit the property. I can then sample the concentrates and try to determine if there is enough lead-copper ore in the old part of the mine to increase the tonnage of the lead-copper concentrates with a better lead-copper ratio. Possibly a higher return would result if a large enough tonnage could be stockpiled to justify shipping to a flotation mill to get a copper and a lead concentrate.

D. R. MacLaren

D. R. MacLaren

Enclosures

IDAHO CONSOLIDATED MINES, INC.

EAST HELENA PLANT
EAST HELENA, MONTANA

September 11, 1962

Mr. B.T. McLaren
Acting Field Officer, OMS
Bureau of, U. S. Dept. of the Interior
No. 457 Howard Street
Spokane 8, Washington

Dear Mr. McLaren:

We purchase lead concentrates containing copper as per the enclosed schedule.

Using 9.5¢ per pound for lead and 31¢ per pound for copper (current prices), concentrate containing 65% lead and 15% copper would be worth approximately $108 per ton at this smelter. Shipping costs would have to be subtracted.

Very truly yours,

S. M. LANE

mml.

[illegible] SMELTING AND REFINING CO[illegible]Y
EAST HELENA PLANT

Schedule for Ores and Concentrates, Effective August 1, 1962

DELIVERY. F. O. B. East Helena Smelter, East Helena, Montana

PAYMENTS FOR METALS

GOLD: If 0.03 oz. per dry ton and up to and including 3.0 ounces, pay for all at 91.137% ($31.81825) per Troy ounce; if over 3.0 ounces up to and including 5 ounces per dry ton, pay for all at 92.569% ($32.31826) per Troy ounce. If over 5 ounces up to and including 10 ounces, pay for all at 93.589%($32.67433) Over 10 ounces, pay for all at 94.609% ($33.03037).

SILVER: Pay for 95% at the average of the Handy & Harman New York silver quotations for the calendar week including date of arrival of the last car of each lot at the plant of the Buyer, or at Mint Price provided silver qualifies for Government purchase and affidavit is furnished, mimimum deduction one Troy ounce per dry ton, less 1 cent per ounce.

LEAD: If 3.0% or over by wet assay, deduct from the wet lead assay 1.5 units and pay for 90% of the remaining lead at the average of the daily published quotations as published in the E. & M.J. Metal and Mineral Markets of New York, for common desilverized domestic lead for delivery in New York City for the calendar week including date of arrival of the last car of each lot at the plant of the Buyer, less a deduction of 2.2¢ per pound of lead accounted for.

COPPER: Deduct from the wet copper assay 1.0 units and pay for 100% of the remaining copper at the Custom Smelter Copper Price, f.o.b. refinery, for electrolytic copper sold in standard shapes in the United States market as published in the Engineering and Mining Journal (Metal and Mineral Markets) for the seven day period ending on the Wednesday following the calendar week including date of delivery of product at the plant of Buyer, less a deduction of 9.0¢ per pound of copper paid for. Nothing shall be paid for copper if less than 1% by wet assay.

No payment will be made for any metal or content except as specified above.

DEDUCTIONS

BASE CHARGE: $12.50 per net dry ton for ores or concentrates having a settlement lead content of 20% or less. Deduct 10¢ per ton from the base charge for each unit of lead over 20%, fractions in proportion.

ARSENIC & ANTIMONY (COMBINED) 2% free. Excess charged at 50¢ per unit, fractions in proportion.

BISMUTH: 0.1% of lead content by wet assay allowed free, excess charged at 50¢ per pound, fractions in proportion.

BULLION FREIGHT: Lead and Copper quotations are based on a bullion freight rate of $27.17 per ton from East Helena, Montana, to New York City. Any increase in freight for account of shipper, to the extent of the payable lead and copper content.

LABOR: Base hourly rate $3.043. Charge 6¢ for each 1¢ increase in labor rate.

SAMPLING & ASSAYING: Charge $10 per lot when less than 5 tons dry weight. Charge $5 per lot when less than 10 tons dry weight.
Weighing and sampling (at which Seller or a representative may be present) as done by Buyer according to standard practice, promptly after receipt of [illegible] will be accepted as final. The absence of SELLER or a Representative shall be deemed a [illegible] in such instance. After [illegible] ~~product [illegible] in bins, commingled~~, or otherwise disposed of by BUYER. In case of disagreement on assays, an umpire shall be selected in rotation from a list mutually agreed upon whose assays shall be final if within the limit of the assays of the two parties, and if not, the assay of the party nearer to the umpire shall prevail. Losing party shall pay cost of umpire. In case of SELLER'S failure to make or submit assays, BUYER'S assay shall govern.

Seller [illegible] whether [illegible] not he desires to submit assay [illegible] pulp samples.

All rates quoted subject to change without notice. The Company reserves the right to reject any or all [illegible].

[illegible]
EAST HELENA, [illegible] [illegible] OF MAILING AND
LETTER OF ADVICE WITH REFERENCE TO SHIPMENT.

SMELTING AND REFINING COMPANY

TACOMA SMELTER

TACOMA 1, WASHINGTON

ASARCO

September 11, 1962

[illegible]

Mr. D. R. McLaren
Acting Field Officer, OMS
U. S. Department of the Interior
Room 157 Newark Street
Spokane 1, Washington

Dear Sir:

This is in response to your letter of September 7, 1962, concerning 12 tons of [illegible] containing 45 percent lead and [illegible] percent copper [illegible] near Salmon, Idaho.

The Tacoma [illegible] is a copper smelter and would not normally accept a concentrate of the above lead and copper content. Ordinarily of this type [illegible] would go to a lead smelter.

Payment for copper concentrates at Tacoma are generally based on the gross [illegible] copper content and no payment is made for lead. There are also penalties for impurities, such as arsenic, antimony, and others. [illegible] reduced to pounds pure copper. To determine the value of the ore, it would require a very complete analysis that would indicate smelting characteristics. It probably would not be [illegible] material to the Tacoma Smelter.

Very truly yours,

R. C. [illegible]

RCT:s

THE ANACONDA COMPANY

ANACONDA, MONTANA

Anaconda Reduction Department

September 11, 1942

Mr. E. R. McLaren
Acting Field Officer, OSR, Region 7
So. 157 Howard Street
Spokane 4, Washington

Dear Sir:

Reference is made to your letter of September 7th regarding concentrate stockpiled near Salmon, Idaho.

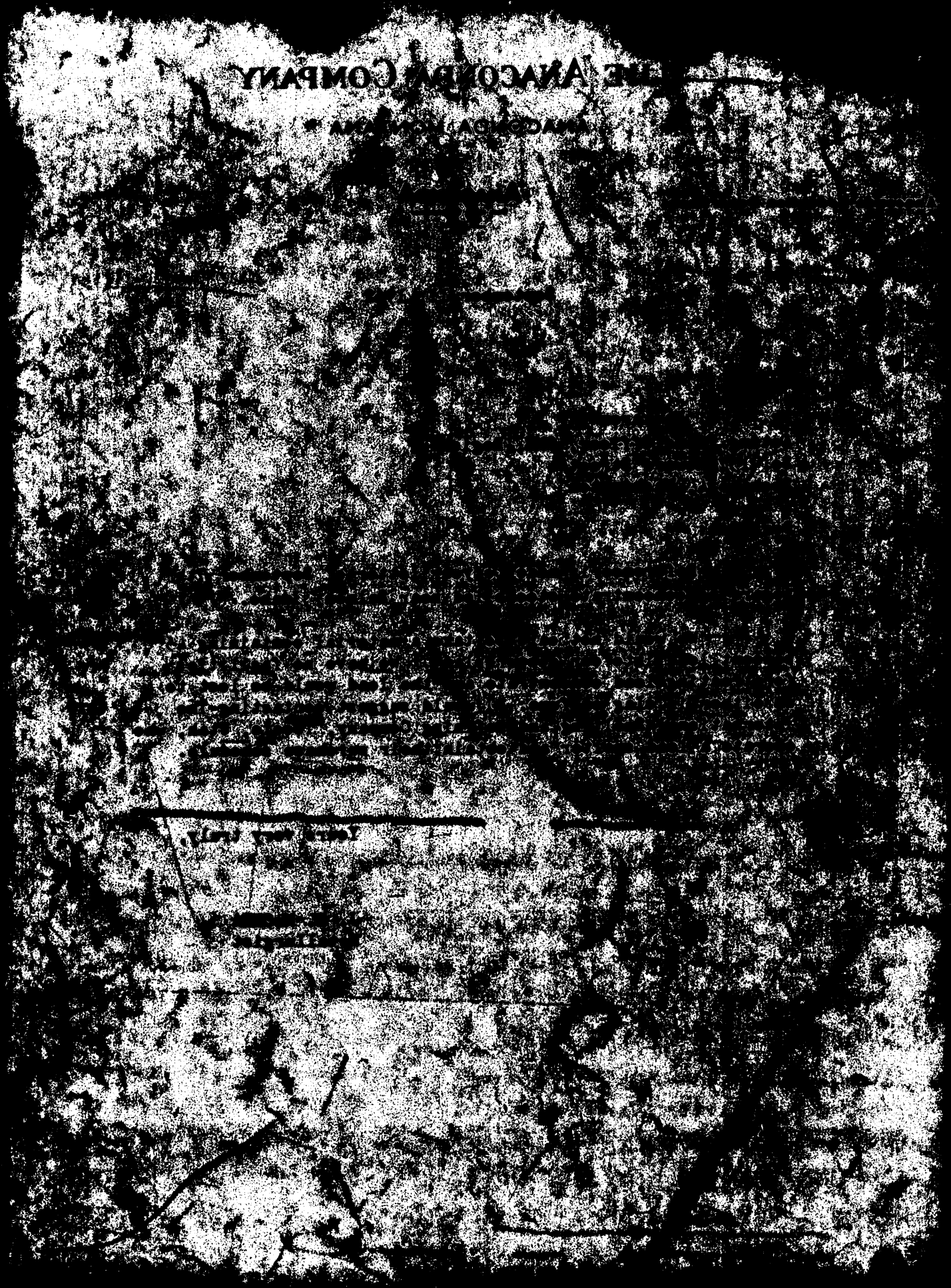
We would not care to take a material containing 45 percent lead into our copper plant. We have no facilities for treating lead concentrate and the lead would be lost to us either in slag or fume. I would suggest contacting The International Smelting and Refining Company, Tooele, Utah, who operate a lead smelter and obtain their purchase schedule.

Yours very truly,

J. E. McCUNE
Metallurgist

JEMcC:ac

SEP 12 1942



THE BUNKER HILL COMPANY

BOX 29, KELLOGG, IDAHO

METALLURGICAL DIVISION
Kellogg

Sept. 10, 1962

Mr. O. [illegible] MacLaren
Acting Field Office, OME
Region I
Sou 157 Howard St.
Spokane 4, Wash.

Dear Mr. MacLaren:

In reply to your letter of September 7th regarding 12 tons of concentrates having an estimated grade of 45 percent lead and 15 percent copper, we would not ordinarily accept concentrates of this grade. The copper content is too high for regular feed to the system and would have to be pre-treated in some way to reduce the copper content.

We will accept the 12 tons of concentrates and process it under the terms of the enclosed Domestic Open Schedule. The net value to the shipper, F.O.B. Bradley, Idaho, would be as follows:

45% lead @ 91% @ ($.095 - .02)		$ 61.425
Less: Base Treatment	$18.000	
Labor charge	1.061	19.061
Net value per short ton F.O.B. Bradley, Idaho		$ 42.364

Please remember that we could not accept a regular production of this grade of concentrates and we are making an exception in this case because of the small tonnage involved.

Very truly yours,
THE BUNKER HILL COMPANY

Metallurgical Analyst

khsell
Encl: Schedule
cc AYB

DOMESTIC

Smelter — Open Schedule — July 1, 1959

Payments:

Gold: If .03 ozs. and under 3.0 ozs., pay for 100% @ $31.81825.
3.0 ozs. or over, pay for 100% @ $ 32.81825.

Silver: If 1.0 oz. or over, pay for 95% @ applicable quotation.

Lead: If 2.5% and under 25.0%, pay for 90%) of Wet assay @ New York quotation,
25.0% and under 50.0%, pay for 91%) less 2¢ per pound.
50.0% or over, pay for 92%)

Zinc: If 2.5% or over, pay for 50% @ 25% of E. St. Louis quotation.

Quotation: Average for calendar month following date of receipt.

Deductions:

Base: $18.00 per short dry ton. Based on 50.0% Wet Lead. Credit lead over 50% @ 10¢ per unit.

Silver: If Government quotation used, charge 1/2¢ per oz. silver paid for.
If Handy & Harman quot. used, charge 1¢ per oz. silver paid for.
Charge over 50.0 ozs. per ton paid for @ 1-1/2¢ per ounce

Arsenic: Charge over 1.0% @ $1.00 per unit.

Bismuth: Charge over 0.1% of Wet Lead @ 50¢ per pound.

Sulphur: Charge over 16.0% @ 10¢ per unit.

Moisture: Charge over 10.0% @ 20¢ per unit.

Labor: Base hourly labor rate $2.5889. Charge or credit 8¢ for each 1¢ increase or decrease in labor rate.

Freight: Base New York freight rate $28.62. Any change in rate or tax thereon for Seller's account. Figured on lead pounds paid for.

Payment: 80% on agreement of weights & assays. Final payment when settlement quotations are determined.

Delivery: F. O. B. Bunker Hill Smelter, Kellogg, Idaho.

BUNKER HILL SMELTER

Freight Address: Bradley, Idaho
Post Office Address: Box 29
Kellogg, Idaho

July 1, 1959

GENERAL CLAUSES COVERING ORE PURCHASE SCHEDULES

WEIGHTS AND SAMPLES

All settlements shall be made on the basis of weights and samples taken by the Company.

REPRESENTATION:

Representation is urged and welcomed. Every shipper is urged, especially for his initial shipment to be represented in person or by a member of his company while the shipment is being weighed and sampled. In lieu of this, the services of an independent professional representative are available. Because of limited storage space for individual shipments, it is impractical to hold shipments intact until assays and settlements are completed. The company, therefore, reserves the right to comingle all shipments immediately upon completion of weighing and sampling.

ASSAYS:

Every shipper shall, without delay, deliver to the Smelter, his assay certificates on the samples taken by the Smelter. These assays shall be compared with those of the Smelter, observing the usual splitting limits. If no assays are received from the shipper the Smelter's assays will be considered the settlement assays. In case of disagreement of assays, a sample may be sent to umpire. The umpire's assays shall be final if within the limits of the two parties and, if not, the assays of the party nearer to the umpire shall prevail. The party whose results are farther from the umpire assays shall pay costs of umpire.

DATE OF ARRIVAL:

For rail shipments, the day (until 3:00 p.m.) that the Union Pacific delivers, or constructively places, the car on our Smelter highline track, will be the "date of receipt." Cars so placed after 3:00 p.m. will be considered as received the next day. When several cars are grouped together into one settlement lot, the date of receipt of the last car will be considered the date of receipt of the entire lot for settlement purposes.

For truck shipments, the "date of receipt" will be the date on the written notification from the shipper that the lot is completed.

Since the Ore Receiving Department does not work on that day, the "date of receipt" for any deliveries on Sunday will be Monday.

HAND SAMPLES:

Before actually making shipment, it is required that prospective shippers submit to the company a small, thoroughly representative sample of two or three pounds for assay and quotation.

SMALL SHIPMENTS:

All lots of less than 5 tons (dry weight) are subject to an additional charge for sampling and assaying of $10.00 per lot.

ADVICES AND SHIPMENTS:

Shippers shall notify the Smelter promptly at time of shipment, advising number of lots in car (if more than one lot) and giving instructions as to how remittance is to be made. [illegible] Consign shipments to The Bunker Hill Company, Lead Smelter, Bradley, Idaho. Mail [illegible] Box 29, Kellogg, [illegible]

So. 157 Howard Street
Spokane 4, Washington
September 7, 1962

OFFICIAL FILE COPY

9/10 800 500 200 220

DMEE-3879

American Smelting and Refining Company
Tacoma Smelter
P. O. Box 1605
Tacoma 1, Washington

Gentlemen:

As successor agency to the Defense Minerals Exploration Administration, the Office of Minerals Exploration is responsible for the collection of royalty on production sold by certain former DMEA contractors.

Nearly a year ago, one operator stated that he had stockpiled about ten miles from Salmon, Idaho, an estimated 12 tons of concentrates having an estimated grade of 45 percent lead and 15 percent copper. He further stated this material was "too high in copper to ship at this time to a lead smelter." While this statement may be correct, we would appreciate knowing whether or not you would accept material of this indicated grade and, if so, about what it would be worth to the seller.

Sincerely yours,

D. R. MacLaren
Acting Field Officer, OME
Region I

DRMacLaren:my

cc: OME
CPF
Reading copies to:
Nolan
McKelvey

So. 157 Howard Street
Spokane 4, Washington
September 7, 1962

OFFICIAL FILE COPY
O. M. E
RECEIVED SEP 10 1962
CODE
9/10 [illegible] 800
500
220

The Anaconda Company
Anaconda Sampler
Anaconda, Montana

DMEA-3879

Gentlemen:

As successor agency to the Defense Minerals Exploration Administration, the Office of Minerals Exploration is responsible for the collection of royalty on production sold by certain former DMEA contractors.

Nearly a year ago, one operator stated that he had stockpiled about ten miles from Salmon, Idaho, an estimated 12 tons of concentrates having an estimated grade of 45 percent lead and 15 percent copper. He further stated this material was "too high in copper to ship at this time to a lead smelter." While this statement may be correct, we would appreciate knowing whether or not you would accept material of this indicated grade and, if so, about what it would be worth to the seller.

Sincerely yours,

D. R. MacLaren
Acting Field Officer, OME
Region I

DRMacLaren:my

cc: OME
CPF
Reading copies to
Nolan
McKelvey

So. 157 Howard Street
Spokane 4, Washington
September 7, 1962

OFFICIAL FILE COPY
O. M. E
RECEIVED SEP 10 1962
CODE
9/10 800
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Bunker Hill Smelter
Kellogg, Idaho

DM 8a-3879

Gentlemen:

As successor agency to the Defense Minerals Exploration Administration, the Office of Minerals Exploration is responsible for the collection of royalty on production sold by certain former DMEA contractors.

Nearly a year ago, one operator stated that he had stockpiled about ten miles from Salmon, Idaho, an estimated 12 tons of concentrates having an estimated grade of 45 percent lead and 15 percent copper. He further stated this material was "too high in copper to ship at this time to a lead smelter." While this statement may be correct, we would appreciate knowing whether or not you would accept material of this indicated grade and, if so, about what it would be worth to the seller.

Sincerely yours,

D. R. MacLaren
Acting Field Officer, OME
Region I

DRMacLaren:my

cc: OME
CPF
Reading copies to
Nolan
McKelvey

9/10 800
500
920

So. 157 Howard Street
Spokane 4, Washington
September 7, 1962

American Smelting and Refining Company
East Helena Plant
East Helena, Montana

DM&A 3879

Gentlemen:

As successor agency to the Defense Minerals Exploration Administration, the Office of Minerals Exploration is responsible for the collection of royalty on production sold by certain former DMEA contractors.

Nearly a year ago, one operator stated that he had stockpiled about ten miles from Salmon, Idaho, an estimated 12 tons of concentrates having an estimated grade of 45 percent lead and 15 percent copper. He further stated this material was "too high in copper to ship at this time to a lead smelter." While this statement may be correct, we would appreciate knowing whether or not you would accept material of this indicated grade and, if so, about what it would be worth to the seller.

Sincerely yours,

D. R. MacLaren
Acting Field Officer, OME
Region I

DRMacLaren:my

cc: OME(2)
CFF
Reading copies to:
Nolan
McKelvey

So. 157 Howard Street
Spokane 4, Washington
September 7, 1962

OFFICIAL FILE COPY
O. M. E
RECEIVED SEP 10 1962

DATE		CODE
9/10		800
"	~~Eliminated~~	500
		210

Mr. Edmund G. Wilson, President
Idaho Consolidated Mines, Inc.
4109 Arcade Building
Seattle 1, Washington

Re: DMEA-3879 ~~(Lead-Zinc)~~
Idaho Consolidated Mines, Inc.
Twin Peaks Mine
Lemhi County, Idaho
Contract Idm-E895

Dear Mr. Wilson:

When I visited the Twin Peaks mine July 21, 1961, L. B. Fisher, Manager, stated that there were then about 10 tons of concentrates on hand and that he planned to concentrate another 10 tons and start shipping in August, 1961.

dry powder Called 9/10

On December 8, 1961, you returned MMS Form 63, in which you stated that since April 1, 1961, you had shipped 18,901 tons to the A.S.& R. smelter at East Helena and estimated that about 12 tons of concentrates with an estimated grade of 45 percent lead and 15 percent copper were in the bins. On the back of the form you stated, "Stockpiled concentrates indicated are too high in copper to ship at this time to a lead smelter."

Royalty has been paid on the above shipment, but we find it difficult to believe that concentrates of such a grade are not marketable. In order to bring our records up to date, will you please advise us whether there has been any production from the land described in Annex I of the above-cited contract since December 8, 1961. If so, and it was shipped, kindly give the name and address of the purchaser, the quantity, and the value. If stockpiled awaiting sale, please state the quantity, estimated grade, and location. Your attention is directed to Articles 6(d) and 7(d) of the contract.

A prompt reply will be greatly appreciated.

Sincerely yours,

D. R. MacLaren
Acting Field Officer, OME
Region I

DRMacLaren:mr
cc: OME(R)
OME

Re: DMEA - 3879

Note last par. of Fisher's 6/8/01 royalty audit. Opr. advised him of plans to ship copper concentrate to AS&R's Tacoma plant.

Talbot
8/9/02

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
		500
8/9	Talbot	800
	Oy Lane	130
8/9	Johnson	110
8/9	Franck	100
		220

Memorandum

AUG 9 1962

To: Acting Field Officer, Region I

From: Acting Chief, Division of Field Operations

Subject: DMEA-3879 (Lead-Zinc)
Idaho Consolidated Mines, Inc.
Twin Peaks Mine
Lemhi County, Idaho
Contract Idm-E895

On December 8, 1961, the Operator returned a Form 63 to you in which he estimated 12 tons of concentrate in mine bins with a presumed grade of 45 percent lead and 15 percent copper. The Form 63 also carried the notation "stockpiled concentrates indicated are too high in copper to ship at this time, to a lead smelter."

We find it difficult to believe that a product of this sort is not marketable and, if so, we desire to invoke the "unsold production" clause of the contract (Article 7(d)) to force a liquidation of royalty due.

We note that on July 28, 1961, you wrote us of visiting the property and stated that these people planned to produce another 10 tons of concentrate and start shipping again in August. Apparently this was not done.

Therefore, would you please make inquiries of the AS&R Tacoma copper smelter and the Bunker Hill lead smelter to find out if either would accept material of the indicated grade and, if so, about what could be realized. Thereafter, assuming the product is marketable, kindly make a reasonable valuation of the stockpiled concentrate and make a formal demand upon the Operator for royalty payment.

Obviously, if you consider there is a reasonable liklihood that mine and mill operation may be resumed at this property in a short time, you may let the matter lie. We have no desire to be arbitrary or unreasonable but we cannot let pending matters like this drag on forever or we would, quite properly, be subject to censure.

W. R. Griswold

WRGriswold/hb (8/9/62)
cc to: Docket DMEA-3879
Director's Reading File
CA&A Division
Review Committee
Code 500

43683

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
So. 157 Howard Street
Spokane 4, Washington
July 28, 1961

OFFICIAL FILE COPY
O. M. E.
RECEIVED AUG 7 1961

DATE	INITIALS	CODE
8/8	[illegible]	100
8/7	[illegible]	110
8/8	[illegible]	800
		~~500~~
"	Returned	500
		220

Memorandum

To: Chief, Division of Field Operations

From: Acting Chief Officer, Region I

Subject: Royalty inspection
DMEA-3879 (Lead-Zinc)
Idaho Consolidated Mines, Inc.
Twin Peaks Mine
Lemhi County, Idaho
Contract Idm-E895

The Twin Peaks mine was visited July 21, 1961. L. B. Fisher, Manager, was interviewed. About 55.77 tons of concentrate were shipped to East Helena between June 1, 1959, and April 24, 1961, on which royalty has been paid. No shipments have been made since April 24, 1961. There are presently about 10 tons of concentrates on hand. Mr. Fisher plans to concentrate another 10 tons and start shipping again in August.

D R MacLaren
D. R. MacLaren

OMC

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

DATE	INITIALS	
7-14	gad	VVO
7/14	Jacq	800
	Original	100
		100
		7-10

So. 157 Howard Street
Spokane 4, Washington
July 12, 1961

Mr. Edmund G. Wilson, President
Idaho Consolidated Mines, Inc.
4109 Arcade Building
Seattle 1, Washington

Re: IDSA-5979 (Lead-Zinc)
Twin Peaks Mine
Lemhi County, Idaho
Contract IDm-2895

Dear Mr. Wilson:

There is enclosed for your information and files a copy of a Royalty Audit Report and Certificate dated June 8, 1961, pertaining to the sale of lead concentrates for the period August 1, 1959, through May 15, 1961, produced from Twin Peaks Mine located in Lemhi County, Idaho, under the terms of the above-referenced contract dated November 10, 1955.

Sincerely yours,

D. R. MacLaren
Acting Field Officer, OME
Region I

Enclosure
MLSmelser:mls
cc: Fiscal Section, Div. of Admin. Services
Office of the Secretary w/orig. Royalty Audit Report and Certificate

CA&A Div., OME
OME
Reading copies to:
Nolan
Hobbs
Guild

~~505~~
220

555 Battery Street
San Francisco 11, California

May 19, 1961

Memorandum

To: E. D. Talbert, Chief, Contract Administration and Audit Division, Office of Minerals Exploration, Washington, D. C.

From: C. E. Fischer, Auditor

Subject: Royalty Audits, Region I

Enclosed herewith are rough drafts of royalty audit reports and certificates for the following:

Docket No.	Contract No.	Name
DMEA-3666	Idm-E 804	Twin Sisters Magnesium and Chrome Corp.
DMEA-3879	Idm-E 895	Idaho Consolidated Mines, Inc.

Also enclosed are engineer check sheets and my audit work papers, and copies of settlement sheets relating to sales by Idaho Consolidated; these were obtained during the audit. I have informed Mr. MacLaren that he need not send copies of these settlement sheets to Washington, and that I am asking you to have these placed in our Docket File.

C. E. Fischer

Enclosures

AMERICAN SMELTING AND REFINING CO.

EAST HELENA PLANT

East Helena, Mont., June 1, 1959, 19

Bought of Idaho Consolidated Mining Co. Mine Twin Peaks Our Lot No. 030

Class Concts. Shipping Point Salmon, Idaho Mine Lot No. 1

Quotations of Mk. Incldg. Silver .91375 Lead 12.0 Custom Wire Bar Smelter Cathode Copper 31.225

ASSAYS	GOLD Oz. per ton	SILVER Oz. per ton	Wet Lead Per Cent	COPPER Per Cent	INSOL Per Cent	IRON Per Cent	Manganese Per Cent	Sulphur Per Cent	ZINC Per Cent	ARSENIC Per Cent	Antimony Per Cent	Bismuth Per Cent	LIME Per Cent
A. S. & R. Co.	0.030	21.8	44.2	4.90	14.0	12.0			1.4	0.50	0.08		0.1
Shipper	0.030	22.2	44.2	5.00									
Umpire													
Settlement	0.030	22.0	44.2	4.95	14.0	12.0			1.4	0.50	0.08		0.1

Car Number	Weight
Truck	19780

VALUES PER TON		
Gold	100% @ $1.81825	.95
Silver 98%	@ .91375 1.0	18.89
Lead Less	1.5 99% 12.0-2.0	76.86
Copper, Less	1.0 $1.225 9.0	17.56
		114.26
Less Total Deduction		7.73

DEDUCTIONS PER TON		
Base for 20 Dry Lead	10.00	
Over " "	2.27	
		7.73
Insoluble	% @	
Zinc	% @	
Arsenic	% @	
Antimony	% @	
Bismuth	% @	
Debit		
Iron	Lbs. @	
Total Deductions		7.73

Weight of Lot

Weight of Sacks

Wet Weight

Less Moisture 7.0 % 1385

Dry Weight 18395

Pounds @ 106.53 Per Ton $ 979.01

Freight Per Wet Ton @	$	
Hauling Per Wet Ton @ 18.00 Lindburg Truck Line Mackay, Idaho	$	178.02
Bullion frt. on 7796 28.77 ton $112.15	$	
Less " " on 7796 26.97 ton $105.13		7.02
Goodalls	$	13.00
Advances	$	
Umpire	$	
Sampling When Less Than 10 Tons	$	5.00
TOTAL $		203.04
NET PROCEEDS $		775.97

Date of B/L

Date of Arrival 5/14/59

Checked

Contract

Rates except on contract, subject to change without notice.

A minimum charge of $5.00 made on all lots under 10 dry tons.

FORM NO. A-31

AMERICAN SMELTING AND REFINING CO.

EAST HELENA PLANT

East Helena, Mont. June 9, 1959, 19

Bought of Idaho Consolidated Mng. Co. Mine Twin Peaks Our Lot No. 630

Class Concs. Shipping Point Salmon, Idaho Mine Lot No. 1

Quotations of Silver Lead Wire Bar Cathode Copper

ASSAYS	GOLD Oz. per ton	SILVER Oz. per ton	Wet Lead Per Cent	COPPER Per Cent	INSOL Per Cent	IRON Per Cent	Manganese Per Cent	Sulphur Per Cent	ZINC Per Cent	ARSENIC Per Cent	Antimony Per Cent	Bismuth Per Cent	LIME Per Cent
A. S. & R. Co.													
Umpire													
Authorized													

Refund on Bullion freight due to reduction of bullion freight rate per ton from $28.77 per ton to $26.97 per ton, effective April 10, 1959 Reed pts.

Car Number	Weight
Weight of Lot	
Weight of	Sacks
Net Weight	
Less Moisture	%
Dry Weight	

VALUES PER TON		
Gold	●	
Silver 99%	●	
Lead Less 99%	●	
Copper, Less	●	
Less Total Deduction		
Pounds	●	Per Ton $

DEDUCTIONS PER TON		
Base for % Lead		
Insoluble	% ●	
Zinc	% ●	
Arsenic	% ●	
Antimony	% ●	
Bismuth	% ●	
Debit		
Iron	Lbs. ●	
Total Deductions		

Freight Per Wet Ton ●	$	
Hauling Per Wet Ton ●	$	
Royalty	$	
Bullion freight refund	$ 7.02	
Advances	$	
Umpire	$	
Sampling When Less Than 10 Tons	$	
TOTAL	$ 7.02	$ 7.02
NET PROCEEDS		$

Date of S/L

Date of Arrival 5/11/59

Checked

Correct

Rates except on contract, subject to change without notice.

A minimum charge of $5.00 made on all lots under 10 dry tons.

FORM NO. A-31

AMERICAN SMELTING AND REFINING CO.

EAST HELENA PLANT

East Helena, Mont., July 28, 1959, 19

Bought of Idaho Consolidated Mng. Co. Mine Twin Peaks Our Lot No. 913

Class Conc. Shipping Point Salmon, Idaho Mine Lot No. 2

Quotations of Wks.Avg. Silver .91375 Lead 12.0 Onsto Wire Bar Smelter Copper 28.725

ASSAYS	GOLD Oz. per ton	SILVER Oz. per ton	Wet Lead Per Cent	COPPER Per Cent	INSOL Per Cent	IRON Per Cent	Manganese Per Cent	Sulphur Per Cent	ZINC Per Cent	ARSENIC Per Cent	Antimony Per Cent	Bismuth Per Cent	LIME Per Cent
A. S. & R. Co.	0.010	20.5	45.0	3.50					1.7				
Shipper	0.020	20.8	45.2	3.60									
Umpire													
Settlement	0.015	20.65	45.1	3.55					1.7				

Car Number	Weight	VALUES PER TON			DEDUCTIONS PER TON		
Truck		Gold			Base for 20 Days	Lead 10.00	
50651	21060	Silver 99%	@.91375-1.0	17.73	Over " "	2.36	
		Lead Less 1.5 99%	@2.0-2.0	78.18			
		Copper, Less 1.0	@28.725-9.0	10.06			
				106.27			
							7.64
					Insoluble % @		
					Zinc % @		
					Arsenic % @		
					Antimony % @		
Weight of Lot					Bismuth % @		
Weight of Sacks					Debit		
Wet Weight					Iron Lbs. @		
Less Moisture 5.6 %	1179	Less Total Deduction		7.64	Total Deductions		7.64
Dry Weight	19881	Pounds @		98.63	Per Ton		$ 980.43

	Freight Per Wet Ton @	$	
	Hauling Per Wet Ton @ 18.00 Lindburg Truck Lines, Mackay, Idaho	$ 189.54	
	Royalty	$	
	Goodalls	13.00	
Date of B/L		$	
Date of Arrival 7/14/59	Advances	$	
Checked	Umpire	$	
Certified	Sampling When Less Than 10 Tons	$ 5.00	
	TOTAL	$ 207.54	$ 207.54
	NET PROCEEDS		772.89

Rates except on contract, subject to change without notice.

A minimum charge of $5.00 made on all lots under 10 dry tons.

FORM NO. A-31

AMERICAN SMELTING AND REFINING CO.

EAST HELENA PLANT

East Helena, Mont., [illegible], 19

Bought of [illegible] Mine [illegible] Our Lot No. [illegible]

Place [illegible] Shipping Point [illegible] Mine Lot No. 1

Quotations of [illegible] Silver [illegible] Lead [illegible] Copper [illegible]

ASSAYS	GOLD Oz. per Ton	SILVER Oz. per Ton	Wet Lead Per Cent	COPPER Per Cent	INSOL. Per Cent	IRON Per Cent	Manganese Per Cent	Sulphur Per Cent	ZINC Per Cent	ARSENIC Per Cent	Antimony Per Cent	Bismuth Per Cent	LIME Per Cent
A. S. & R. Co.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]		[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]		[illegible]

Car Number [illegible]

DEDUCTIONS PER TON

Base for [illegible] Lead	[illegible]
[illegible]	[illegible]
	6.75
Insoluble	[illegible]
Zinc	[illegible]
Arsenic	[illegible]
Antimony	[illegible]
Bismuth	[illegible]
Debit	
Iron	[illegible]
Total Deductions	6.75
Per Ton	$ [illegible]

Weight of [illegible]

Weight of [illegible]

Wet Weight

Less Moisture [illegible]

Dry Weight [illegible]

Freight Per Wet Ton	$	
Hauling Per Wet Ton	$ [illegible]	[illegible]
Royalty	$	
[illegible]		[illegible]
	$	
Date of B/L	$	
Date of Arrival [illegible]	Advances	$
Checked	Umpire	$
Correct	Sampling When Less Than 10 Tons	$

TOTAL $ [illegible] $ 542.56

NET PROCEEDS $ 2,570.96

Rates except on contract, subject to change without notice.

A minimum charge of [illegible] made on all lots under 10 dry tons.

AMERICAN MELTING & REFINING CO.
EAST HELENA PLANT
EAST HELENA, MONTANA

4 95

APR 1961

Form No. 1

Shipper: Idaho Consolidated Mines, Inc.
Mine: Rattlesnake
Class: Conc. Shipping Point: Salmon, Idaho.
Smelter Lot. No. 491 Mine Lot No: 1

Truck 82 20590

Assays	Gold Oz. Per Ton	Silver Oz. Per Ton	Wet Lead	Copper %	Zinc %	Arsenic %	Antimony %	Bismuth %
A.S.& R.Co.	0.010	23.6	48.7	6.5	1.2	0.15	0.25	
Shipper	0.020	24.0	49.2	6.7				
Umpire								
Settlement	0.015	23.8	48.95	6.6	1.2	0.15	0.25	

Assay Deduction	Percent Pay	METAL	Wk. Including Pay Quotation	Quotation Deduction
		Gold		
	95%	Silver	.91375	.010
1.5	90%	Lead	.1100	.022
1.0	100%	Custom Copper Smelter	.2835	.090

H_2O	Wet Weight	Dry Weight	Dry Tons	Wet Tons
82.00	20,590	18,901	9,450	10,295
	20,590	18,901	9,450	10,295

Date of Arrival: 4-7-61

Settlement Assay		Total Content	Assay Ded.		Percent Pay		Pay Content	Pay Quotation	Quot. Ded.	Net to Shipper
1.50	Gold	.14					.00			.00
2,380.00	Silver	224.93			95.00		213.68	913.75	10.00	193.11
4,895.00	Lead	9,252.34	150.00		90.00		8,071.94	110.00	22.00	710.33
660.00	Copper	1,247.51	100.00		100.00		1,058.49	283.50	90.00	204.82

Base charge 20 Dry Pb. $10.00
Over 20 Dry Pb. 2.75
$7.25

Dry Tons X Total Contract Deductions $7.25	ST 6	9,450.81 S	7.25	1,108.28 S 68.52 ◇
Sampling $5.00				5.00
Lbs. of Pb (Pay Content)		8,072.00		
Lbs. of Cu. (Pay Content)		1,058.00		
Tons of Pb & Cu X Bullion Frt. Act. $27.17	PR	4,565.00 PR	27.17	124.03 ◇
Tons of Pb & Cu X Bullion Frt. Cont. $26.97		4,565.00	26.97	123.12
Sub-Total				1,033.83 S
Wet tons X Frt. Rate	ST 5			
Sub-Total				
Advances				
Hauling $18.00 ton Lindberg Truck Lines Mackay, Idaho	ST 5	10,295.00 S	18.00	185.31 ◇
Umpires				
Bordells control charge $13.00				13.00 ◇
Net Proceeds				835.52 *

ME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
4/28	Talbert	800
	Ingersoll	500
4/28	[illegible]	130
"	Johnson	110
		220

APR 2 8 1961

Memorandum

To: Acting Field Officer, Region I

From: Chief, Division of Field Operations

Subject: DMEA-5879 (Lead-Zinc)
Idaho Consolidated Mines, Inc.
Twin Peaks Mine
Lemhi County, Idaho
Contract Idm-E895

Your April 26 memorandum furnishes a resume' of your efforts to collect royalty and obtain copies of settlement sheets from the subject Operator. You also indicate concurrence in my suggestion that the Washington office assume the collection effort.

Inasmuch as a royalty audit of this contract is on Mr. Fisher's agenda for his visit to Region I, we are deferring our collection effort pending receipt of the audit findings.

/s/ George C. Selfridge

(245)

EDTalbert/ama
April 28, 1961

Copy to: Docket
Director's Reading File
CA & A Division
Review Committee
Mr. Fisher

43683

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
So. 157 Howard Street
Spokane 4, Washington
April 26, 1961

OFFICIAL FILE COPY
O. M. E.
RECEIVED APR 28 1961

DATE	INITIALS	CODE
4/28	gad	VVO
4/28	[illegible]	800
		500

Air Mail

Memorandum

To: Chief, Division of Field Operations

From: Acting Field Officer, Region I

Subject: DMEA-3879 (Lead-Zinc)
Idaho Consolidated Mines, Inc.
Twin Peaks Mine
Lemhi County, Idaho
Contract Idm-E895

In reference to your memorandum of April 4, 1961, regarding the status of our efforts to collect royalty due the Government on production from the subject Operator, we have received no reply to our letter of April 11, 1961, in which we advised Edmund G. Wilson, president of the company, that if we did not receive payment within 15 days we would have no recourse other than to refer the matter to your office.

We wrote to the Operator requesting information regarding the shipments of ore since September 10, 1957, and requesting payment of any royalties that might be due the Government August 17, 1960, October 18, 1960, January 18, 1961 (Certified Mail, R.R.R.), and finally April 11, 1961. We also sent him a Request for Information Form September 21, 1960. No reply was received to any of these requests.

In addition, E. A. Magill, U. S. Bureau of Mines, Seattle, Washington, talked to Mr. Wilson on the telephone December 6, 1960, at which time Mr. Wilson said he had not seen any of our requests; he was under the impression that royalty in the amount of $180.00 had been paid by the AS&R Smelter in Helena and that he would take care of the royalty payments. (See Magill's letter*of December 7, 1960, Thermofax copies of which we sent you December 8, 1960.) Magill again interviewed Mr. Wilson February 17, 1961, at which time Mr. Wilson assured him that royalties on the next shipment would be paid by the smelter and that he would make sure that the back royalties would be paid up in the next 30 days. That period elapsed March 9, 1961.

*memorandum

Regarding payment of DMEA royalties by the AS&R Smelter in Helena your attention is directed to the second and third paragraphs of our memorandum of December 8, 1960.

As we are unable to get any response from Mr. Wilson, I agree that the Washington office should assume the collection effort.

D R MacLaren

D. R. MacLaren

OFFICIAL FILE COPY
O. M. E
RECEIVED APR 13 1961

DATE	INITIALS	CODE
4-13	gad	220
4-13	[illegible]	800
"	[illegible]	500
		220

Rm. 137 Russell Street
Spokane 4, Washington
April 11, 1961

Mr. Edward G. Wilson, President
Idaho Consolidated Mines, Inc.
4109 Arcade Building
Seattle 1, Washington

Re: [illegible]-3879 (Lead-Zinc)
Twin Peaks Mine
Lemhi County, Idaho
Contract [illegible]-2895

Dear Mr. Wilson:

We wrote you August 17, 1960, October 18, 1960, and January 18, 1961, regarding unpaid royalty on shipments of concentrates from the Twin Peaks mine since your letter of October 7, 1959.

At our request R. A. Hagill of the U. S. Bureau of Mines talked to you regarding this matter on December 7, 1960, and on February 20, 1961. During your first talk with Mr. Hagill you promised to send us copies of the settlement sheets with payment of royalty then due, and during your second talk with him you promised to pay the back royalty "in the next 30 days."

To date, we have not received a reply to any of our letters nor have we received the royalty payment accompanied by copies of appropriate settlement sheets as required by the terms of the [illegible] contract. You should send two legible copies of the settlement sheets or one legible and reproducible copy.

The Office of Minerals Exploration is responsible for the collection of royalties due on [illegible] contracts, and we cannot postpone this matter indefinitely. If we do not receive payment within 15 days of the date of this letter, we will have no recourse other than to refer this matter to our Washington, D. C. office for whatever action they may deem it advisable to take.

Sincerely yours,

D. R. MacLaren
Acting Field Officer, OME
Region 7

cc: [illegible] (3) [illegible]
Director
Reg. Geol.

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
4/4	Talbert	800
	Trumbl	500
4/4	Selfridge	130
"	Johnson	110
4/4	gad	220

APR 4 1961

Memorandum

To: Acting Field Officer, Region I

From: Chief, Division of Field Operations

Subject: DMEA-3879 (Lead-Zinc)
Idaho Consolidated Mines, Inc.
Twin Peaks Mine
Lemhi County, Idaho
Contract Idm-E895

We note that Mr. Magill's February 20 memorandum states that the subject Operator promised on February 17 both that royalty would be deducted by the smelter on an expected shipment of concentrates and that back royalty, delinquent since prior to July 1960, would be paid within 30 days. We have no record of receipt of either the delinquent or current royalty.

Your advice as to the present status of this matter will be appreciated. In view of your several requests for payment, it appears that the Washington office should assume the collection effort.

George C. Selfridge

EDTalbert/ama
April 4, 1961

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

43683

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
43 Federal Bldg.,
Seattle 4, Wash.
February 20,1961

OFFICIAL FILE COPY
O. M. E
RECEIVED FEB 23 1961

DATE	INITIALS	CODE
2/23	gad	220
2/24	[illegible]	800
"	[illegible]	500
	Received	
		220

Memorandum

To: Dr R. MacLaren, Field Officer, OME, Region I

From: E. A. Magill, Mining Engineer, Seattle, Washington

Subject: DMEA-5879 (Lead-Zinc)
Idaho Consolidated Mines, Inc.
Twin Peaks Mine
Lemhi County, Idaho
Contract Idm-E895

In reply to your letter of February 16th on royalty from the Twin Peaks Mine.

I called Mr. Wilson on the phone last Friday at at his suggestion he came down to the office. He has been over at the mine for the last month or so, that is the reason (of course thats a poor excuse) why he had not replied to your letter. The reason why the royalty hasn't been paid is that they don't have the money at the moment.

However they are working and now have the mill in running condition and plan to commence a steady operation. Dewey B. Fisher has been hired as mine and mill superintendent.

They expect to make a shipment of concentrates to East Helena within the next two weeks. Mr. Wilson said that he would see that royalties were taken out at the smelter and would make sure that the back royalties were paid up in the next 30 days. So I suggest that he be given 30 days to see if he comes through. Undoubtly they were caught short of money on the last shipment when the smelter didn't take out the royalty as they had previously. By the time they realized the smelter hadn't taken out the royalty the money had already been spent.

I would be glad to give Mr. Wilson a call again in 30 days if necessary.

RECEIVED
FEB 21 1961

E. A. Magill

Mre (3)

OFFICIAL FILE COPY
O. M. E
RECEIVED FEB 21 1961

DATE	INITIALS	CODE
N-V1	gad	V V0
2/21	[illegible]	800
"	[illegible]	500
		220

Sa. 157 Howard Street
Spokane 4, Washington
February 16, 1961

Memorandum

To: S. A. Magill, Mining Engineer, Seattle, Washington

From: D. N. Maclaren
Acting Field Officer, OME, Region X

Subject: MMA-3879 (Lead-Zinc)
Idaho Consolidated Mines, Inc.
Twin Peaks Mine
Lemhi County, Idaho
Contract Ida-2895

Referring to the final paragraph of your memorandum of December 7, 1960, we wrote Edward G. Wilson, President, a reminder on January 18, 1961. Our last letter was sent Certified Mail--Return Receipt Requested--and was received by Percy Locke on January 19, 1961. We have heard nothing from Mr. Wilson since you talked to him December 6, 1960.

Will you please give him a call and remind him that he has owed this royalty since prior to July 1960--nearly 8 months. If I do not hear from him in a week or so after you remind him, I will write him again one last time before asking D.C. to take over.

Many thanks and best regards.

cc: OME(3)
Director
Room. Genl.
MMM
CFF

one (3)

OFFICIAL FILE COPY
O. M. E.
RECEIVED JAN 23 1961

DATE	INITIALS	CODE
1-23	gad	VVO
		800
"	Received	500
		220

So. 157 Howard Street
Spokane 4, Washington
January 18, 1961

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Edmund S. Wilson, President
Idaho Consolidated Mines, Inc.
4109 Arcade Building
Seattle 1, Washington

Re: DMEA-3879 (Lead-Zinc)
Twin Peaks Mine
Lemhi County, Idaho
Contract Idm-8895

Dear Mr. Wilson:

In your letter of October 7, 1959, you advised us "when the smelter strike is over we will have shipment of concentrates of several thousand dollars from which there will be more payments as royalties on the above contract."

When I was in Idaho early in June, I stopped at the Twin Peaks mine and was advised that some shipments had already been made and that mining operations were continuing. I wrote you August 17, 1960, and again October 18, 1960, regarding this matter of royalties. As I received no reply, I requested E. A. Magill of the U. S. Bureau of Mines to call on you, which he did December 6, 1960.

Mr. Magill advised us that you did not receive my prior letters and that you promised to send us copies of the settlement sheets with payment of royalty of about $180.00. We have not heard anything further from you.

Your prompt attention to this matter will be greatly appreciated.

Sincerely yours,

D. R. MacLaren
Acting Field Officer, OME
Region I

cc: OME(3);Director BLM
CFF Econ. Geol.

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
So. 157 Howard Street
Spokane 4, Washington
December 8, 1960

OFFICIAL FILE COPY
O. M. E
RECEIVED DEC 13 1960
DATE
12-8
12/14
gad
VVO
800
500
220

Memorandum

To: Chief, Division of Field Operations

From: Acting Field Officer, Region I

Subject: DMEA-3879 (Lead-Zinc)
Idaho Consolidated Mines, Inc.
Twin Peaks Mine
Lemhi County, Idaho
Contract Idm-E895

In further reference to your memorandum of November 21, 1960, and my reply of November 29, there are enclosed three Thermofax copies of a memorandum dated December 7, 1960, from E. A. Magill, Bureau of Mines, Seattle, Washington.

An undated note, signed by M. C. Williams, Settlement Officer, East Helena Smelter, American Smelting and Refining Company, attached to settlement sheets dated January 20, 1959, and made out to January Mine-Johnson Lease (DMEA-2260, Pohl-Hogan, January Mine, Broadwater County, Montana, Contract Idm-E246) notified us that the East Helena Smelter would no longer pay royalties for the shipper.

To clarify the terse note the Executive Officer wrote to Mr. Williams on February 4, 1959; copies of his letter and a reply from S. M. Lane, Manager, dated February 10, 1959, were sent you.

Apparently, the smelter did not so notify Edmund G. Wilson of Idaho Consolidated Mines, Inc., of their change in policy, and Mr. Wilson failed to note that the settlement sheets did not indicate that any deductions had been made. However, it is difficult to understand how he missed any letters.

If I do not receive a royalty payment within a couple of weeks, I will write to Mr. Wilson again.

D. R. MacLaren

D. R. MacLaren

Enclosures
cc: CPF
Director
Econ. Geol.
B&FM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
45 Federal Bldg.
Seattle 4, Wash.
December 7, 1960

Memorandum

To: D. R. MacLaren, Field Officer, GSE, Region I

From: E. A. Magill, Mining Engineer, Seattle, Wash.

Subject: Idaho Consolidated Mines Inc., Lemhi, County, Idaho
Contract Ida-2893

I visited the office of the subject company yesterday but Mr. Wilson was out, however he called me on the phone late yesterday afternoon.

He claimed that he had not seen the letters you have written to him but seemed very cordial and willing to take care of the royalty payments. Apparently he has been over at the mine a great deal of the time trying to get it into production. They have changed their mill circuit and plan to soon start producing a copper concentrate from some other portion of the mine where they have recently been doing some development work.

Mr. Wilson said shipments had consisted of two truckloads of concentrates and the royalty due the Government amounted to about $150. These two shipments were made prior to July and that none have been made since then, but hope to start shipping again in the near future.

One of the reasons that royalty payments had not been made was that the shipments before the last two, were made to U. S. Smelting and the royalty was taken out by the smelter. The last two shipments in question were to East Helena and the smelter didn't take out the royalty.

Mr. Wilson promised to have copies made of the settlement sheets and forward them to you with the royalty due. If you do not receive them with an appropriate length of time let me know and I will be glad to contact him again.

E. A. Magill

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
So. 157 Howard Street
Spokane 4, Washington
November 29, 1960

OFFICIAL FILE COPY
O. M. E
RECEIVED DEC 1 1960

DATE	INITIALS	CODE
12-1	gad	220
12/1	[illegible]	800
"	[illegible]	500
		220

Air Mail

Memorandum

To: Chief, Division of Field Operations

From: Acting Field Officer, Region I

Subject: DMEA-3879 (Lead-Zinc)
Idaho Consolidated Mines, Inc.
Twin Peaks Mine
Lemhi County, Idaho
Contract Idm-E895

In reference to your memorandum of November 21, 1960, regarding the lack of replies to our letters to the subject Operator, E. A. Magill, Bureau of Mines, Seattle, Washington, will be in Spokane the latter part of this week. I will ask him to call on this company when he returns to Seattle. I will keep you informed of the results.

It is very strange that we have not heard from the Operator, as his last letter, dated October 7, 1959, was certainly cordial enough, and readily volunteered to give us data on assays of concentrates and to send us a "scale sketch" of a raise from the 1300 drift to the No. 2 level which was driven after the close of the contract.

D R MacLaren
D. R. MacLaren

cc: CPF
Director
Econ. Geol.
B&FM

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
11/21	Aronoff	500
11/21	Selfridge	800
11/21	GCL	130
"	Johnson	110
11-21	gad	220

NOV 21 1960

Memorandum

To: Acting Field Officer, Region I

From: Chief, Division of Field Operations

Subject: IMEA-3879 (Lead-Zinc)
Idaho Consolidated Mines, Inc.
Twin Peaks Mine
Lemhi County, Idaho
Contract Idm-E895

We presume you have had no reply to your October 18 letter to the Operator regarding royalty matters. It seems a little strange that these people will not even answer your letters.

Perhaps the most logical next step would be for you to request E. A. Magill, Bureau of Mines, at Seattle, to call at the office of this company and make pertinent inquiries, obtaining copies of pertinent settlement sheets, if possible.

/s/ George C. Selfridge

WRGriswold/gla
11-21-60
cc to: Director's Reading File
Review Committee
Docket
Chron

43683

(Mc 12)

OFFICIAL FILE COPY
O. M. E.
RECEIVED OCT 20 1960

DATE	INITIALS	CODE
10-20	gad	VWO
10/20	[illegible]	800
"	[illegible]	500
		220

So. 157 Howard Street
Spokane 4, Washington
October 18, 1960

Idaho Consolidated Mines, Inc.
4109 Arcade Building
Seattle 1, Washington

Re: Docket No. DMRA-3879 ~~(Lead-Zinc)~~
Twin Peaks Mine
Lemhi County, Idaho
Contract No. Idm-E895

Gentlemen:

In your letter of October 7, 1959, you advised us "when the smelter strike is over we will have shipment of concentrates of several thousand dollars from which there will be more payments as royalties on the above contract."

When I was in Idaho early in June, I stopped at the Twin Peaks mine and was advised that some shipments had already been made and that mining operations were continuing. I wrote you August 17, 1960, regarding this matter of royalties. As yet we have received no reply and have received no royalty payments since September 23, 1957.

We would appreciate an early reply advising us whether or not settlement has been made on any shipments of ore or concentrates since September 23, 1957, and, if so, when we may expect to receive royalty.

Sincerely yours,

D. R. Maclaren
Acting Field Officer, OME
Region I

cc: OME(2)
CASA Div., OME
CPF
DRF

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
10/14	Fraser	500
10/14	Talbert	800
10/14	GCS	130
"	Johnson	110
10-14	gad	220

OCT 14 1960

Memorandum

To: Acting Field Officer, Region I

From: Chief, Division of Field Operations

Subject: D MEA-3879 (Lead-Zinc)
Idaho Consolidated Mines, Inc.
Twin Peaks Mine
Lemhi County, Idaho
Contract Idm-E895

On August 17, 1960, you wrote this company regarding royalty matters. If you have not yet received a reply, will you please write them a follow-up letter.

/s/ George C. Selfridge

WRGriswold/gla
10-14-60
cc to: Director's Reading File
Review Committee
CA&A Division
Code 500
Docket
Chron

OFFICIAL FILE COPY
O. M. E.
RECEIVED AUG 22 1960

DATE	INITIALS	CODE
8-22	gad	220
8/22	[illegible]	800
"	Brewster	500
		225

So. 157 Howard Street
Spokane 4, Washington
August 17, 1960

Mr. Edmund G. Wilson
Idaho Consolidated Mines, Inc.
4109 Arcade Building
Seattle 1, Washington

Re: Docket No. DMEA-3879 (Lead-Zinc)
Twin Peaks Mine
Lemhi County, Idaho
Contract No. Idm-2895

Dear Mr. Wilson:

In your letter of October 7, 1959, you advised us "when the smelter strike is over we will have shipment of concentrates of several thousand dollars from which there will be more payments as royalties on the above contract."

When I was in Idaho early in June, I stopped at the Twin Peaks mine and was advised that some shipments had already been made and that mining operations were continuing.

We would appreciate it if you would advise us whether or not settlement has been made and, if so, when we may expect to receive royalty.

Sincerely yours,

D. R. MacLaren
Acting Field Officer, OME
Region I

cc: OME(5)
CPF
DRF

OFFICE FILE COPY
O. M. E.
RECEIVED FEB 5 1959

DATE	INITIALS	CODE
2/5	J. G.	325
2/5	[illegible]	500

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

February 4, 1959

Re: DMEA 3879; Contract Idm-E895
Idaho Consolidated Mines, Inc.
Twin Peaks Mine
Lemhi County, Idaho

Memorandum

To: W. R. Griswold, OME

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

Subject: Review of field team conclusions and field examiners report on DMEA 3879, dated January 15, 1959

The completed exploration project consisted of 5 diamond drill AX holes totaling 1,170 feet and 10 long holes totaling 406 feet in depth with samples. Since the mineralization found was low in both grade and volume, Stage II providing for 300 feet of drifting, crosscutting or raising was not undertaken.

The discussion, maps, sections and assays amply support the field examiners conclusions that the results were not conclusive and that ore may exist on the Last Hope Vein. On the other hand, the work done was not encouraging and there appears no reason to believe that further work would lead to important discoveries.

O. M. Bishop

O. M. Bishop

Copy to: Division of Minerals
Mr. Kiilsgaard
Mr. Lamb
Branch of Base Metals
F I L E S

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
So. 157 Howard Street
Spokane 4, Washington
January 15, 1959

OFFICIAL FILE COPY
O. M. E.
RECEIVED JAN 26 1959

DATE	INITIALS	CODE
1/26	C	220
1/26		180
1/30		130
1-30	C	220
2-3	alh.	500

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

Re: Docket No. DMEA-3879 (Lead-Zinc)
Idaho Consolidated Mines, Inc.
Twin Peaks Mine
Lemhi County, Idaho
Contract No. Idm-E895

Dear Mr. Selfridge:

Enclosed are three copies of a Field Team final report on this project.

The completed work comprised 1,170 feet of diamond drilling, 406 feet of long-hole drilling, and the assaying of 25 samples for gold, silver, copper, and lead. The total cost of the project was $7,279.50, of which the Government's share was 50 percent or $3,639.75. A pseudo-certification was made in Article 3(d) of Amendment No. 2.

It is concluded that further exploration with Government funds is not warranted unless new targets are discovered. However, because of poor core recovery in the vein zone and the inherent difficulty of interpreting diamond drilling results from narrow, high-grade veins, the drilling is not conclusive and the ore shoot on the Last Hope vein could be more extensive than evidenced by the drilling. Therefore additional exploration of the Last Hope vein between the No. 2 and No. 3 adits by the Operator is warranted.

By Field Team, Region I

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

Thomas E. Howard
for: Wing G. Agnew, Member
U. S. Bureau of Mines

Reviewed by
OME OPERATING COMMITTEE
1-30-59
(date)

Enclosures
cc: USBM(2)
USGS(SRO)
MacLaren

DEPARTMENT OF THE INTERIOR

OFFICE OF MINERALS EXPLORATION

FIELD TEAM, REGION I

OFFICIAL FILE COPY
O. M. E.
RECEIVED JAN 26 1959

DATE	INITIALS	CODE
1/30	[illegible]	130
		220

FINAL REPORT

Contract Idm-E895

by

William M. Romischer
Mining Engineer
U. W. Bureau of Mines

D. R. MacLaren
Geologist
U. S. Geological Survey

IDAHO CONSOLIDATED MINES, INC.
4109 Arcade Building
Seattle 1, Washington

Docket No.:	DMEA-3879
Commodity:	Lead-Zinc
Contract date:	November 10, 1935
Termination date:	December 10, 1937

Reviewed by
OME OPERATING COMMITTEE
1-30-59
(date)

TWIN PEAKS MINE
Unorganized Mining District
Lemhi County, Idaho

Spokane, Washington

January 1959

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FINAL REPORT

IDAHO CONSOLIDATED MINES, INC.
Twin Peaks Mine
Unorganized Mining District
Lemhi County, Idaho
Contract Idm-E895

* * * *

INTRODUCTION

This report describes a project conducted jointly by the Defense Minerals Exploration Administration and Idaho Consolidated Mines, Inc., to explore for lead-zinc ore at the Twin Peaks mine, Lemhi County, Idaho.

Summary

The project work completed consisted of 5 diamond drill holes aggregating 1,170 feet of AX size core drilling, 10 long holes aggregating 406 feet of drilling, and 25 samples assayed for gold, silver, copper, and lead.

The total cost of the work was $7,279.50, of which the Government's participation was 50 percent or $3,639.75.

Only Stage I work was completed. Mineralization encountered by the work performed was low in grade, scattered, and in small shoots. Because of the disappointing results of Stage I, Stage II work was not authorized by the Government. The contract was automatically terminated on December 10, 1957, under the provisions of Amendment No. 2.

Recommendations

A pseudo-certification was made in Article 3(d) of Amendment No. 2, dated August 9, 1957. No further exploration with Government participation is warranted unless new geologic targets are discovered.

LOCATION AND ACCESSIBILITY

The Twin Peaks mine is on Rattlesnake Creek about 20 miles south of Salmon in secs. 20 and 29, T. 19 N., R. 21 E. Boise meridian, Lemhi County, Idaho. The property can be reached from Salmon by traveling about 18 miles south on Highway 93, crossing the Salmon River over a steel bridge near Rattlesnake Creek, and continuing westerly on 3.5 miles of mountain road up Rattlesnake Creek and its tributary, Corral Creek, to the Twin Peaks mine (fig. 1). The access dirt road to the mine is passable to ordinary vehicles, but its upper portion is rocky, rough, and crooked.

The mine camp is at an altitude of about 5,800 feet in moderately wooded mountainous terrain. Winters are severe with moderate snowfall. Snow removal, especially in the vicinity of the mine, is necessary about 3-4 months of the year in order to keep the mine accessible for year-round operation.

PROPERTY

The property which is known as the Twin Peaks group of mining claims consists of 14 unpatented lode claims and 2 mill sites. The lode claims and mill sites are owned by Idaho Consolidated Mines, Inc., and are recorded in the office of the Recorder of Lemhi County, Salmon, Idaho.

A list of the claims and the book and page on which each is recorded is:

Claim	Book	Page
Spare Time No. 1	4	556
No. 2	4	557
No. 3	4	558
No. 4	4	559
No. 5	4	560
No. 6	4	561
No. 7	4	562
No. 9	4	563
No. 10	4	564
No. 11	5	567
No. 12	5	568
No. 13	5	569
No. 14	5	570
Spare Time Independent Claim No. 6	4	565
Spare Time Mill Site No. 1	4	555
Spare Time Mill Site No. 2	4	556

History and Production

The Twin Peaks mine is in an unorganized mining district, and no official record of the production is available. The mine production has been sporadic and small. The following information is credited to E. G. Wilson, president of the Idaho Consolidated Mines, Inc.

The property was located by Charles Kapp of Salmon, Idaho, in 1928 or 1929, at which time some hand-sorted ore was reported to have been shipped by Mr. Hill and Fred Verle of Salmon, Idaho.

Mr. Farnsworth and Associates of American Brass leased the property in 1938 or 1939 and commenced driving an adit at the approximate site of the present No. 3 adit portal. Mr. Farnsworth died before the adit was advanced very far and shortly after that the project was abandoned.

The No. 1 adit (incline) was sunk to a depth of 150-160 feet some time after the lease reverted to the owner. In April 1944 Percy Goodwin obtained a lease on the property, and in the following October subleased it to Messrs. McLean, St. Clair, and Schulemberger of Salmon, Idaho, and Spokane, Washington, who are reported to have mined about $3,500 worth of ore.

The Twin Peaks Mine, Inc., a Washington corporation, was formed on April 25, 1945, and leased the property. A bridge was built across the Salmon River and the access road to the mine up Rattlesnake Creek was improved. At this time the No. 1 adit was deepened, the No. 2 adit was driven, and a pilot mill was built. It is reported that during 1946 about 56 tons of concentrate assaying 60 percent lead were shipped. No record is available to show the tonnage and grade of the mill heads.

In the fall of 1946 the property was leased to Idaho Consolidated Mines, Inc., and in 1949 the mine was subleased to Ivan Taylor and Floyd Sherry of Mackay, Idaho. Several hundred tons of stockpiled ore was reported to have been milled and shipped by these lessees in addition to an unknown tonnage of newly mined ore.

Some time during 1953 Idaho Consolidated Mines, Inc., acquired possession and clear title to the property according to a letter dated December 12, 1953, from Edmund G. Wilson, President, to the stockholders.

The No. 3 adit was driven in 1950 and 1951. A fire destroyed the surface installations in 1952. It was reported that during this period 12-15 tons of concentrate were produced, but the best information available indicates that only 2.5 tons were shipped to the smelter. No record of the tonnage and grade of the mill heads is available.

Construction of a new mill and surface plant was begun in 1953 and completed in September 1954.

Surface Facilities

The surface facilities of the company consist of a bunkhouse in good repair, a change house, a compressor house, and a flotation mill with a capacity of 100-150 tons per day.

Equipment at the mine consists of a 315 cubic foot Worthington compressor, a 75 kw G. M. diesel motor generator, and a battery locomotive complete with charger. The mill is powered by a 100 kw Atlas diesel motor generator. The crushing unit has a capacity of 30 tons per hour and consists of a Pacific jaw crusher, a Kuken gyro-crusher, and vibrating screens. The fine-grinding unit consists of a 4½-foot by 40-inch Hardinge conical mill and an 18-foot Dorr double rake classifier. Other equipment includes a conditioning tank, an automatic reagent feeder, eleven 25-inch by 25-inch flotation cells with individual drive motors, a 2-disk 4-foot American filter, all complete with the necessary accessory equipment. A bulk copper-lead concentrate is floated.

Description of Mine Workings

The mine has been developed by three main workings: the No. 1 adit, which is actually an inclined shaft approximately 320 feet long down the dip of the beds, the No. 2 adit which consists of about 1,000 feet of drifts and crosscuts, and the No. 3 adit, which consists of about 2,220 feet of drift and crosscut. There are about six places in the mine where some stoping has been done. The No. 1 and No. 2 adits are connected, but there is no connection between the No. 2 and No. 3 adits, which are approximately 320 feet apart vertically (pls. 1 and 2).

The altitude at the portal of the No. 1 (incline) adit is about 6,250 feet; that at the portal of the No. 2 adit is about 6,130 feet; and that at the portal of No. 3 adit is about 5,810 feet.

Approximately 1,000 feet northwest of the portal of No. 3 adit there is an adit known as the "copper working." This is said to be the original discovery. This working was not examined as it had no direct bearing on the present exploration project.

Timbering is only necessary where the ground is faulted and broken. Much of the ground mined during the period the contract was in effect was left open and untimbered. Natural ventilation is adequate on the two upper levels, but the workings on the No. 3 adit need mechanical ventilation. To ventilate working places on this level compressed air was used. A small fan installed near the portal was used to remove the foul air and fumes from blasting. All mine drainage is removed by gravity.

GEOLOGY

The geology of the general area has been described by the following:

Umpleby, Joseph B., Geology and ore deposits of Lemhi County, Idaho, U. S. Geol. Survey Bull. 528, 1913

Ross, C. P., Geology and ore deposits of the Casto quadrangle, Idaho, U. S. Geol. Survey Bull. 854, 1934

_____, Geology and ore deposits of the Bayhorse Region, Custer County, Idaho, U. S. Geol. Survey Bull. 877, 1937

The Twin Peaks mine is the subject of a report by Herdlick and Shaeffer in the U. S. Bureau of Mines files, and the geology of the mine area is described by Robert B. Starr in a Master's thesis at Cornell University. The mine and local geology is described by A. E. Weissenborn and H. B. Nickelson, Geologists, U. S. Geological Survey, in an examination report in Docket No. DMEA-3879 (Idaho Consolidated Mines, Inc. - Twin Peaks mine). Much of the following has been taken from these sources.

Rocks in the area are for the most part Precambrian phyllites and quartzites which have been unconformably overlain by Challis volcanics of Tertiary age. Starr has named the metasedimentary rocks the "Twin Peaks quartzite" within which he has distinguished three rock units: a lower foliate sericitic quartzite which he calls the "Light Phyllite member"; a middle massive white quartzite; and an upper phyllite with intercalated quartzite which he terms the "Dark Phyllite member." Except for a short distance near the portal of the No. 3 adit, all the mine workings are in the "Dark Phyllite member."

In the No. 3 adit the contact between the dark phyllite and the massive white quartzite is now obscured by timering, but Starr has mapped it as a fault contact. However, the general concordance of the bedding in the phyllite and the quartzite, the fact that the frequency of quartzite beds within the phyllite increases as the contact is approached, and the position of the contact on the surface all suggest that the apparent faulting is a local feature and that the contact is essentially conformable. North of the mine the massive white quartzite pinches out against the light phyllite and the light and dark phyllites are in contact. The straight contact between the massive white quartzite and the underlying light phyllite in this area strongly suggests a fault contact.

In appearance and lithology the "Light Phyllite member" which is outside the mine area is similar to some of the rocks of the Yellowjacket formation mapped by Ross (1934, p. 16). The massive white quartzite which, according to Starr, has a stratigraphic thickness up to 600 feet is markedly similar to the Hoodoo quartzite of the Casto quadrangle and may well be its correlative. Ross regards both the Yellowjacket and the overlying Hoodoo as part of the Precambrian Belt series (1934, p. 18). Except for the intercalated quartzite which occurs most abundantly near its base, the dark phyllite is very similar in appearance to the Garden Creek phyllite of the Bayhorse area which has been tentatively assigned to the Cambrian by Ross (1937, p. 12). Regional mapping would be required to establish whether any of these possible correlations are valid.

About 1,500 feet southwest of the portal of the No. 3 adit the metasediments are unconformably overlain by Challis volcanics of Tertiary age. Starr has mapped a small patch of Challis volcanics directly over the mine workings.

The geologic structure is simple in the mine area. The metasedimentary beds form a homocline which strikes about N. 20° E. and dips from 40° to 50° northwesterly. The metasediments have been cut by a number of east-west and northwest-trending faults. In two places where they pass into the Challis volcanics, these faults appear to be pre-Tertiary as they do not offset the phyllite-Challis contact. Displacement does not appear to exceed 200 feet except possibly on the northwest fault which cuts out the massive white quartzite north of the mine. None of these faults have been recognized in the mine workings although detailed mine mapping has shown numerous faults of small displacement.

In the Twin Peaks mine disseminations of pyrite, galena, and chalcopyrite are found in numerous places, but with few exceptions minable deposits are found only as bedding veins and bedding replacements in the phyllite, usually in a quartz gangue. In most places the mineralization accompanied minor bedding plane movement. Two main bedding plane veins are exposed in the mine workings and a number of other similar but weaker and less distinct ones can be recognized in the workings and the drill holes (pls. 1 and 2).

The bedding veins have been offset by a series of faults that strike northwesterly and dip 35°-85° SE. They appear to be mostly normal faults with only slight displacement which was not observed to exceed about 15 feet. On the No. 2 adit level near the No. 1 winze two nearly east-west faults appear to cut off a main bedding vein. As the offset segments of the vein have not been found, the amount of movement is not known; the two faults were not disclosed by detailed mapping on the No. 3 adit level; therefore it is unlikely that the movement was very great.

The phyllite has also been cut by several dikes and sills which vary in thickness from a few inches to several feet. They are not always readily distinguishable from faults, especially where they have a thickness of only a few inches as they have been intruded along pre-existing faults along which there has been some post-intrusive movement. Identification is made more difficult by the fact that almost everywhere the dikes and sills have been altered to a whitish or greenish mud, much resembling fault gouge. Almost invariably there are some ore minerals disseminated in the wall rock adjacent to the dikes and locally small pods of galena and chalcopyrite have been mined from the walls. The two best bedding veins are in the area where the dikes and sills are most numerous, strongly suggesting that the mineral-rich solutions may have come in along the dikes from which they may have been introduced into the bedding veins.

THE PROJECT

Bedding plane veins are the principal ore-bearing structures exposed in the mine workings at the Twin Peaks mine. No. 10 stope occurs near the west end of No. 2 adit. No. 1300, 1400, 1500, 1525, and 1600 stopes occur at the west end of No. 3 adit (pl. 1). Possible extensions of the mineralization from these stopes between adits No. 2 and 3 were the targets for exploration.

The applicant submitted an exploration program in 1955 in which he proposed an aggregate of 1,000 feet of drifting, crosscutting, and raising at a cost of $38,500. The drift and crosscut were to be on the No. 3 adit level. The raise was to be driven from the No. 3 adit level to the No. 2. The purpose of the drifting and crosscutting was not clear, nor did the raise at its proposed location appear to follow any particular structure. The raise would prospect to some extent between the two adits and it would improve the ventilation for there was no connection between the two levels, but it was considered to be at an unfavorable location to prospect the target.

Examinations of the property were made by DMEA representatives and from their recommendations, together with those of the Washington office, a more modest exploration project was recommended.

The work was to be done in two stages upon a fixed unit cost basis. Upon the completion of Stage I, if in the opinion of the Government the results should indicate the advisability of further exploration work and upon advance written approval of the Government, the work under Stage II was to be undertaken.

Stage I:

1. Diamond drill not to exceed 1,200 feet of minimum AX size up holes from the No. 3 adit level.

2. Drill not to exceed 500 feet of long-hole drilling from the No. 3 adit level.

3. Not to exceed 60 samples shall be assayed for copper, gold, silver, and lead.

Stage II:

1. Drift, crosscut and/or raise not more than 300 feet on the No. 3 adit level.

2. Where necessary, place not to exceed 100 feet of timbering.

3. Not to exceed 40 samples shall be assayed for copper, gold, silver, and lead.

The estimated total cost of the project was $17,370 and the Government's participation at 50 percent was $8,685.

The contract, dated November 10, 1955, was signed by the Operator. Contract work was to begin on or before January 1, 1956, and to be completed on or before November 1, 1956, except as otherwise provided in the contract with respect to Stage II.

The project work was started about the middle of December 1955. Before Stage I could be completed, two recesses had been granted and two time extensions had been authorized.

By the end of January 1956, 5 long holes aggregating 250 feet were completed. Another 50-foot hole was completed in May 1957. These holes were drilled from the No. 3 adit level in the vicinity of the 1525, 1400, and 1300 stopes (pl. 1) to search for lateral extensions of the structures exposed in the stopes. Long Holes No. 1, 3, 4, 5, and 6 all yielded cuttings containing some lead-copper-zinc sulfides, but only Hole No. 5 penetrated ground with sufficient mineralization to encourage the Operator to do some exploration at his own expense. Here a short crosscut was driven that exposed a low-grade zone of chalcopyrite, pyrite, and galena, on which the Operator later raised. This zone yielded 10.052 dry tons of concentrate having an average content of 0.025

lot 1 ?

ounce gold and 19.68 ounces silver per ton, 5.50 percent copper, 30.5 percent lead, and 0.4 percent zinc. No record was kept of the tonnage and grade of the mill heads.

A diamond drilling contract was negotiated with R. V. Campbell, Salmon, Idaho, and drilling commenced April 11, 1956, at an approved DMEA drill site on the No. 3 adit level about 1,100 feet in from the portal (pl. 1). Three up holes, No. 1, 2, and 3, were drilled from this site. A fourth hole (No. 5), an up hole, was drilled from the crosscut to the 1300 stope. Diamond Drill Holes No. 1 and 2 penetrated weakly mineralized iron-stained fault material where they cut the principal target, the Last Hope vein. DDH No. 2 cut 2.6 feet that averaged 0.8 ounce silver per ton and 1.4 percent lead at a horizon 10-15 feet below the projected position of the vein in the winze. DDH's No. 3 and 5 are reported to be in entirely barren ground (table 1).

The Operator at his own expense drilled two diamond drill holes, No. 4 and 6, which were also reported to be in barren ground.

Because of heavy runoff from melting snow near the end of May 1956, the access road to the property at the lower end was washed out. The bridge over the Salmon River near Rattlesnake Creek was destroyed by high water early in the following month. It was then necessary to use a row boat to cross the river. This made the property almost inaccessible during the winter months. A steel bridge across the Salmon River to take the place of the one destroyed was completed and open for traffic about the latter part of March 1957.

The DMEA contract work at this property was resumed in August 1957 when authorized long holing was started from the 970 drift southeast (pl. 1) to explore a chalcopyrite-galena-bearing zone which was followed by a drift and was stoped at the Operator's own expense. Five long holes, No. 7, 8, 9, 10, and 11, the last at the Operator's expense, were completed from this drift. All the long holes penetrated low-grade zones of pyrite and chalcopyrite that included a few stringers of high-grade galena. Unselective mining in the 970 drift area, according to the Operator, yielded about 400 tons of mill feed that assayed a trace in gold, 0.2 ounce silver per ton, 0.13 percent copper, 0.2 percent lead, and no zinc. This material was all treated in the Operator's 100-ton flotation mill where a copper-lead concentrate was made. The concentrate and a head sample were shipped to the Bunker Hill smelter at Kellogg, Idaho. The smelter settlement showed that 11.911 dry tons of concentrate assayed 0.0125 ounce gold and 8.05 ounces silver per ton, 5.3 percent copper, 8.6 percent lead, and no zinc. The results from the above test revealed the mineralized zone to be of too low grade to be mined. A small tonnage of ore grade material might have been extracted if the Operator had used selective mining.

Table 1.--Summary of diamond drill data

Hole No.	Collar location	Length of hole	Dip of hole	Direction of hole	Remarks
1	DMEA drill site	317'	+60°	N.88°W.	No significant mineralization
2	DMEA drill site	313'	+56°	S.48°W.	Cut 2.6 feet of low-grade mineralization at 212-214.6 feet. Assays: Au, tr.; Ag, 0.803 oz/ton; Pb, 1.4%; and Cu, 0.48%
3	DMEA drill site	317'	+45°	N.67°W.	No significant mineralization. Hole caved and bit lost at end of hole
4	West end of No. 3 adit (non-DMEA)	210'	+18½°	S.75°W.	Hole penetrated barren ground
5	Near south end of crosscut to 1300 stope	103'	+20½°	S.23°W.	Hole penetrated barren ground
6	Approx. 57 ft. north of Hole No. 5 in crosscut to 1300 stope (non-DMEA)	70'	+19½°	S.55°W.	Hole penetrated barren ground
7	Near west end of No. 2 adit	120'	-70°	S.18°W.	Cut 1.9 feet of low-grade lead ore at 82.1-84.0 feet. Weighted assay of core: Ag, 2.18 oz/ton and Pb, 5.73%

Up to this time the results from the exploration work had been very poor and the Operator was reluctant to attempt more diamond drilling. It was evident by this time that the best chance for finding ore was to diamond drill the extension of the Last Hope vein below the high-grade ore shoot on the 200 level. It was feasible to do this drilling from the 200 level since the Operator had rehabilitated it at his own expense. Consequently, DDH No. 7 (fifth DMEA hole) was drilled from near the west end of the No. 2 level and down plunge from the ore shoot above; the hole was completed November 16, 1957.

The core from DDH No. 7 did not look encouraging, but assays obtained later showed that the vein had been cut, and although narrow, was well mineralized.

Intercept (feet)	Au oz/ton	Ag oz/ton	Cu %	Pb %	Zn %
81.0-82.1 core	Tr	0.5	0.0	0.8	--
82.1-82.3 core	0.02	9.7	Tr	19.3	--
82.3-83.2 core	Tr	2.0	Tr	5.5	--
83.2-84.0 core	Tr	0.5	Tr	2.6	--
84.0-87.0 core	Tr	Tr	0.12	0.0	--
87.0-90.0 core	Tr	0.15	0.08	0.2	--
84.0-87.0 sludge	Tr	Tr	0.12	Tr	--
87.0-90.0 sludge	Tr	0.15	0.18	0.4	--

The interval from 82.1 to 84.0 feet was sampled. The assay indicates a vein 1.9 feet wide containing 2.18 ounces silver per ton and 5.73 percent lead. However, DDH No. 2 from the No. 3 adit level was directed toward the same general location but encountered only iron-stained fault material in the core where the vein should have been. This would indicate that if there should be any tonnage of ore-grade material in the vein cut by DDH No. 7, it would be small.

DDH No. 7 completed Stage I of the exploration project.

Amendment No. 1, dated December 12, 1956, provided for a recess from November 1, 1956, to June 1, 1957, and extended the time for completion from November 1, 1956, to November 10, 1957. The period for the payment of the Government's royalty was extended from 10 to 11 years.

Amendment No. 2, dated August 9, 1957, further extended the recess from June 1, 1957, to September 15, 1957, and fixed December 10, 1957, as the date for the completion of the work.

Summary of Factual Data

Work under Stage I was the only part of the contract completed.

Work under Stages I and II was on a fixed unit cost basis for all items.

The allowable costs of the project were:

Stage I

Item	Authorized	Completed	Unit cost	Total cost
Diamond drilling AX holes	1,200 ft.	1,170 ft.	$5.80	$6,786.00
Long-hole drilling	500 ft.	406 ft.	1.00	406.00
Samples assayed for copper, gold, silver, and lead	60 ea.	25 ea.	3.50	87.50
Total cost				$7,279.50

Stage II (not started)

Total amount of contract	$17,370.00
Government's participation at 50 percent	8,685.00
Total amount expended	$ 7,279.50
Government's participation at 50 percent	3,639.75
Total amount unexpended	$10,090.50
Government's share unexpended	5,045.25

During the period the contract was active 21.963 dry tons of copper-lead concentrate containing 8,179 pounds lead, 2,367 pounds zinc, 293.71 ounces silver, and 0.4 ounce gold were produced. The gross value of this production was $801.92 and the Government received $40.10 in royalty.

Discussion of Conclusions

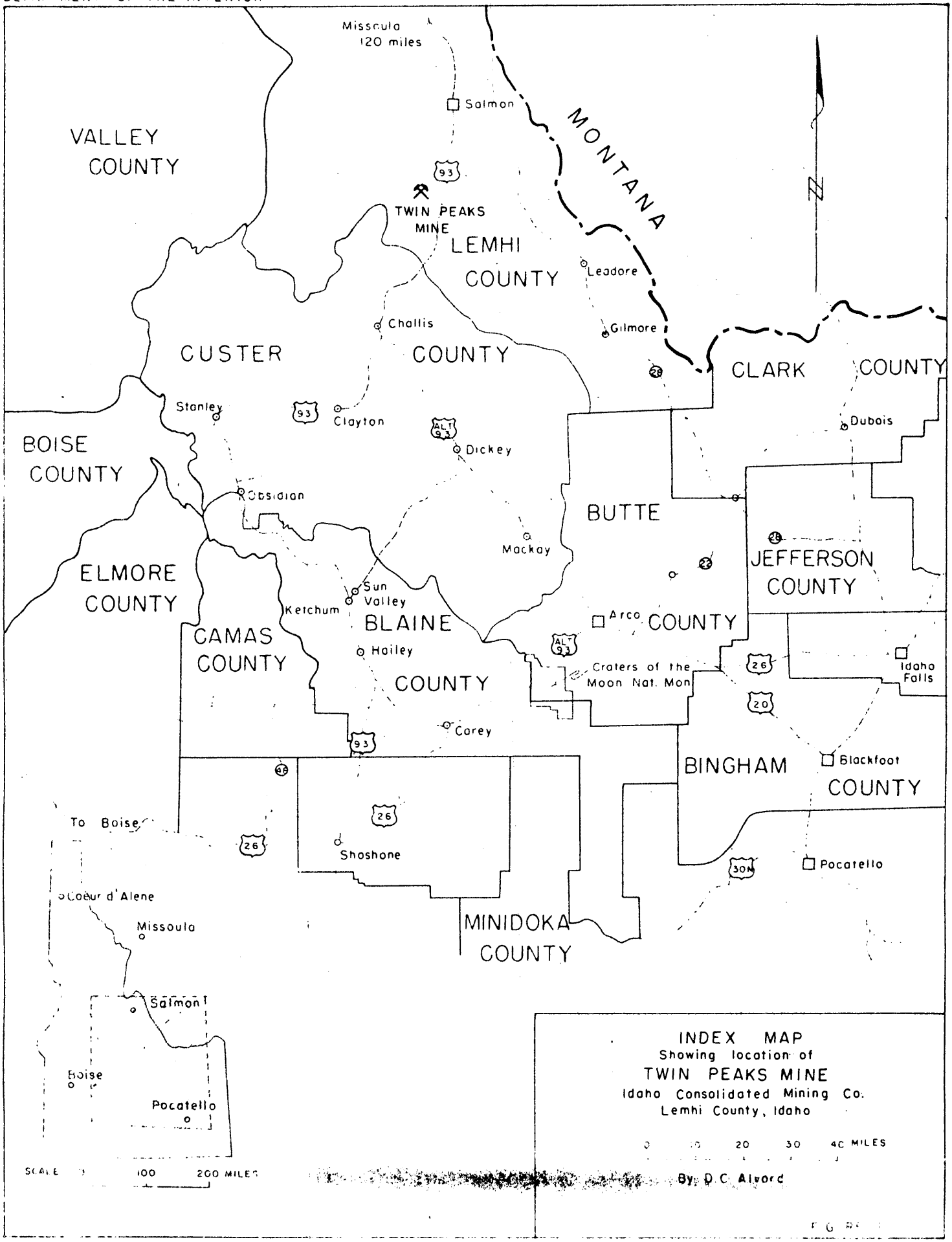
The work performed and the rate of progress were considered satisfactory. The washing out of the lower end of the access road and the destruction of the bridge over the Salmon River near Rattlesnake Creek, caused by high water in the Salmon River during the spring of 1956, isolated the mine from the adjoining region, especially during the winter months. This slowed up the contract work immensely.

The exploration work done, both under the DMEA contract and by the Operator at his own expense, revealed erratic and irregular areas of low-grade mineralization. The better grade mineralization, is confined to bedding veins, particularly the Last Hope vein; diamond drilling indicates that the ore in this vein occurs as small shoots. However, because of poor core recovery in the vein zone and the inherent difficulty of interpreting diamond drilling results from narrow, high-grade veins, the drilling is not conclusive and the ore shoot on the Last Hope vein could be more extensive than evidenced by the drilling. In view of this the Operator should consider exploring the Last Hope vein between the No. 2 and 3 adits by extending the steep raise from the No. 3 adit or by extending the winze below the No. 2 adit. This would not cost much, and as the property is equipped for mining and milling, probably would be worth doing.

A small tonnage of lead ore may be recovered by selective mining from the Last Hope vein, but the mine will never become an important producer unless new targets are discovered and explored successfully.

Unless new geologic targets are discovered, no further participation by DMEA in exploration of the Twin Peaks property is recommended.

Enclosures
Distribution:
OME(3)
USBM(5)
USGS(SRO)
Docket
MacLaren



INDEX MAP
Showing location of
TWIN PEAKS MINE
Idaho Consolidated Mining Co.
Lemhi County, Idaho

FIGURE 1

OMZ(3)

OFFICIAL FILE COPY
O. M. S.
RECEIVED OCT 15 1959

DATE	INITIAL	
10-15	gad	VRO
10/15	[illegible]	800
10/16	[illegible]	500
		325

No. 157 Howard Street
Spokane 4, Washington
October 12, 1959

Mr. Edward G. Wilson
Idaho Consolidated Mines, Inc.
4109 Arcade Building
Seattle 1, Washington

Re: Docket No. IDEA-3579 (Lead-Zinc)
Twin Peaks Mine
Lemhi County, Idaho
Contract No. Idm-2895

Dear Mr. Wilson:

Thank you for your letter of October 7, 1959, regarding your royalty overpayment and telling us of your progress.

It will be quite satisfactory to us if you deduct the $0.97 from your next royalty payment.

We would greatly appreciate it if you could send us a sketch of the new raise as you so kindly offered. We are glad to hear that you are finding ore of such good grade and wish you continued luck.

Sincerely yours,

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

cc: WG(3) w cys incoming
Ms(2)
[illegible](AD)

Note Goldsby's check sheet, attached to Rpt. of Royalty Review, states "Property inactive" Sals. G.

MINES: SALMON, IDAHO

IDAHO CONSOLIDATED MINES, INC.

4109 ARCADE BUILDING • MAIN 4-6356
SEATTLE 1, WASHINGTON

OFFICIAL FILE COPY
G. M. E.
OCT 16 1959

DATE	INITIALS	DATE

October 7, 1959

Mr. A.K. Weissenborn
Executive Officer, GSE
Field Team, Region 2
Sc. 127 Howard Street
Spokane 4, Wash.

RE: Contract No. [illegible]
Contract No. [illegible]

Dear Mr. Weissenborn:

Replying to your letter of October 1, 1959 re a 97¢ overage on royalty payment.

When the smelter strike is over we will have shipment of concentrates of several thousands of dollars from which there will be more payments as royalties on the above contract.

If it is O.K. with you we could just deduct the 97¢ from these payments to make accounts even.

Our concentrates are running about 46% lead, 8% copper and 22 oz silver. We think we have solved most of the problems in the mill. So far experience shows that this mill will handle a minimum of 100 tons on a 24 hour basis and will go as high as 125 tons on some of the ore. We now have it operating very satisfactorily on a part time basis. The Idaho Power Company is just completing the installation of a line to the mine which should be energized this month. This will be of great helpto us.

In the past year we completed a raise from the 1300 drift to No 2 level which ventilates the operationvery decidedly. Total length of this raise is claimed at 256 feet. It is at 54½ degrees. In this operation we encountered the ore body about 90 feet from the 1300 floor level. In the past week a side drift off of this raise at about 130 feet off the floor level intersected your No. 2 core drill hole and would seem to be approximately 35 feet from the mineral body indicated on the drill log for this hole.

If you would care to have it I am in the position of furnishing a to scale sketch of this air raise. Some of the ore we contacted in there was really hot. We did not contact the downward extension of the upper ore as shown on No. 2 level and connected by the last drill hole put down from No.2 level. We went under this and though only a short distance from it we have not yet had time to explore it.

Yours very truly

Edmund G. Wilson

Edmund G. Wilson

OFFICIAL FILE COPY
O. M. E.
RECEIVED OCT 5 1959

DATE	INITIALS	CODE
10/5	RCW	225
10/5	Friswell	500
		225

So. 157 Howard Street
Spokane 4, Washington

October 1, 1959

Idaho Consolidated Mines, Inc.
4109 Arcade Building
Seattle, Washington

Re: Docket No. DMA-3879 (Lead-Zinc)
Twin Peaks Mine
Lemhi County, Idaho
Contract No. Idm-8895

Gentlemen:

Enclosed for your information and files is a copy of "Report of Royalty Review" dated September 10, 1959. The audit review discloses that you have made an overpayment of royalty amounting to $0.97. If you wish this refunded, we would appreciate receiving a written request within 30 days.

Sincerely yours,

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

Enclosure

cc: OME (2)
CA&A Div., D.C.
USBM
USBM(AD)

1201 N. Division St.
Spokane 2, Washington

OFFICIAL FILE COPY
O. M. E.
RECEIVED NOV 10 1958

November 3, 1958

11/10	C	226
11/10		800
11/12	alt.	500

Mrs. Dorothy Long, Certifying Officer
OME Field Team, Region I
1201 N. Division Street
Spokane 2, Washington

Re: Docket No. DMEA-3879 (lead-zinc)
Idaho Consolidated Mines, Inc.
Twin Peaks Mine
Contract No. Idm-E895

Dear Mrs. Long:

The project work under the referenced contract was terminated as of December 10, 1957, under the terms of Amendment No. 2, item 3(a)(2). All the work was completed to the satisfaction of the Government. A final report evaluating the results of the exploration program has been presented by the Operator and accepted by the Executive Officer.

The Government has no interest in supplies or equipment purchased for use on the project.

A pseudo-certification is incorporated in Amendment No. 2 under Article 3(d).

A final Report of Review dated August 28, 1958 by DMEA Auditor C. A. Turner has been received.

As all contract requirements have been met, it is requested that final settlement of our account with the Operator be made.

Sincerely yours,

A. E. Weissenborn, Exec. Officer
OME Field Team, Region I

cc: OME (2)
USGS (2)

No. 157 Howard Street
Spokane 4, Washington

October 13, 1958

OFFICIAL FILE COPY
O. M. E.
RECEIVED OCT 20 1958
INITIALS CODE
10/20 C 20
10/20 800
10/21 500

Idaho Consolidated Mines, Inc.
4109 Arcade Building
Seattle 1, Washington

Re: Docket No. DMEA-3879 (lead-zinc)
Idaho Consolidated Mines, Inc.
Twin Peaks Mine
Lemhi County, Idaho
Contract No. Idm-E895

Gentlemen:

Enclosed for your information and files is a Report of Review by our auditor, C. A. Turner, for work performed under DMEA contract Idm-E895. The audit covers the period January 1956 to November 1957.

The audit discloses that there is a balance due you of $400.00. It also discloses that an additional amount of $15.00 (for 2 feet of long-hole drilling and for the assaying of 8 samples) can be claimed by you by presenting your claim on the enclosed voucher form. You have 120 days from the date of this letter within which to make your claim. If, at the end of that time, you have not put in your claim, we will release the $400.00 but will not be able to pay you the additional $15.00. However, if you plan to claim the additional $15.00, we would appreciate receiving your voucher as soon as possible so that we can close your account.

Sincerely yours,

A. R. Weissenborn
Executive Officer, OME
Field Team Region I

Enclosures

cc: OME (3)
USBM (2)
USBM(AD)

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
9/5	Talbert	800
9/8	C	220
	alt	500

SEP 8 1958

Mr. Charles A. Turner
DMEA Auditor
1201 N. Division Street
Spokane 2, Washington

Re: Docket No. DMEA-3879
(Lead-Zinc)
Idaho Consolidated Mines, Inc.
Contract No. Idm-E895

Dear Mr. Turner:

The recently submitted copies of your Report of Review on the referenced project are returned herewith for revision and clarification of the factual data.

Your report indicates the cost claimed by the Operator on his final MF-104 as being $7,249.50 in one place and $7,259.00 in another. Also, both report and schedule indicate reinstatement of a disallowance, which, as far as I can determine, was properly made by Certifying Officer.

As no copy of the final MF-104 is available in Washington, I am unable to determine the amount actually claimed by the Operator. However, on the basis of Mr. Romischer's final inspection report dated May 15, 1958, it appears that the amount of $7,279.50, if claimed, is the total acceptable cost.

Enclosed are two penciled drafts of Reports of Review, one based on claimed costs of $7,259.00 and one on claimed costs of $7,249.50 (this latter on the premise that the Operator has accepted the prior disallowance and reduced his claim accordingly). The draft, which has your concurrence, may be typed and distribution of all copies is authorized withour further advice from this office.

If neither of these drafts correctly state the facts, please advise giving full details.

Sincerely yours,
(Signed) J. L. Chambers

Jay L. Chambers, Director
Contract Administration
and Audit Division

EDTalbert/GMcC
September 8, 1958
cc: Docket
Admr. Read. File
Mr. Chambers
Enclosures

8623

9-8 C 220
9-9 alt 500

1201 N. Division St.
Spokane 2, Washington

August 28, 1958

Mr. C. A. Turner
DMEA Auditor, Region I
1201 N. Division Street
Spokane 2, Washington

Re: Docket No. DMEA-3879 (Lead-zinc)
Idaho Consolidated Mines, Inc.
Twin Peaks Mine
Lemhi County, Idaho
Contract No. Idm-E895

Dear Mr. Turner:

The project work under the referenced contract was terminated as of December 10, 1957 under the terms of Amendment No. 2, item 3(a)(2). All the work performed was completed to the satisfaction of the Government.

A final inspection report on the completed work was submitted by Wm. M. Romischer on May 15, 1958.

The Operator's final engineering and geological report was received on August 25, 1958. It is considered as having met the requirements of Article 6(e) of the contract.

A pseudo-certification is incorporated in Amendment No. 2 under Article 3(d).

The Government has no equity in equipment and supplies used on the project.

Work units completed within the terms of the contract are:

Stage I	Authorized	Completed
Diamond drilling	1,200 ft.	1,170 ft.
Long hole drilling	500 ft.	406 ft.
Samples assayed	60	25

Stage II - Not authorized

It is now in order for you to issue your Report of Review.

By Field Team, Region I

D. R. Maclaren, Acting Member
U. S. Geological Survey

Wing C. Agnew, Acting Exec. Officer
U. S. Bureau of Mines

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

So. 157 Howard Street
Spokane 4, Washington

August 28, 1958

OFFICIAL FILE COPY
DMEA
RECEIVED SEP 2 1958

DATE	INITIALS	CODE
9/2	C	220
9/4	CEW	800
"	alt	500

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

Re: Docket No. DMEA-3879 (Lead-zinc)
Idaho Consolidated Mines, Inc.
Twin Peaks Mine
Lemhi County, Idaho
Contract No. Idm-E895

Dear Mr. Selfridge:

Enclosed are the original and one copy of the Operator's final report on this contract, together with two copies of a letter dated August 22, 1958 from Edmund G. Wilson, President.

As there is considerable material in our files regarding this contract and because we doubt a more detailed report from the operator would add to the information we have, the Field Team considers this report as having met the requirements of Article 6(c) of the contract.

By Field Team, Region I

Wing G. Agnew

Wing G. Agnew, Acting Exec. Officer
U. S. Bureau of Mines

D.R. MacLaren

D. R. MacLaren, Acting Member
U. S. Geological Survey

Enclosures

cc: USBM (2)
USBM (AD)
Turner

MINES BAUNON, IDAHO

IDAHO CONSOLIDATED MINES, INC.

4160 ARCADE BUILDING • MAIN 4-6356

SEATTLE 1, WASHINGTON

OFFICIAL FILE COPY
DMEA
RECEIVED SEP 2 1958

DATE	INITIALS	CODE

August 22, 1958

Mr. A.E. Weissenborn
South 157 Bernard Street
Spokane 4, Washington

Dear Mr. Weissenborn:

Under separate mailing I am sending you the final report on the contract and I hope that it will meet with your approval. As I told you I merely could not be classed as an expert in such computation.

For your information we are putting in the mine which was in question last spring. I had hoped by this time to be able to give you pertinent information on our findings but we have not progressed far enough as yet.

If you wish I will certainly be happy to keep you informed as to results.

Yours very truly

Edward G. Wilson.

RECEIVED
AUG 5 1958

MINES: SALMON, IDAHO

IDAHO CONSOLIDATED MINES, INC.
4109 ARCADE BUILDING • MAIN 4-8356
SEATTLE 1, WASHINGTON

OFFICIAL FILE COPY
DMEA
RECEIVED SEP 2 1958
DATE | INITIALS | CODE

August 18, 1958

Mr. A.E.Weissenborn
Executive Officer, DMEA
Field Team, Region I
So. 157 Howard Street
Spokane 4, Washington

Subject: Final Report
DMEA Docket No. 3879
Contract No. IDM E-895

Dear Mr. Weissenborn:

Herein is submitted a final report and summary relative to the above noted contract.

REPORT

This contract was divided into two parts, Stage I and Stage 2.

The objective of Stage I was to locate the downward extension of a known ore shoot on No. 2 level to No. 3 level, a difference of 315 feet vertical heighth; to develop and map geological information on and between these two levels as shown on property maps previously submitted.

Work was commenced on this contract in January 1956 by long hole drilling in the "1525 drift", the 1400 drift and the 1300 drift all on the No.3 level. Although these holes encountered mineralization at various points values indicated did not warrant further exploration by core drilling or drifting in these areas.

Core drilling on No.3 level, from a point 1000' west of the portal, on the main adit was started in April 1956, At this point three holes were drilled upwardly at approximately 45 degrees from the horizontal and in a fan shaped pattern. These were designated as core drill holes No.I, No.2 and No 3 in our previous reports. No. I being drilled to the West and in line with the main adit drift, No. 2 to the left or South Westerly and No.3 to the right or Northwesterly.

Hole No.I ws driven to a distance of 317 feet and core information conformed with that shown by the main drift. No mineralization of consequence was encountered.

No.2 hole was driven to a length of 313 feet. At 178 feet to 186 feet was encountered. Due to the large volume and high pressure of the water used on the drill at this heighth drill operators could not catch the sludge from this mineralized area as the entire core seems to grind to a fine degree and float away in the waste water. It was not in an area that would seem to conform with the shoot being sought.

RECEIVED
AUG 25 1958
U. S. G. S.
SPOKANE, WASH.

No.3 hole was driven to a length of 315 feet at which point the drill had entered a fault and jammed. Drill head and sixty feet of steel were not recovered. No significant mineralization was encountered in this hole.

MINES: SALMON, IDAHO

IDAHO CONSOLIDATED MINES, INC.

4109 ARCADE BUILDING • MAIN 4-8356

SEATTLE 1, WASHINGTON

DMEA
RECEIVED SEP 2 1958
DATE INITIALS

Mr. A.E.Weissenborn Final Report DMEA Contract No. LDM E-895

A fourth hole was driven 200 feet at the west end of the main drift. This was not a part of this contract.

Holes designated as No.5 and No.6 were authorized by your office and were driven in August 1956. They were located in the south end of the 1300 drift and were driven in a westerly direction. They were carried to lengths of 111 feet and 70 feet respectively. No mineralization was encountered.

Upon later revision of this contract a sixth core drill hole was driven downward from the No.2 level from a point at the west end of the adit drift. At a point 80 feet down on this hole significant mineralization was contacted and a satisfactory core recovered. This was in an area in which the shoot being sought should be. Values are shown on assay report previously furnished. This hole was completed in November 1957.

140 feet of long hole drilling was done in the 970 drift in October 1957 without contacting what would seem to be commercial mineralization.

This completed the allowed work on Stage I. of this contract.

In as much as either party to this contract could elect to terminate the contract at the end of Stage I. It was so eledted by the DMEA.

SUMMARY

Our experience with the personnel representing this DMEA contract was, at all times, entirely pleasant. They went beyond, what we consider would be normally required of them, to be helpful, encouraging and in making suggestions as to methods of keeping data, records and mapping etc. Since there are no immediately located developed mines to this property from which pertinent knowledge might be developed the liberal geological information freely given by your personnel has been and is highly valued. We are firmly persuaded that this contract has been quite profitable to this property and will continue to be so for a long time to come. As a consequence the exploration is now being continued.

Yours very truly
Idaho Consolidated Mines, Inc.

Edmund G. Wilson

Edmund G. Wilson - President

So. 157 Howard Street
Spokane 4, Washington

July 29, 1958

8/5
8/5
N.S.
225
800
500

Mr. Edmund G. Wilson
Idaho Consolidated Mines, Inc.
4109 Arcade Building
Seattle 1, Washington

Re: Docket No. DMEA-3879 (Lead-Zinc)
Twin Peaks Mine
Lemhi County, Idaho
Contract No. Ipm-M395

Dear Mr. Wilson:

On April 30, 1958 and again on June 2, we wrote to you calling your attention to Item 3(c) of Amendment No. 2 regarding the rendering of a final report and final account of your DMEA project.

We again ask you to send us this report and account so that, pending final audit, we can release the balance of funds being withheld from your voucher for October-November, 1957, as mentioned in our letter of February 12, 1958.

Sincerely yours,

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

cc: DMEA (2)
USBM (2)
USBM(AD)
Turner

OFFICIAL FILE COPY
DMEA
RECEIVED JUN 9 1958

6/6	Hg.	225
6/9		800
6/10		500

So. 157 Howard Street
Spokane 4, Washington

June 2, 1958

Mr. Edmund G. Wilson
Idaho Consolidated Mines, Inc.
4109 Arcade Building
Seattle 1, Washington

Re: Docket No. DMEA-3879 (Lead-Zinc)
Twin Peaks Mine
Lemhi County, Idaho
Contract No. Idm-E895

Dear Mr. Wilson:

In our letter of April 30, 1958, we called your attention to item 3(c) of Amendment No. 2 regarding the rendering of a final report and final account of your DMEA project.

We would appreciate receiving this report and account so that, pending final audit, we can release the balance of funds due you as mentioned in our letter of February 12, 1958.

By Field Team, Region I

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

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

cc: DMEA (2)
USBM (2)
USBM (AD)
Alvord

OFFICIAL FILE COPY
DMEA
RECEIVED MAY 5 1958
DATE | INITIAL | CODE
5/5 | C | 220
5/5 | [illegible] | 200
5/6 | [illegible] | 500

So. 157 Howard Street
Spokane 4, Washington

April 30, 1958

Mr. Edmund G. Wilson
Idaho Consolidated Mines, Inc.
4109 Arcade Building
Seattle 1, Washington

Re: Docket No. DMEA-3879 (Lead-Zinc)
Twin Peaks Mine
Lemhi County, Idaho
Contract No. Idm-2895

Dear Mr. Wilson:

This is in further reference to your letter of December 16, 1957, our reply of February 12, 1958, and our conference in Spokane March 12, 1957 all regarding additional work at the Twin Peaks mine.

We regret to inform you that DMEA is not willing to reactivate your contract which, as you know, was automatically terminated effective December 10, 1957, under the terms of item 2 and item 3(a)(2) of Amendment No. 2. We are sorry that the exploration project was not more successful.

Your attention is called to item 3(c) of Amendment No. 2 regarding the rendering of a final report and final account. This requirement is more fully described in the contract under Article 6(c).

Item 3(d) of Amendment No. 2 requires payment of royalty on production as if certification of discovery or development had been made, and waives such certification. Item 3 of Amendment No. 1 extends the period of royalty payment from 10 years to 11 years or until November 10, 1966, unless the funds contributed by the Government have been repaid before that date.

By Field Team, Region I

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

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

cc: DMEA (2)
USBM (2)
USBM (AD)
Alvord

DMEA Form 7
(12-56)

APR 25 1958

500

OFFICIAL FILE COPY

Date	Surname	Code
4/24	[illegible]	500
4/25	[illegible]	130
"	Johnson	110
"	Rattenbury	100
4/28	[illegible]	220
		500

Mr. A. E. Weissenborn
Executive Officer
DMEA Field Team, Region I
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMEA-3879 (Lead-Zinc)
Idaho Consolidated Mines, Inc.
Twin Peaks Mine
Lemhi County, Idaho
Contract No. Idm-R895

Dear Mr. Weissenborn:

With reference to the cited project, we have reviewed your letter of March 28, 1958 and some of the background data on developments to date. Since no commitments have been made to the Operator, and in view of the limited possibilities, we would prefer not to reactivate this contract.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (GCS)

WRGriswold/er 4/24/58
Copy to: Docket
Admr R File
Op. Committee
Mr. Bishop, USBM
Mr. Kiilsgaard, USGS
Chron.

APPROVED:

Frank D. Lamb (GCS)
Member, Bureau of Mines

Thor H. Kiilsgaard (GCS)
Member, Geological Survey

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code

April 24, 1958

Memorandum for the Docket

From: Director, Division of Base Metals

Subject: Denial of Amendment requested by Field Team in March 3, 1958 letter.

The basis for denial is contained in the Kiilsgaard's memos of March 14 and April 7, 1958. He has covered the subject in a most comprehensive manner. In essence, he maintains that, at best, the target would be of microscopic proportions. The undersigned concurs.

W. R. Griswold

WRG/er
Docket
Chron.

8623

IN REPLY REFER TO:

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

April 7, 1958

Memorandum

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

From: Thor H. Kiilsgaard, U. S. Geological Survey

Subject: Review of Field Team letter of March 28, 1958, DMEA Docket 3879, (lead-zinc), Idaho Consolidated Mines, Inc., Lemhi County, Idaho

The Field Team reaffirm their recommendations for more work but with some reservations. Their attitude appears to be based on 1) Last Hope vein is incompletely explored, 2) Government's only chance to get its money back is to risk more on further exploration.

In all exploration programs there is always the question of when to stop exploration of a vein or deposit. In the present instance we are dealing with a vein, or series of veins, that have been explored on the outcrop, by an inclined shaft, and by work on two lower levels. While some of these workings appear to be of a rambling and prospecting nature, they appear to have given a good look at the prospective targets. The very outline and location of these workings indicate that the targets themselves have been uncertain, as indeed they have. All available evidence indicates that further work could expect to find only more of what already has been found.

I do not have a copy of the operator's contract and do not know what the Field Team expect the proposed work to cost; however, I assume the work will cost about $10,000 and I fail to see how this expenditure can protect Government funds already spent on the project. Even if the raise finds a mineable ore body--a somewhat remote possibility--the area from which ore might be mined is too small for the ore to make possible any significant payback to the Government. The area would have 90 feet of up-dip extent before meeting the No. 10 stope. On the No. 2 level, the vein is cut off by a fault a few feet north of the No. 10 stope but appears to have been followed more than 350 feet to the south. On the No. 3 level, the vein is thoroughly tested north of the No. 2 level fault by drifts, crosscuts, and drill holes in the vicinity of the 1525

and 1600 stopes. In these areas, however, the vein was too lean to warrant mining.

All things considered, I cannot see a target that warrants further exploration nor can I see justification for spending more money in an attempt to rescue money already expended. I therefore must stay with my original recommendation for denial of the amendment.

Thor H. Kiilsgaard

Thor H. Kiilsgaard

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

DMEA
RECEIVED MAR 31 1958

DATE	INITIALS	CODE
3/31	C	220
3/31	wrbs.	500

March 28, 1958

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

Re: Docket No. DMEA-3879 (Lead-Zinc)
Idaho Consolidated Mines, Inc.
Twin Peaks Mine
Lemhi County, Idaho
Contract No. Idm-E895

Dear Mr. Selfridge:

In reply to your letter of March 20, 1958, regarding further work at the referenced property, we have not made any commitments to the Operator. When Mr. Wilson came in to the Spokane office, we told him that the only additional work that we could recommend would be to extend the raise near the 1300 stope to cut the downward extension of the Last Hope vein and to drift from the raise. We discussed with him certain problems he would have to meet such as a limit to the amount of timbering and timbering costs to which the Government could contribute. We made it clear to Mr. Wilson that DMEA approval would be required to reinstate the contract and that we were by no means sure that DMEA would be willing to participate in further work.

We recognize that the potential of the Twin Peaks property is limited. The unfavorable results of DDH-1 and DDH-2 suggests that the strike length of the ore is short at the elevation of which it was tested by these drill holes. However, recovery in neither hole was complete and, even with good recovery, drill holes have been known to penetrate good ore without yielding much indication of the fact. Samples from the 1525 stope are not impressive, as you point out, but the stope might be at the edge or outside ore shoot. DDH-7, however, cut the vein and showed the presence of high-grade material. The average of the hole in the vein zone was only 5.7 percent lead but recovery was incomplete and we regard the assays as qualitative only. The samples from the winze (19.5 and 15.2 percent lead) are much more indicative of the grade of the ore we are trying to find.

In brief, the Last Hope vein does not appear to be completely explored and we feel that the proposed exploration has some chance of making a small discovery. The cost would not be great and with a mill on the property even a small ore body could return several times the cost of the additional work. In fact, this is the only chance of getting any return on the money already expended. We do not think this reasoning to be too far out of line but we recognize the limitations of the project and if DMEA prefers not to reinstate the contract, we will accept the decisions without further comment and will so inform the Operator. We would like to see the matter settled one way or another and would appreciate a prompt decision.

By Field Team, Region I

A. E. Weissenborn

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

Thomas E Howard

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

cc: USBM (2)
USBM (AD)
Alvord

Mr. Griswold -

Under Amendment No. 2, contract was automatically terminated 9/15/57, and Pseudo-certification became effective. Should not we add a P.S. to letter calling this to the attention of Weissenborn? If contract is amended, the "Pseudo" would have to be incorporated as in effect and not conditional.

FEJohnson

If amendment is made we should discuss before drafting. PEM

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
3/19	[illegible]	500
3/19	[illegible]	130
3/20	[illegible]	110
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3/21	[illegible]	220
		500

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MAR 20 1958

Mr. A. E. Weissenborn
Executive Officer
DMEA Field Team, Region I
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMEA-3879 (Lead-Zinc)
Idaho Consolidated Mines, Inc.
Twin Peaks Mine
Lemhi County, Idaho
Contract No. Idm-E895

Dear Mr. Weissenborn:

We have your letter of March 3, 1958, with enclosed memorandum by D. C. Alverd, referring to the cited project.

We are not very enthusiastic about the proposed work. Exploration at Twin Peaks mine has proven disappointing. Long-hole and diamond drilling from the No. 3 adit has shown some scattered, low-grade mineralization but most of the holes have been barren. Work done by the Operator, on his own account, also has been disappointing. There appears to be wide spread mineralization in the mine but it evidently is sporatic in habit and usually low in grade. The better grade ore evidently occurs in blebs and pockets that are small in size.

The vein to be explored by the proposed amendment already has been well-tested by the No. 1 inclined adit, and by drifting on the No. 2 level. Had it continued down dip, with an acceptable grade, it undoubtedly would have been followed by No. 10 stope. Likewise, had the vein proved mineable, it would have been followed further up dip by the 1,525 stope above the No. 3 adit. To direct the proposed work at the intervening section of vein containing 1.9 feet of ore assaying 2.2 ounces Ag and 5.7% Pb seems very unpromising. It seems all the more dubious when it is to be seen that D.D.H. No. 2 penetrated an area only a few feet away where the vein should have been but which was barren. D.D.H. No. 1 also intersected the vein area approximately 65 feet to the north, but it too was barren. The narrow width of the vein, its low-grade metal content, and the limited target area between the two levels makes the proposed work appear unpromising.

8623

However, it may be that the Field Team is already committed to the Operator with regard to the proposed work. If so, kindly advise us and will be glad to give the matter further consideration.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (GCS)

APPROVED:

A. D. McMahon (GCS)

Member, Bureau of Mines

N. E. Nelson (GCS)

Member, Geological Survey

P. S. Please note that under Amendment No. 2, item 3A(2), the contract was terminated effective December 10, 1957, with a pseudo-certification in effect. A further amendment could reactivate the contract but would maintain the status of the pseudo-certification.

WRGriswold/er 3/19/58

Copy to: Docket

Admr R File

Op. Committee

Mr. Bishop, USBM

Mr. Kiilsgaard, USGS

Chron.

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

IN REPLY REFER TO:

OFFICIAL FILE COPY
DMEA
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March 14, 1958

Memorandum

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

From: Thor H. Kiilsgaard, U. S. Geological Survey

Subject: Review of amendment proposed by Field Team, DMEA Docket 3879, lead-zinc, Idaho Consolidated Mines, Inc., Lemhi County, Idaho

The Field Team has recommended an amendment for the DMEA exploration project at the Twin Peaks mine. This work would consist of rehabilitating 75 feet of raise; driving 130 feet of new raise from the top of the rehabilitated raise; and 100 feet of drifting from the top of this 205-foot blind raise. This work is predicated on the projection of the vein mined in the No. 10 stope--from the overlying No. 2 adit--, and on a 1.9-foot intersection of core in D.D.H. No. 7, which assayed 2.2 oz. Ag and 5.7% Pb. This section of core was from the vein projected 90 feet below the bottom of No. 10 stope.

Exploration at Twin Peaks mine has proven disappointing. Long-hole and diamond drilling from the No. 3 adit has shown some scattered, low-grade mineralization but most the the holes have been barren. Work done by the operator, on his own account, also has been disappointing. There appears to be wide spread mineralization in the mine but it evidently is sporatic in habit and usually low in grade. The better grade ore evidently occurs in blebs and pockets that are small in size.

The vein to be explored by the proposed amendment already has been well-tested by the No. 1 inclined adit, and by drifting on the No. 2 level. Had it continued down dip, with an acceptable grade, it undoubtedly would have been followed by No. 10 stope. Likewise, had the vein proved mineable, it would have been followed further up dip by the 1,525 stope above the No. 3 adit. To direct the proposed work at the intervening section of vein containing 1.9 feet of ore assaying 2.2 ounces Ag and 5.7% Pb seems very unpromising. It seems all the more dubious when it is to be seen that

D.D.H. No. 2 penetrated an area only a few feet away where the vein should have been but which was barren. D.D.H. No. 1 also intersected the vein area approximately 65 feet to the north, but it too was barren. The narrow width of the vein, its low-grade metal content, and the limited target area between the two levels makes the proposed work appear unpromising and I find myself unable to agree with the Field Team recommendations.

Although I recognize the operator is desperately trying to bring the mine into production, and while I am sympathetic to the Field Team proposal, I believe it would be to the best interests of the Government to deny the proposed amendment and so recommend.

T. H. Kiilsgaard

T. H. Kiilsgaard

MINES: SALMON, IDAHO

IDAHO CONSOLIDATED MINES, INC.

4109 ARCADE BUILDING • SENECA 8356
SEATTLE 1, WASHINGTON

Answered by phone 3/6/58
Nelson will be in 3/12/58
DRM

March 4, 1958

Mr. A.E. Weissenborn, Exec. Officer
U.S. Geological Survey
South 157 Howard Street
Spokane 4, Wash.

Docket No. DMEA 3879

Dear Mr. Weissenborn:

Due to an illness I am now back this week in the office, the first since talking to your office on the phone last month.

In respect to putting in a raise at Twin Peaks Mine, I have talked this over with my associates in the Company and they seem quite willing to do so. However I am at a less to give them any adequate information as to costs, especialy as to the specifications of size and timbering you would require.

Would you, or anyone in your office that you might wish, be in Spokane during the week of March 6 to 12 that I might come over and talks this over and learn more exactly what you would require?

Yours very truly,

Idaho Consolidated Mines, Inc.

Edmund G. Wilson

P.S. Sorry to have delayed so long in replying but there was no other way.

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UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

So. 157 Howard Street
Spokane 4, Washington

March 3, 1958

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

Re: Justification of Stage II
Docket No. DMEA-2879 (Lead-Zinc)
Idaho Consolidated Mines, Inc.
Twin Peaks Mine
Lemhi County, Idaho
Contract No. Idm-E895

Dear Mr. Selfridge:

Enclosed is a memorandum by D. C. Alvord, Geologist, U. S. Geological Survey, summarizing the work done by Idaho Consolidated Mines, Inc. at the Twin Peaks mine, Lemhi County, Idaho, under Contract Idm-E895. It is Alvord's conclusion that the finding of ore in DDH-7 indicates that the vein extends below the 200 level and is mineralized. He considers this sufficient justification for undertaking Stage II of the contract, and he recommends that an existing raise be extended to intersect the vein most directly below the winze on the 200 level and that a small amount of drifting be done at the point where the vein is intersected.

Stage II of the contract authorizes 300 feet of drift, crosscut and/or raise and 100 feet of timbering which is limited to drifts and crosscuts only.

The Field Team concurs with Mr. Alvord and recommends that the contract be amended to extend the completion date from December 10, 1957 to December 10, 1958, with a recess provided for from December 1, 1957 to not later than May 30, 1958, and that timbering be authorized in the raise as well as in the drifts and crosscuts.

By Field Team, Region I

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

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

Enclosures

cc: USBM (2)
USBM (AD)
Alvord

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

DMEA
RECEIVED MAR 7 1958
DATE | INITIALS | CODE

February 19, 1958

MEMORANDUM

To: DMEA Field Team, Region I

From: D. C. Alvord, Geologist, U. S. Geological Survey

Subject: Justification of Stage II, Docket No. DMEA-3879 (Lead-Zinc), Idaho Consolidated Mines, Inc., Twin Peaks Mine, Lemhi County, Idaho, Contract No. Idm-E895

Stage I of the contract consists essentially of 1,200 feet of diamond drilling, 500 feet of long-hole drilling, and assaying up to 60 samples for gold, silver, lead, and copper. Under Stage I, 5 diamond drill holes totaling 1,170 feet and 10 long holes totaling 406 feet have been completed. In addition, 25 samples have been taken and assayed. Thus, for all practical purposes, the work of Stage I is completed.

Long holes No. 1 to 6 were drilled from the No. 3 adit level in the vicinity of the 1300, 1400 and 1525 stopes (pl. 1) to search for the lateral extension of incompletely explored ore shoots. Long holes No. 1, 3, 4, 5 and 6 all yielded cuttings containing some ore sulfides, but only one was sufficiently promising to encourage the Operator into additional exploration. A short crosscut was driven, on the Operator's own account, into ground penetrated by long hole No. 5. This work exposed a low-grade zone of pyrite, chalcopyrite, and galena. Subsequent raising at this locality yielded the Operator 10.052 short dry tons of crude and concentrate product that averaged 0.025 ounce gold per ton, 19.68 ounces silver per ton, 5.50 percent copper, 30.5 percent lead, and 0.4 percent zinc.

Five diamond drill holes were drilled from the No. 3 level, two of these were drilled by the Operator on his own account. Holes No. 1, 2 and 3 were drilled from a station in the No. 3 adit about 1,107 feet from the portal. Hole No. 4 was drilled from the end of the adit and holes No. 5 and 6 from the crosscut to the 1300 stope (pl. 1). All of these were "up" holes.

Diamond drill holes No. 3 and 5 are reportedly entirely in barren ground. Diamond drill holes No. 1 and 2 penetrated weakly mineralized ground outside of the principal target, hereinafter referred to as the "Last Hope" vein, but cored only iron-stained and faulted material where the Last Hope vein should have been (pl. 2, attached logs). It should be noted, however, that core recovery at the projection of the Last Hope to the course of DDH-1 was only 40 percent and in DDH-2 was only 75 percent. Furthermore, none of the core at these intervals was assayed nor was the sludge saved. The Operator reported that the sludge from these holes ran black in several places but the intervals where this occurred was not recorded. Thus, it is entirely possible that some sulfide was encountered at the target zone in either or both of these holes.

Diamond drill holes No. 4 and 6 (pl. 1) were drilled by the Operator on his own account; both were reported barren.

All of the drilling discussed so far had been completed by September 11, 1956, and in the face of such discouraging results, no further work under the contract was done by the Operator until August 1957, at which time DMEA-authorized long holing was started from the 970 drift southeast (pl. 1) to explore a chalcopyrite-galena-bearing zone then being drifted on and stoped at the Operator's expense. Long holes No. 7 through 10 (reported as Nos. 1 to 4 in the interim inspection reports) completed at this locality all penetrated low-grade zones of pyrite and chalcopyrite that probably contained a few stringers of high-grade galena (fig. 1). It was pointed out to the Operator that samples taken in this area during the original DMEA examination had shown the base metal content to be very low and it was suggested that he sample the ore carefully before attempting any extensive mining. The Operator decided to mine a small amount and put it through his mill, and agreed to sample the heads and the concentrates, which was not his normal custom. Unselective mining from the 970 drift area eventually yielded the Operator 11.911 short dry tons of concentrate which, according to a smelter settlement dated September 23, 1957, contained 0.0125 ounce gold and 8.05 ounces silver per ton, 5.3 percent copper, 8.6 percent lead, and no zinc. The Operator reports that the mill heads for these concentrates averaged a trace of gold, 0.2 ounce silver per ton, 0.13 percent copper, 0.2 ounce silver per ton, 0.13 percent copper, 0.2 percent lead, and no zinc, thus confirming the DMEA sampling.

The Operator had been reluctant to attempt more diamond drilling but by this time it was evident that the best opportunity of finding ore was to use the drilling remaining in Stage I to attempt to locate the extension of the high-grade ore shoot on the

200 level. Inasmuch as the Operator had rehabilitated the No. 2 level at his own expense, including the installation of a compressed air line, this drilling could be done more expeditiously from the No. 2 level. Accordingly, a short hole was laid out to test the Last Hope vein directly down plunge from the No. 2 level ore shoot. DDH-2, from the No. 3 level, was directed towards this same general locality, but although the vein apparently had been cut, the results of the drilling were inconclusive. The new hole, DDH-7, reported as DDH-6 in the interim inspection reports, was completed on November 16, 1957, but the core from the Last Hope zone did not appear very promising (Alvord to Field Team, memorandum dated December 6, 1957). Subsequently, obtained assays, however, gave the following results:

Sample No.	Intercept (feet)	Au (oz./T)	Ag (oz./T)	Cu (%)	Pb (%)	Zn (%)	Visual estimate (lead)
WMR-1	81.0-82.1 core	Tr	0.5	0.0	0.8	--	Tr
-2	82.1-82.3 core	0.02	9.7	Tr	19.3	--	Barren
-3	82.3-83.2 core	Tr	2.0	Tr	5.5	--	5-6%
-4	83.2-84.0 core	Tr	0.5	Tr	2.6	--	Barren
-5	84.0-87.0 core	Tr	Tr	0.12	0.0	--	Barren
-7	84.0-87.0 sludge	Tr	Tr	0.12	Tr	--	Barren
-6	87.0-90.0 core	Tr	0.15	0.08	0.2	--	--
-8	87.0-90.0 sludge	Tr	0.15	0.18	0.4	--	--

The interval from 82.1 to 84.0 feet contains an average of 2.2 ounces of silver and 5.7 percent lead. These results indicate that the vein is present, and although narrow, contains lead. Core recovery from 82.1 to 84.0 feet was 90 percent; however, core recovery from 84.0 to 87.0 and 87.0 to 90.0 was only 30 percent and 47 percent, respectively. Thus, even though the sludge from these runs was low grade, it is quite possible that the vein is wider than is indicated by ~~the~~ DDH-7.

The position of the vein as known from DDHs 1 and 7 is shown in A-A' (pl. 2). The vein probably was cut in DDH-2 but this hole is so far off section that the projected position of the vein is misleading. The section indicates quite clearly that the Last Hope vein continues below the No. 2 level with some economic promise (DDH-7) and that the mining done from the 1525 stope was on the same structure. Prior to the drilling this correlation was doubtful. In the opinion of the author the assays plotted on plate 2 show that the Last Hope is sufficiently promising to warrant additional exploration between the No. 2 and No. 3 levels, particularly below the 10 stope.

Stage II of the contract provides drifting, crosscutting and/or raising not more than 300 feet, and timbering as necessary up to 100 feet. It is suggested that this provision be used to extend an already existing raise from the 1300 stope area to the Last Hope vein approximately as shown on plate 2. The raise would intersect the Last Hope vein directly down plunge from the No. 10 ore shoot exposed on the No. 2 level, about 180 feet below the toe of the winze. It is anticipated that the intersection will disclose a definite mineralized structure that will warrant further exploration at that elevation. In essence, the work would entail an estimated 75 feet of rehabilitation in the 1300 raise, extension of the raise about 130 feet to a total length of about 205 feet, establishment of a No. 2.5 sublevel station, and about 100 feet of drift and crosscut on the 2.5 sublevel. If the work is to be authorized, an amendment extending the duration of the contract would be necessary. The amendment should include a provision allowing conversion of part of Stage II to 80 feet of raise rehabilitation, and the establishment of a sublevel station. The raise rehabilitation would probably entail little more than installation of a few stulls, a manway ladder, followed later, as the raise was advanced, by air and water line.

In a telephone conversation on February 10, 1958, Mr. Wilson assured the writer that the corporation would be interested in doing the work of Stage II as described above.

Enclosures

Distribution:
DMEA (Orig. & 3)
USBM (2)
USBM (AD)
Docket
Alvord

Twin Peaks Mine
Diamond Drill Hole No. 1 (DMEA)

Location: Approx. 1,110 feet from lower level portal
Bearing: N. 89° W.
Inclination: Up +60°
Logged by: H. B. Nickelson (5/19/56)

Date collared: 5/?/56
Date bottomed: 5/20/56
Core size: AX and BX
Core recovery:

From (ft.)	To (ft.)	Core recovery (?)	Lithology
0	5	90	BX size. Quartzite, gray, medium grained with hairline film of pyrite on the fractures.
5	9		AX size. Gray medium-grained quartzite. From 5-7', disseminated pyrite and chalcopyrite. Sampled 5-7'. Sample No. 479-B: Tr gold, 0.3 oz. silver per ton, 0.2% lead, 0.18% copper.
9	12	48	Gray medium-grained quartzite.
12	20	100	Gray quartzite, 18-20' 1" stringers of olive-green phyllite. Core fractured at 19'.
20	23	83	Dark olive-green phyllite bands in quartzite. Core fractured at 20' and 23'. $\frac{1}{4}$" stringer of chalcopyrite at 23'.
23	31)		Dark-gray phyllite, quartzose in places.
31	35½)	93	Olive-green phyllite with white bands.
35½	37)		Light-gray phyllite with quartzite bands.
37	42½		Light-gray, talcy phyllite to 40'. Some with dark olive-green stringers across the core.
42½	55	27	Olive-green and white phyllite, talcy.
55	58		Dark phyllite rich in hornblende and biotite chlorite. Few specks of pyrite.
58	63½)		Greenish-gray phyllite.
63½	67)	71	Greenish-gray phyllite with quartzite bands.
67	70	40	Dark greenish-gray phyllite.
70	73	66	Dark greenish-gray phyllite with quartzite bands.
73	76	33	Dark-gray phyllite. Sludge saved.
76	80	55	Do.

Twin Peaks Mine Diamond Drill Hole No. 1 (DMEA), continued.

From (ft.)	To (ft.)	Core recovery (?)	Lithology
80	88	69	Olive-green phyllite, some narrow light-colored quartzite bands.
88	94	80	Dark-gray phyllite at 89-89½'; two ¼" stringers of galena about 4" apart.
94	111	83	Dark-gray phyllite with ½" bands of light-colored quartzite. At 109', core fractured and brecciated.
111	121	90	Dark-gray phyllite with lighter bands of quartzite.
121	128	57	Do. Fractured at 128'.
128	131	--	Do.
131	134	80	At 131' mud, sandy greenish-gray phyllite. At 132-133', fair quartzite.
134	138	87	Dark-gray phyllite. Fractured at 138'. At 135-136', few specks of galena.
138	145	80	Dark-gray phyllite with a few narrow quartzite bands.
145	149		Sludge saved. Light gray, sandy. 145½-149', same as above. Iron stained on fractures.
149	152	43	Dark phyllite with quartz bands across the core, with bedding. Sludge saved.
152	159	67	152-155', possible dike or fault; 155-157', dark olive-green phyllite with talcy seams; 157-159', greenish bands of phyllite with bands of quartzite.
159	162	33	Greenish bands of phyllite with bands of quartzite. Possible dike or fault.
162	166	37	Same rock as above. Sludge saved.
166	169	50	Dike at 166½-168'; possible fault at 169'.
169	177	77	Banded phyllite with quartzite bands.
177	181	48	Do. Sludge saved.
181	185		Quartzite. Core broken at 182'. Sludge saved.
185	196	45	Quartzite with dark-gray phyllite band. Sludge saved.
196	211	23	Gray phyllite, core badly broken. 196-204', dike.
211	213	80	211-212', dark-gray phyllite. 212-213', core broken and sheared.
213	222	66	Dark-gray phyllite. Good core to 216½', core broken beyond.

Twin Peaks Mine Diamond Drill Hole No. 1 (DMEA), continued.

From (ft.)	To (ft.)	Core recovery (%)	Lithology
222	229	80	Dark-gray phyllite.
229	238	83	Dark-gray banded phyllite. Core broken at 236'. Sludge saved.
238	244	40	Dark-gray phyllite. Iron stain on fractures at 241-242'. Sludge saved.
244	253	52	Dark-gray phyllite. Core broken at 244-251½'; sludge saved.
253	259	88	Dark-gray phyllite.
259	267	80	Dark-gray phyllite, some banding. Fault at 259-261'.
267	270	74	Dark-gray phyllite. Core fractured.
270	277	54	Dark phyllite. Core broken. Sludge looks like dike probably at 274-278'.
277	281	100	Phyllite to 280'; 280-281', quartzite.
281	284	40	Dark-gray phyllite. Sludge saved.
284	287	95	Dark-gray phyllite with quartzite bands.
287	296	32	Fault or dike at 287-292'. Quartzite with phyllite bands. Sludge saved.
296	305	62	Dark-gray phyllite with quartzite bands. Core sheared at 296-300' and at 302'. Fault or dike possible.
305	307	75	Dark-gray phyllite with quartzite bands; sheared, iron-stained at 306-307'.
307	312		Do. Quartz at 310-312'.
312	317		Light-gray phyllite with quartzite bands. Bleached at 313-314½'.

Note: Sludge was saved from runs in soft ground. Bedding crosses the core at about right angles.

Twin Peaks Mine
Diamond Drill Hole No. 2 (DMEA)

Location: Approx. 1,110 feet from lower level portal
Bearing: S. 49° W.
Inclination: +56°
Logged by: H. B. Nickelson (5/20/56)

Date collared: 4/?/56
Date bottomed: 5/?/56
Core size: BX and AX
Core recovery:

From (ft.)	To (ft.)	Core recovery (%)	Lithology
0	5	100	Light-gray quartzite; BX size.
5	7	80	Light-gray quartzite; AX size.
7	12	80	Quartzite, light gray with band of phyllite; core broken 10-12'.
12	15	73	Quartzite with bands of phyllite; core broken.
15	21	91	Gray quartzite, narrow bands of phyllite.
21	26	84	Gray quartzite.
26	36	87	Gray quartzite to 28'. Dark-gray phyllite with quartzite bands. Good core to 31.7'; core broken to 36'; 31.7-33' minor blebs of pyrite and chalcopyrite. Core not sampled.
36	42	71	Greenish-gray phyllite. Good core to 38½'. Core broken to 41.5'. Quartzite 41.5-42'.
42	44	80	42-43', dark-gray quartzite; 43-44', quartzite with phyllite bands. Sludge saved.
44	49	90	Dark greenish-gray phyllite.
49	58	28	Dark greenish-gray phyllite. Possible dike or fault at 49-55'. Core fair at 55-58'.
58	63	54	Dark-gray quartzite with greenish-gray phyllite bands. Sludge saved.
63	70	83	63-68', phyllite rich in hornblende and biotite, schistose; 68-70', greenish-gray phyllite, core broken.
70	80	78	Dark greenish-gray phyllite with occasional quartzite band.
80	85	60	80-83', same as above; 83-85', dark-gray quartzite.
85	91	45	Dark-gray phyllite with quartzite bands.
91	94	73	Dark greenish-gray phyllite.

Twin Peaks Mine Diamond Drill Hole No. 2 (DMEA), continued.

From (ft.)	To (ft.)	Core recovery (%)	Lithology
94	102	75	Dark-gray phyllite with quartzite bands.
102	109	88	102-105', dark-gray phyllite; 105-106', bleached altered phyllite; 106-107', white quartz; 107-109', dark-gray phyllite.
109	119	78	109-110', same as above; 110-110½', white and gray quartz; 110½-119', dark-gray to black phyllite; core broken at 116-119'.
119	129	94	Dark-gray phyllite, almost black.
129	139	100	Do.
139	148	84	Dark-gray phyllite. Sludge saved. Core broken at 147'.
148	154	87	Dark-gray phyllite to 152'; gray quartzite to 154'.
154	158	75	Dark-gray phyllite. Core broken 156½-158'. Sludge saved.
158	163	56	Dark-gray phyllite. Sludge saved.
163	169	58	Dark-gray phyllite. Core broken at 168-169'. Iron oxides on fractures at 167-168'.
169	174	64	Fault. Core in small chips, soft clayey phyllite. Sludge saved.
174	176	65	Do.
176	178	50	Fault. Some specks of galena(?). Sample taken of half the core. Sample No. 480-B: Tr gold; 0.1 oz. silver; 0.3% lead; 0.12% copper.
178	182	25	178-181½', fault gouge; 181½-182', greenish-gray phyllite with white quartz bands. Sludge saved. Sampled half of sludge. Sample No. 481-B: Tr gold, 0.05 ounce silver, 0.25% lead, 0.05% copper.
182	189	47	Greenish-gray phyllite with white quartz bands, bands contorted. At 184-185', same as above. Small specks of chalcopyrite; 185-189', chips of greenish-gray phyllite, possible fault. Sludge saved. Sampled half of sludge. Sample No. 482-B: Tr gold, 0.1 oz. silver, no lead, 0.07% copper.
189	194	36	Dark-gray phyllite. Core badly broken. Half the sludge taken for Sample No. 483-B: Tr gold, 0.05 oz. silver, 0.25% lead, 0.04% copper. No mineral noted in the core.

Twin Peaks Mine Diamond Drill Hole No. 2 (DMEA), continued.

From (ft.)	To (ft.)	Core recovery (%)	Lithology
194	197	26	Dark-gray quartzite. Core broken. Half the sludge sampled. Sample No. 484-B: Tr gold, 0.1 oz. silver, 0.2% lead, 0.04% copper.
197	204	71	Dark-gray phyllite with a few quartz stringers. Sludge saved from 200-204'.
204	211	58	Dark-gray phyllite. Sludge saved from 206-211'.
211	215	100	Greenish-gray phyllite with quartzite bands. At 211', several 1/8" stringers of chalcopyrite. At 212-214.6', open blebs and stringers of chalcopyrite and galena. Core was split and sampled. Sample No. 485-B: 2.6', Tr gold, 0.8 oz. silver, 1.4% lead, 0.48% copper. At 214' mud, possible fault.
215	219	100	Gray-green phyllite, banded.
219	221	50	Do. Sludge saved.
221	225	97	Gray-green phyllite with gray quartzite bands.
225	230	60	Do. Sludge saved.
230	235	80	230-232', same as above. 232-235', quartzite. Driller reports fault at 233-235'.
235	239	37	Quartzite, fractured and brecciated. Sludge saved.
239	243	92	Quartzite, gray with bands of phyllite.
243	253	74	Quartzite with few bands of phyllite. Sludge saved.
253	258	100	253-255', dark phyllite; 255-258', quartzite with phyllite bands. Driller reports dike at 255-257'.
258	265	64	Greenish-gray phyllite with quartzite bands. Sludge saved.
265	272	70	Fault at 265'. Quartzite with phyllite bands. Sludge saved.
272	277	66	Do. Driller reports 4" mud seam at 274'.
277	281	80	Quartzite with phyllite bands. Sludge saved.
281	289	45	Quartzite. Sludge saved. Driller reports 2" mud seam at 289'.

Twin Peaks Mine Diamond Drill Hole No. 2 (DMEA), continued.

From (ft.)	To (ft.)	Core recovery (%)	Lithology
289	297	77	Quartzite; many small bands of phyllite.
297	300	80	Do. Fault at 300'.
300	304	100	Phyllite with quartzite bands. Driller reports 2" mud seam at 303'.
304	307	100	Greenish-gray phyllite with quartzite beds.
307	313 (Bottom)	78	Do. End of the hole is soft, may be a fault.

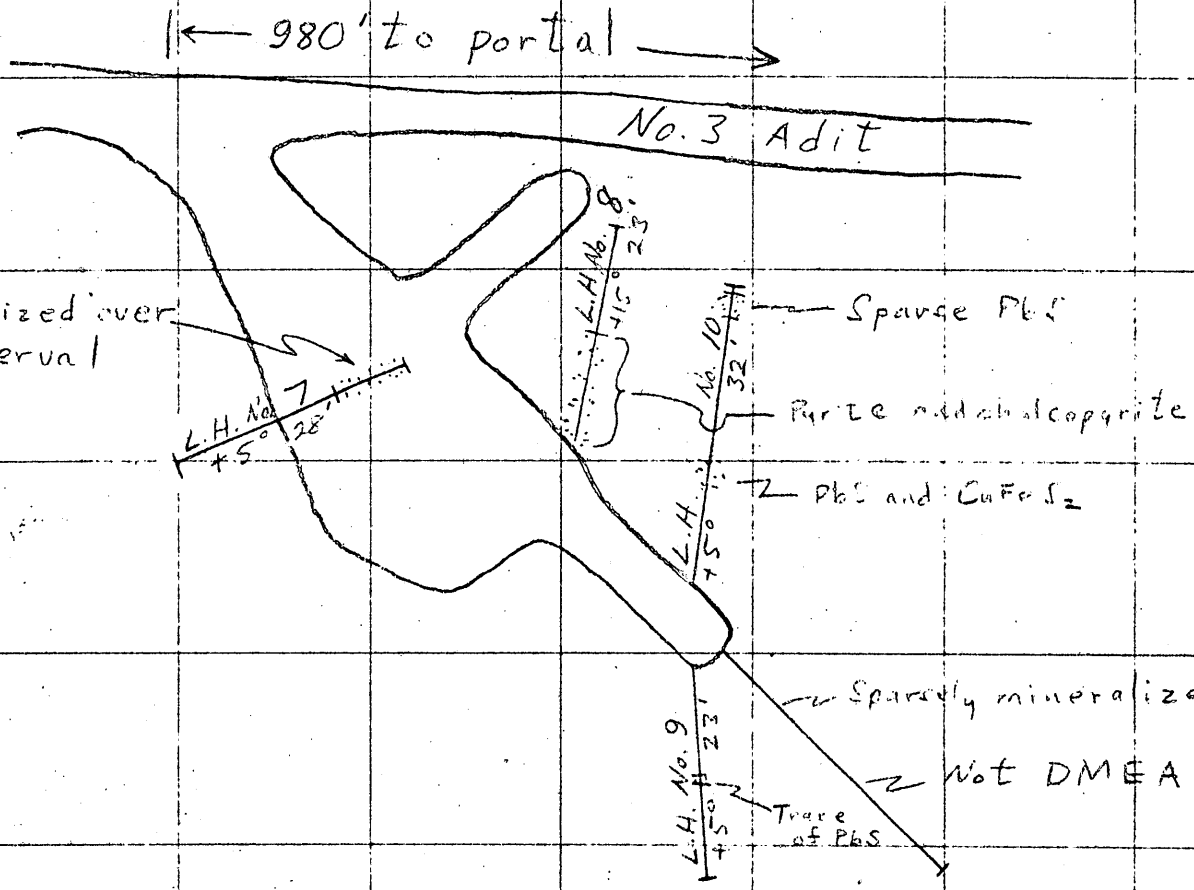

Figure 1.--MEASURE SKETCH
970 Drift S.E.
Idaho Consolidated Mines
Twin Peaks Mine
Lemhi County, Idaho
Idm-E 895
1 inch = 20 feet

After W.W.R., U.S.B.M.

J. A. Gendron Co., Spokane
"ALBANENE" NO. 190M K&E CO., N.Y. REG. U.S. PAT. OFF

DMEA
RECEIVED FEB 19 1958

DATE		DUE
2/19	C	220
2/20		800
2/20		500

1201 N. Division St.
Spokane 2, Washington

February 12, 1958

Mr. Edmund G. Wilson, President
Idaho Consolidated Mines, Inc.
4109 Arcade Building
Seattle 1, Washington

Re: Docket No. DMEA-3879 (lead-zinc)
Twin Peaks Mine
Lemhi County, Idaho
Contract No. Idm-2895

Dear Mr. Wilson:

This is in reply to your letter of February 7.

Your voucher for August-September 1956, which was submitted in May 1957, is now being processed for payment. We regret the delay in this matter; however, this voucher was inadvertently stapled to the bottom of your October-November 1957 voucher on which we must continue to withhold payment pending resumption of work in the spring of 1958.

Thank you for bringing this matter to our attention.

By Field Team, Region I

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

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

cc: DMEA (2)
USGS (2)
USBM (AD)

February 7, 1957

Administration

DMEA 3879
idm E-985

...ry is regarding our filing of December 13, ... May 27, 1957 for work done in November and ... August 1956.

... had no reply from this last filing, December ... while in your office in early December the filing ... discussed.

... Could you please let me know the status of this at ... convenience?

... best regards

Idaho Consolidated Mines, Inc.

Edmund G. Wilson--President

So. 157 Howard Street
Spokane 4, Washington

February 12, 1958

2/18 C 220
2/20 800
2/20 500

Mr. Edmund G. Wilson
Idaho Consolidated Mines, Inc.
4109 Arcade Building
Seattle 1, Washington

Re: Docket No. DMEA-3879 (Lead-Zinc)
Twin Peaks Mine
Lemhi County, Idaho
Contract No. Idm-2895

Dear Mr. Wilson:

This is in reply to your letter of December 16, 1957 and confirms your telephone conversation of February 10, 1958 with Don Alvord. We have evaluated the results of the Stage I long hole and diamond drilling and have concluded that further drilling would not, at this time, be the next logical step. The information gained from the down hole drilled from the west face of the No. 2 level indicates that the vein followed down by the winze from the No. 2 level warrants additional exploration. We believe that this can best be done by extending the already existing raise from the crosscut in the 1300 stope area an additional 130 feet. This raise should intersect the vein 180 feet below the exposure of ore in the bottom of the winze from the No. 2 level. Drifting and crosscutting from this new sublevel would determine the extent of the ore below the winze and might show that it would be feasible to mine above the No. 3 level by extending the 1525 stope.

We understand that you have already indicated to Mr. Alvord the corporation's willingness to participate in this work but we would appreciate a note from you confirming this desire. On confirmation of this we will ask the DMEA if the contract, which has now expired can be reinstated.

We believe that this is the best and probably the only chance of finding an ore body in this mine. However, we wish to point out to you that the raise probably will have to be cribbed and some timbering may be necessary on the new level. Moreover, Exhibit "A", Stage II, paragraph 2 states specifically that "All costs of timbering in excess of 100 feet shall be paid exclusively by the Operator without contribution by the Government.' This is

the maximum amount of timbering allowed under the contract and we doubt from past experience that it can be increased. Therefore, you should be prepared to meet the entire cost of timbering in excess of 100 feet. Moreover, the Government will only contribute to $30.20 per foot for raising, the same as for drifting and crosscutting.

By Field Team, Region I

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

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

cc: DMEA (2)
USBM (2)
USBM (AD)
Alvord

MINES: SALMO

IDAHO CONSOLIDATED MINES, INC.
4109 ARCADE BUILDING · SENECA 8356
SEATTLE 1, WASHINGTON

DEC

December 16, 1957

Defense Minerals Exploration Administration
1201 North Division
Spokane, Washington

Re Contract E-895

Gentlemen:

Enclosed please find five copies each of MF-104 and MF-104A.

I am sorry to have messed up the form with corrections as these are the only forms I had, I hope they will be acceptable. The error occured in mistakenly using $5.85 per foot for drilling rather than the correct one of $5.80.

The Long Hole drilling of 104 feet was done with your approval in the 970 area on the No. 3 level partly in the month of August 1957 and in the month of October 1957. Drill cutting by observation did not warrant assays.

This work to date finishes the "Stage One" of the contract as there is but a small amount of footage left on this stage for core drilling and would not be practical to use. The 120 feet of core drilling reported was done completely during the month of November 1957.

Before going further on the contract I would like to ask for a recess until Spring of 1958, or until May 30th 1958 in order that more evaluation of present work may be had. Should this work continue I would like to have you explore the possibility of converting some of Stage two work into further core drilling.

Yours very truly
Idaho Consolidated Mines, Inc.

Edmund H. Wilson

Edmund H. Wilson--President

OFFICIAL FILE COPY
DMEA
RECEIVED DEC 12 1957

DATE		CODE
12/12	C	220
12/12	[illegible]	800
12/13	all	500

So. 157 Howard Street
Spokane 4, Washington

December 5, 1957

Mr. Edmund G. Wilson
Idaho Consolidated Mines, Inc.
4109 Arcade Building
Seattle 1, Washington

Re: Docket No. DMEA-3879 (Lead-Zinc)
Twin Peaks Mine
Lemhi County, Idaho
Contract No. Idm-2895

Dear Mr. Wilson:

Our field men report that diamond drill hole No. 6, from the No. 2 level, has been completed and that the cored interval from 81.0 to 90.0 feet contain traces to significant amounts of lead and copper minerals. We feel that this interval should be sampled and assayed for gold, silver, copper, lead and zinc. Our geologist suggests that separate samples should be prepared and assayed individually as follows:

Core (ft.)	Sample no.
81.0 - 82.1	1
82.1 - 82.3	2
82.3 - 83.2	3
83.2 - 84.0	4
84.0 - 87.0	5
87.0 - 90.0	6

Sludge	Sample no.
84.0 - 87.0	5-S
87.0 - 90.0	6-S

Mr. W. M. Romischer of the U. S. Bureau of Mines expects to be at the Twin Peaks mine within the next few days and will be pleased to help your manager take the samples.

By Field Team, Region I

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

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

cc: DMEA (2) USBM (2)
Alvord USBM (AD)

So. 157 Howard Street
Spokane 4, Washington

November 5, 1957

11/12 11/12 11/15 11/12 220 800 500

Mr. Edmund G. Wilson
Idaho Consolidated Mines, Inc.
4109 Arcade Building
Seattle 1, Washington

Re: Docket No. DMEA-3879 (Lead-Zinc)
Twin Peaks Mine
Lemhi County, Idaho
Contract No. Idm-8895

Dear Mr. Wilson:

This is in reply to your letter of November 2, 1957, and confirms your telephone conversation of November 5 with Don Alvord.

We are pleased to learn that drilling has begun on the down hole from the No. 2 level. If, as Alvord advised you in telephone conversations on November 1 and again on November 5, the hole was started on a bearing of S. 18°-20° W. and inclined at minus 70°, it should intersect the vein about 100 feet down plunge below the toe of the winze. To be certain that the hole has gone through the vein, it should be drilled at least 10 feet past any showings of ore. Probably 120 feet of diamond drilling will be needed to complete this hole.

Our records show that 150 feet of diamond drilling and 149 feet of long-hole drilling remain under Stage I of the contract. If, as you suggest in your letter of November 2, the cost of the remaining long-hole drilling were applied to diamond drilling, 149 feet of long hole at the contract rate of $1.00 per foot would add only 25.7 feet of diamond drilling at the contract rate of $5.80 per foot. This amount added to the estimated 30 feet of diamond drill footage remaining under the contract after the down hole is completed would come only to 55.7 feet. Before the long hole drill footage could be converted to diamond drill footage we would have to ask for an amendment to the contract. We can think of no target in Twin Peaks mine that could be adequately tested by this small amount of drilling. Conversion of the remaining long-hole drilling, therefore, would not seem to be a very profitable move either from the Government's point of view or yours.

DMEA

Alvord expects to be at the Twin Peaks Mine late in the Week of November 10 and will at that time discuss this subject further with your mine manager, Mr. Rick Merrick.

By Field Team Region I

Wing G. Agnew, Acting Exec. Officer
U. S. Bureau of Mines

Donald R. MacLaren, Acting Member
U. S. Geological Survey

cc: DMEA (2) w/incoming
USBM (2) "
USBM(AD)
Albee "

MINES: SALMON, IDAHO

IDAHO CONSOLIDATED MINES, INC.

4109 ARCADE BUILDING • SENECA 6356
SEATTLE 1, WASHINGTON

November 2, 1957

Mr. Alvord.
cc
USBM
DMEA

Mr. A.E. Weissenborn
Executive Officer, DMEA
Field Team, Region I
So. 157 Howard Street
Spokane 4, Washington

Dear Mr. Weissenborn:

Thank you for your reply of November 1, 1957 relative to drilling down hole from No. 2 level.

In talking to Mr. Alvord and Mr. McLaren by phone yesterday I forgot to ask the "Length" of the hole you wish. I do not know the amount left of core drill hole that is available.

The thought occurred to me that there is also some long-hole drilling still available. If the core drill hole now in progress were to indicate further interest in more drilling from No.2 level could the long-hole drilling be converted to re-drilling of course a converted dollar basis? I know that this is about the reverse to that which I desired to do the last time I talked with you. I have in mind that the balance of the work could be finished quickly and that possibly more information on the geology could be had this way. It would of course be up to your Geologist, Mr. Alvord, to say what he would advise about this after he had been there. The main thought I have in mind is that it may be as feasible as possible for Mr. Alvord and not necessitate his having to consult me on any decision he might make. Doing this work on a small footage is resulting in a much high charge by the driller and if more work was done by him on this setting or immediate area I am sure that it would result in some better footage charge. If I seem impatient it is because I realize that poor conditions this time of year handicap us were the time to be productive.

need Alvord, 26.6 ft only

Mr. Alvord may be there before the present footage is done and could feel free to give directions within the contract. I am [illegible] a copy of this letter to Mr. Merrick, our manager, and I am sure that if conditions warrant it Mr. Alvord will feel free to act. I would appreciate a reply from you to this office as to your comments.

Yours very truly

Edmund G. Wilson

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NOV 4 1957

RECEIVED
NOV 12 1957
DATE | INITIAL

ORIGINAL FILE COPY
DMEA
RECEIVED NOV 7 1957

DATE	INITIALS	CODE
11/7	gb	220
11/7	[illegible]	800
11/7	[illegible]	500

So. 157 Howard Street
Spokane 4, Washington

November 1, 1957

Mr. Edmund G. Wilson
Idaho Consolidated Mines, Inc.
4109 Arcade Building
Seattle 1, Washington

Re: Docket No. DMEA-3879 (Lead-Zinc)
Twin Peaks Mine
Lemhi County, Idaho
Contract No. Idm-E895

Dear Mr. Wilson:

This is in reply to your letter of October 29, 1957, regarding drilling the down hole from the No. 2 level.

It looks now as though Mr. Donald C. Alvord, geologist of the Geological Survey, will be going to the Salmon area the middle or latter part of next week (November 6-9). His plans are not yet definite enough to be able to give you the exact day he will be able to set your drill hole; however, when he arrives in Salmon, he will get in touch with your superintendent and will arrange a time with him.

Sincerely yours,

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

cc: DMEA(2) w/2 cys incoming
DMEM(2) " "
DMEM(AD) w/cy incoming
Alvord " "

Dwear 2

MINES BUILDING

IDAHO CONSOLIDATED MINES, INC.

4109 ARCADE BUILDING • SINCE 1956

SEATTLE 1, WASHINGTON

Mac
al
Alvord
USBM
DMEA

October 29, 1957

Mr. Donald R. McLaren
U.S. Geological Survey
157 South Howard Street
Spokane 4, Wash.

Dear Mr. McLaren:

We have arranged with Campbell the core driller to do the 150 feet of core drilling from No.2 level downwardly. This drilling was desired by Mr. Alvord when he was last there and had presented a plan projected by Mr. Nicholson.

This will involve hauling our large compressor up to the portal of No 2 level in order to have enough air to do the job. Also we have an air line in there presently. Facilities for water are a problem but we think this will not present too much difficulty as we are anxious to get this part of the contract finished.

I would like to inquire from you when Mr. Alvord could set the time of the drill hole to his satisfaction. The last time he was there he said wanted to give that further consideration. Of course we have but a short to do it as snow conditions might possibly make it difficult later in Nov.

Would you advise me how soon as you could when Mr. Alvord might be the setting of the hole. The driller estimates that it would take out about three days to do it.

Yours very truly

Edwin [illegible] President

OFFICIAL FILE COPY
DMEA
RECEIVED NOV 7 1957

DATE	INITIALS	CODE

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

OFFICIAL FILE COPY
D M E A
RECEIVED SEP 9 1957

DATE	INITIAL	CODE
9-9	C	
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		500

September 5, 1957

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

Re: Docket No. DMEA-3879 (Lead-Zinc)
Idaho Consolidated Mines, Inc.
Twin Peaks Mine
Lemhi County, Idaho
Contract No. Idm-E895

Dear Mr. Selfridge:

Enclosed are the Government and Audit copies of Amendment No. 2 to the contract.

By copy of this letter, other copies of the amendment are being distributed.

Sincerely yours,

for D R MacLaren
A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region I

Enclosures

cc: Finance Office w/encl.
USBM (2)
Alvord

IDAHO CONSOLIDATED MINES, INC.

4109 ARCADE BUILDING • [illegible] 8356
SEATTLE 1, WASHINGTON

OFFICIAL FILE COPY
DMEA
RECEIVED SEP 9 1957

DATE	INITIALS	CODE
9-9	C	220
9/10	Jwa	500

August 29, 1957

DMEA 3479 9/17

Mr. Donald L. Maclaren
[illegible] Geological Survey
[illegible] Street
[illegible], Washington

[illegible] Maclaren:

[illegible] values [illegible]

[illegible] steel and the drill [illegible]

[illegible] Idaho Consolidated Mines, Inc.

Edmund G. Wilson--President

RECEIVED
SEP 3 1957
U.S.G.S.
[illegible], WASH.

OFFICIAL FILE COPY
DMEA
RECEIVED AUG 22 1957

DATE	INITIALS	CODE
8/22	C	220
8/22	[illegible]	800
8/22	[illegible]	500

So. 157 Howard Street
Spokane 4, Washington

August 16, 1957

Mr. Edmund G. Wilson
Idaho Consolidated Mines, Inc.
4109 Arcade Building
Seattle 1, Washington

Re: Docket No. DMEA-3879 (Lead-Zinc)
Idaho Consolidated Mines, Inc.
Twin Peaks Mine
Lemhi County, Idaho
Contract No. Idm-E895

Dear Mr. Wilson:

Thank you for your letter of August 12, 1957. We are sorry to learn that improper care was taken in collecting sludge samples, as of course without proper sample control the long holes are not worth much.

Payment for the core drilling done last year was withheld pending resumption of work suspended during the recess authorized in Amendment No. 1. As we explained to you, since work was not resumed by June 1, 1957, thecontract has been in default, and therefore the withheld funds could not be released.

Enclosed are an original and four copies of a proposed Amendment No. 2 extending the recess period to September 15, 1957, and fixing the completion date as December 10, 1957. If the terms and conditions of the amendment are satisfactory, please sign all copies, retain the one marked "Operator's Copy," and return the rest to us. If the terms and conditions are not satisfactory, please return all copies unsigned.

As soon as we receive the signed copies of Amendment No. 2, we can release the withheld funds. As the long hole drilling, authorized orally when you were in Spokane, constitutes resumption of work prior to the end of the extended recess period.

By Field Team, Region I

Wing G. Agnew, Acting Exec. Officer
U. S. Bureau of Mines

Donald R. MacLaren, Acting Member
U. S. Geological Survey

Enclosures
cc: DMEA(2); UMEM(2) UMEM(AD); Alvord

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
8/15	[illegible]	500
	[illegible]	500
8/15	[illegible]	130
[illegible]	[illegible]	110
"	[illegible]	100
8/16	[illegible]	225
		500

AUG 16 1957

WRGriswold/er Rm 4444, Ext. 3669

DMEA - Division of Base Metals

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

TELETYPE

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

Date:

To: Mr. A. E. Weissenborn, Executive Officer, DMEA
Field Team, Region I, Spokane, Washington

Reurtt August 14, 1957, Docket No. DMEA-3879, Idaho Consolidated Mines, Inc. Amendment No. 2 extending recess to September 15, 1957, mailed to you on August 12.

George C. Selfridge

Chairman, Operating Committee (216)

JWAlt/er 8/15/57
Copy to: Docket
Admr R File
Op. Committee
Mr. Bishop, USBM
Mr. Kiilsgaard, USGS
Chron.

8623

OFFICIAL FILE COPY
DMEA
RECEIVED AUG 15 1957

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YWB207 WAF SP 24 I-GS7G

SPOKANE WASH 8-14-57 1700U

GEORGE C SELFRIDGE CHAIRMAN OPERATING COMMITTEE DMEA,

WA

REOURLET JULY 3, DICKET DMEA 3879, IDAHO CONSOLIDATED MINES INC. APPLICANT RESUMED WORK DURING JULY AND IS REQUESTING RELEASE OF FUNDS BEING WITHELD. WILL OUR REQUEST FOR EXTENSION OF RECESS PERIOD FROM JUNE 1 TO AUGUST 15 BE APPROVED.

WING G AGNEW ACTING EXECUTIVE OFFICER DMEA REGION 1

3 3879 1 15

SLP 1705U

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
8/7	[illegible]	500
8/7	[illegible]	500
8/9	Martin	130
"	[illegible]	110
"	[illegible]	100
		220
8-8	Chambers	800
8-13	[illegible]	220
		500

AUG 12 1957

Mr. A. E. Weissenborn
Executive Officer
DMEA Field Team, Region I
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. Idm-3079 (Lead-Zinc)
Idaho Consolidated Mines, Inc.
Twin Peaks Mine
Lemhi County, Idaho
Contract No. Idm-3095

Dear Mr. Weissenborn:

We are enclosing the original and four copies of a proposed Amendment No. 2 (3 pages) to the cited contract, signed by the Administrator, Defense Minerals Exploration Administration. Also enclosed are two extra copies of the Amendment for the use of the Field Team. This amendment has been prepared in conformance with your letter dated July 3, 1957.

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

Sincerely yours,

W. S. Martin
ACTING Chairman, Operating Committee

Enclosures

JWAlt/bjm (8/7/57)

APPROVED:

P. F. Yopes
Member, Bureau of Mines

N. E. Nelson
Member, Geological Survey

Copy to: Docket
Admr. R. File
Op. Committee
Mr. Bishop
Mr. Kiilsgaard
Chron.

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
7/17	[illegible]	500

500

July 17, 1957

Memorandum

To: Associate Solicitor, Division of Mineral Resources

From: Director, Division of Base Metals

Subject: Preparation of Amendment No. 2 for Docket No. DMEA-3879, Idaho Consolidated Mines, Inc., Twin Peaks Mine, Lemhi County, Idaho, Contract No. Idm-E895, Lead Zinc.

Will you please prepare an Amendment No. 2 for the cited contract. This amendment will extend the recess period to August 15, 1957, and if work is not resumed, then the contract should be automatically terminated as of November 1, 1956. Amendment No. 1 suspended operations from November 1, 1956, to June 1, 1957. Work was not resumed on June 1, 1957.

Please refer to the letter, dated July 3, 1957, to Mr. George Selfridge from the Executive Officer, DMEA Field Team, Region I.

W. R. Griswold

JWAlt/er
Copy to: Docket
Chron.

8623

500

OFFICIAL FILE COPY
DMEA
RECEIVED JUL 8 1957

DATE	INITIALS	CODE
7-8	C	220
		130
7/10	Cell.	500

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

July 3, 1957

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

Re: Docket No. DMEA-3879 (Lead-Zinc)
Idaho Consolidated Mines, Inc.
Twin Peaks Mine
Lemhi County, Idaho
Contract No. Idm-E895

Dear Mr. Selfridge:

Enclosed are two copies of a letter dated June 28, 1957, from Edmund G. Wilson, President, Idaho Consolidated Mines, Inc., requesting an extension of the recess period authorized in Amendment No. 1 of Contract Idm-E895, and asking whether or not it will be possible to convert the drilling footage remaining in Stage I to drifting.

As the enclosed letter does not state how long an extension of the recess period is desired, we telephoned Mr. Wilson and he asked for 60 days. He also said that he expects to call at the Spokane office to discuss changes in the program.

There remain 150 feet of diamond drilling under Stage I and if that were converted to drifting, it would provide for only about 29 feet of drift. The results of the drilling already completed have not been encouraging and have not indicated a favorable objective for any Stage II work. There is one possible drilling target remaining which if drilled successfully might justify raising from the No. 3 adit level and drifting. This would require most of the diamond drill footage remaining under Stage I. This final drill hole has been suggested to the Operator but so far he has not been very receptive of the suggestion, preferring to long hole and crosscut more or less at random, for his own account.

In order to keep the contract alive long enough to give the Operator a reasonable amount of time to discuss this program further, we recommend that an amendment be prepared to extend the

present recess from June 1, 1957 to August 15, 1957 provided that, if contract work is not resumed by August 15, 1957, the contract be automatically terminated as of November 1, 1956.

By Field Team, Region I, NW Dist.

Donald R. MacLaren

Donald R. MacLaren
Alternate Acting Exec. Officer
U. S. Geological Survey

S. W. Zoldok

S. W. Zoldok, Acting Member
U. S. Bureau of Mines

Enclosures

cc: USBM (2)
USBM (AD)
Nickelson

IDAHO CONSOLIDATED MINES, INC.
4109 ARCADE BUILDING • SENECA 8356
SEATTLE 1, WASHINGTON

OFFICIAL FILE COPY
DMEA
RECEIVED JUL 8 1957

DATE	INITIALS	CODE

June 28, 1957

Mr. Donald R. MacLaren
Acting Executive Officer
U.S. Geological Survey
South 157 Howard Street
Spokane 4, Washington

Contract No. DMEA-[illegible]
Contract No. Idm-[illegible]

DMEA

Dear Mr. MacLaren:

Replying to your letter of June [illegible], 1957.

It is true that no work has been [illegible] for the contract at the Twin Peaks Mine. At the time the [illegible] requested we [illegible] be [illegible] the [illegible] than we [illegible] To add to this we had the [illegible] This has made it necessary [illegible] battery replacements which have just recently been delivered to the property as well as send out the locomotive for repair.

We would like to apply for an additional recess under the contract in order that we may have time to organize our resources and attention to the problem.

We have in mind asking you if it would be possible to convert the small remaining amount of [illegible] left under stage one to drifting on the No. 3 Level. We have done a small amount of drifting on No. 2 level rather than long hole drilling.

Yours very truly
Idaho Consolidated Mines, Inc.

By:

Edmund G. Wilson—President

cc:

OFFICIAL FILE COPY
D M E A
RECEIVED JUN 28 1957

DATE	INITIAL	CODE
28	C	220
6/28	[illegible]	800
7/1	alh	500

So. 157 Howard Street
Spokane 4, Washington

June 24, 1957

Mr. Edmund G. Wilson
Idaho Consolidated Mines, Inc.
4109 Arcade Building
Seattle 1, Washington

Re: Docket No. DMEA-3879 (Lead-Zinc)
Idaho Consolidated Mines, Inc.
Twin Peaks Mine
Lemhi County, Idaho
Contract No. Idm-8895

Dear Mr. Wilson:

Under the terms of Amendment No. 1, work at the Twin Peaks mine should have been resumed not later than June 1, 1957. Our engineers visited the property June 5, 1957 and report that there has been no work done under the contract since the period of recess started.

Will you please advise us of a firm date by which contract work will be resumed so we can request an amendment extending the period of recess.

By Field Team, Region I, NW Dist.

Donald R. MacLaren
Alternate Acting Exec. Officer
U. S. Geological Survey

S. W. Zoldok, Acting Member
U. S. Bureau of Mines

cc: DMEA (2)
USBM (2)
USBM (AD)
Nickelson

P O BOX 1980

UNITED STATES SMELTING REFINING AND MINING COMPANY

NEWHOUSE BUILDING

SALT LAKE CITY 10, UTAH

June 3, 1957

DMEA - 3879

Idaho - Consolidated Mines

OFFICIAL FILE COPY
DMEA
RECEIVED JUN 10 1957

DATE	INITIALS	CODE
6-10	C	220
6/10	[illegible]	800
6/10	Jute	500

DMEA

Mr. Wing G. Agnew
Acting Executive Officer, DMEA
Field Team, Region I, NW District
South 157 Howard Street
Spokane 4, Washington

Mr. Agnew, we have the copy of Mr. MacLaren's letter of May 29th to Mr. Edmund G. Wilson, President, Idaho Consolidated Mines, Inc.

For your information, a payment was made to the Defense Minerals Exploration Administration, and sent to South 157 Howard Street, Spokane, Washington.

Cordially,

Blaine Watts
Ore Buyer

BW:elb

cc: Mr. Edmund G. Wilson

OFFICIAL FILE COPY
DMEA
RECEIVED JUN 3 1957

DATE	REMARKS	CODE
6/3	C	220
6/9		800
6/6	alt	500

So. 157 Howard Street
Spokane 4, Washington

May 29, 1957

Mr. Edmund G. Wilson, President
Idaho Consolidated Mines, Inc.
4109 Arcade Building
Seattle 1, Washington

Re: Docket No. DMEA-3879 (Lead-zinc)
Twin Peaks Mine
Lemhi County, Idaho
Contract No. Idm-2395

Dear Mr. Wilson:

Thank you for your letter of May 23, 1957, enclosing a copy of your instructions to the United States Smelting and Refining Company instructing them to send payment of royalty due the Government to this office.

The Smelter should also have been requested to make checks payable to the Defense Minerals Exploration Administration, and to accompany each payment with copies of the settlement sheets pertinent to each payment.

To clarify the latter points and to supplement your letter to the Smelter, we are sending a copy of this letter to Mr. Watts.

Sincerely yours,

D. R. MacLaren
for: Wing G. Agnew
Acting Executive Officer, DMEA
Field Team, Region I, NW District

cc: Mr. Blaine Watts
U. S. Smelting & Refining Co.
Newhouse Bldg.
Salt Lake City, Utah

DMEA (2) w/2 copies of incoming & encl.
USBM (2)
USBM (AD)
CPF
Nickelson

MINES: SALMON, IDAHO

IDAHO CONSOLIDATED MINES, INC.

4109 ARCADE BUILDING • SENECA 8356
SEATTLE 1, WASHINGTON

[illegible] W. Weissenborn
[illegible] Officer, DMEA
[illegible] States Department of Interior
[illegible] Edward Street
[illegible] 1, Washington

Dear Mr. Weissenborn:

Enclosed is a [illegible] the smelter [illegible] Lake City. I hope [illegible] of doing [illegible]. If not please inform [illegible].

The first [illegible] week and I [illegible] tarp [illegible]

[illegible] we run [illegible] expect to [illegible]

I [illegible] price of [illegible] insolubles [illegible].

/s/ [illegible]

DMEA

OFFICE FILE COPY
DMEA
RECEIVED [illegible] 1957
DATE [illegible] INITIALS CODE

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

OFFICIAL FILE COPY
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April 1, 1957

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

Re: Docket No. DMEA-3879 (Lead-Zinc)
Idaho Consolidated Mines, Inc.
Twin Peaks Mine
Lemhi County, Idaho
Contract No. Idm-E895

Dear Mr. Selfridge:

Enclosed are the Government, Docket, and Division copies of Amendment No. 1 to the contract.

By copy of this letter, other copies of the amendment are being distributed.

Sincerely yours,

A E Weissenborn

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

Enclosures

cc: Finance Office w/encl.
USBM (2)
Nickelson

Amendment

So. 157 Howard Street
Spokane 4, Washington

March 12, 1957

OFFICIAL FILE COPY
DMEA
RECEIVED MAR 18 1957

DATE	INITIALS	CODE
3/18	C	220
3/18		800
3/21	jwa	500

Mr. Edmund G. Wilson, President
Idaho Consolidated Mines, Inc.
4109 Arcade Building
Seattle 1, Washington

Re: Docket No. DMEA-3879 (Lead-Zinc)
Twin Peaks Mine
Lemhi County, Idaho
Contract No. Idm-E895

Dear Mr. Wilson:

In reference to your recent telephone conversation with the Executive Officer, if you do not intend to sign the proposed Amendment No. 1 to your contract, will you please return all six copies, unsigned, to this office at your earliest convenience.

By Field Team, Region I, NW Dist.

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

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

cc: DMEA (2)
USBM (2)
USBM (AD)
Nickelson

(Note: Amendment 1 mailed to Operator January 2, 1957, and a follow-up letter was written February 19, 1957.)

OFFICIAL FILE COPY DMEA RECEIVED FEB 25 1957		
DATE	INITIALS	CODE
2/25	C	220
2/27	[illegible]	800
		225

xxxxxxxxxxxxxxxxxx
So. 157 Howard Street
Spokane 4, Washington

February 19, 1957

Mr. Edmund G. Wilson, President
Idaho Consolidated Mines, Inc.
4109 Arcade Building
Seattle 1, Washington

Re: Docket No. ~~DMEA-3879 (Lead-Zinc)~~
Twin Peaks Mine
Lemhi County, Idaho
Contract No. Idm-M895

Dear Mr. Wilson:

On January 2, 1957, we forwarded you the original and five copies of a proposed Amendment No. 1 to your contract, authorizing a recess starting November 1, 1956, and ending not later than June 1, 1957, and extending the time for completion of the work from November 1, 1956 to November 10, 1957. We asked that you sign all copies and return all but the one marked "Operator's copy," if the amendment meets with your approval, or to return all copies unsigned with your comments if it is not acceptable. To date we have received no reply.

As your contract has been in default since November 1, 1956, we would appreciate a prompt reply.

By Field Team, Region I, NW District

Wing G. Agnew, Acting Exec. Officer
U. S. Bureau of Mines

Donald R. MacLaren, Acting Member
U. S. Geological Survey

cc: DMEA (2)
USBM (2)
Nickelson

USBM (AD)

OFFICIAL FILE COPY DMEA RECEIVED JAN 7 1957		
DATE	INITIALS	CODE
1/8/57	EW	800
		225

xxxxxxxxxxxxxxxxx
So. 157 Howard Street
Spokane 4, Washington

January 2, 1957

Mr. Edmund G. Wilson, President
Idaho Consolidated Mines, Inc.
4109 Arcade Building
Seattle 1, Washington

Re: Docket No. DMEA-3879 (Lead-Zinc)
Twin Peaks Mine
Lemhi County, Idaho
Contract No. Idm-E895

Dear Mr. Wilson:

Our Washington office has prepared the original and five copies of the enclosed Amendment No. 1. This amendment, among other things, provides for a suspension of contract work for the period beginning November 1, 1956, and ending not later than June 1, 1957. Project work may be resumed anytime between these dates.

If this amendment meets with your approval, would you please sign all copies and return all but the copy marked for the Operator. If the amendment does not meet with your approval, please return all copies with your comments.

Sincerely yours,

A. E. Weissenborn

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

Enclosures

cc: DMEA (2)
USBM (2)
USBM (AD)
Nickelson

File Copy
Surname
J. Alt
Fiewell
Chandler
Selfridge
Johnson
Mathews

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

500

Mr. A. E. Weissenborn
Executive Officer
DMEA Field Team, Region I
Northwest District
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMEA-3879 (Lead-Zinc)
Idaho Consolidated Mines, Inc.
Twin Peaks Mine
Lemhi County, Idaho
Contract No. Idm-2895

Dear Mr. Weissenborn:

We are enclosing the original and five copies of Amendment No. 1 to the cited contract, signed by the Administrator. Also enclosed are two extra copies for the use of the Field Team. This amendment has been prepared in conformance with your letter dated November 28, 1956.

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

Sincerely yours,

Enclosures

Chairman, Operating Committee (246)
WWALT/er 12/12/56

APPROVED:

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

(246)
Member, Bureau of Mines

(246)
Member, Geological Survey

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D. C.~~
So. 157 Howard Street
Spokane 4, Washington

RECEIVED DEC 17 1956 D.M.E.A.

December 11, 1956

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

Re: Docket No. DMEA-3879 (Lead-Zinc)
Idaho Consolidated Mines, Inc.
Twin Peaks Mine
Lemhi County, Idaho
Contract No. Idm-E895

Dear Mr. Selfridge:

Apparently our letter of November 28 and yours of December 5, 1956, regarding the status of work at the Twin Peaks Mine crossed in the mails. Our letter of November 28 asks for an amendment to extend the contract completion date and to authorize a recess.

In the event our letter became lost between here and Washington, we are enclosing two additional copies.

Representatives of the company have not yet visited the office to discuss project work. As soon as this conference has taken place, we will no doubt have certain recommendations to make.

By Field Team, Region I, NW District.

Wing G. Agnew
Wing G. Agnew, Acting Exec. Officer
U. S. Bureau of Mines

Donald R. MacLaren
Donald R. MacLaren, Acting Member
U. S. Geological Survey

Enclosures

cc: USBM (2)
USBM (AD)
Nickelson

File Copy
Surname
J. Lee

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

December 7, 1956

Memorandum

To: Associate Solicitor, Division of Mineral Resources

From: Chief, Base Metals Division

Subject: Preparation of Amendment No. 1 for Contract No. Idm-E895, Docket No. DMEA-3879, Idaho Consolidated Mines, Inc., Twin Peaks Mine (Lead-Zinc), Lemhi County, Idaho

Will you please prepare Amendment No. 1 for the cited contract. This amendment is to increase the completion time to two years from the date of the Contract, or to November 10, 1957. Also, the work of the project is to be recessed from November 1, 1956 to June 1, 1957.

The royalty payment period is to be increased from 10 to 11 years.

Please refer to the letter to Mr. George C. Selfridge from A. E. Weissenborn, dated November 28, 1956.

W. R. Griswold

JWAlt/er

Copy to: Docket
Base Metals
Chron.

File Copy
Surname
J. Lee
Approved
Selfridge
Fergusson
Matthews

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

DEC 5 1956

Mr. A. E. Weissenborn
Executive Officer
DMEA Field Team, Region I
Northwest District
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMEA-3879 (Lead-Zinc)
Idaho Consolidated Mines, Inc.
Twin Peaks Mine
Lemhi County, Idaho
Contract No. Idm-E895

Dear Mr. Weissenborn:

Will you please advise us regarding the status of the cited project. The last MF-104 we have in our files is for the months of June, July and August 1956. We presume that no work was done after August, as a letter attached to the MF-104 to Mrs. Myrtle Purdy from the Operator, dated September 26, 1956 states:

> "Therefore the past month and a half has taken all of my time to negotiate the construction of a bridge there which I expect will be complete about October 21st, 1956. After that date I expect to be in Spokane and will call upon you people."

The letter to you from the Operator as of the same date practically contains the same information as the one to Mrs. Purdy.

Under the terms of the contract, the work of the project was to be completed on or before November 1, 1956. If the project is in recess and an extension of completion time is necessary, we would appreciate receiving your recommendations and comments regarding this contract at your earliest convenience.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

APPROVED:

Frank D. Lamb
Member, Bureau of Mines

Thor H. Kiilsgaard
Member, Geological Survey

JWAlt/er 12/3/56
Copy to: Docket
Admr R File
Op. Committee
Base Metals
Mr. Bishop, USBM - Chron
Mr. Kiilsgaard, USGS

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.
So. 157 Howard Street
Spokane 4, Washington

RECEIVED
DEC 3 1956
D.M.E.A.

November 28, 1956

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

Re: Docket No. DMEA-3879 (Lead-Zinc)
Idaho Consolidated Mines,
Twin Peaks Mine
Lemhi County, Idaho
Contract No. Idm-E895

Dear Mr. Selfridge:

Contract work has been unavoidably delayed by the need to install a new bridge across the Salmon River. However, some company work, comprising rehabilitation of the No. 2 level, has been slowly progressing, and two ore occurrences have been found. One of these, found entirely on company account, is on the No. 2 level, and the other, picked up by DMEA long-hole drilling, is on the No. 3 level. These occurrences are briefly described in an Interim Inspection Report dated November 23, 1956, by D. D. Walker, Mining Engineer of the U. S. Bureau of Mines, four copies of which are enclosed.

In an Interim Inspection Report dated September 13, 1956, H. B. Nickelson, Geologist of the U. S. Geological Survey, discusses certain recommendations for modifying the contract to allow a down hole to be diamond drilled from the end of the No. 2 level cross-cut, and a recess period to permit construction of a bridge across the Salmon River.

In a letter dated September 26, 1956, Mr. Edmund G. Wilson, President of Idaho Consolidated Mines, Inc., stated that he would call at the Spokane office to discuss with the Field Team, the problem of finishing the drilling. The Field Team has been awaiting their visit before making any recommendations regarding this contract.

In view of the two ore showings recently found and the results of the drilling completed to date, which have been only partly successful, a reappraisal of the project should be made.

Therefore, the Field Team recommends that an amendment be prepared extending the contract completion date from November 1, 1956, to November 1, 1957, and that a recess be authorized for the period from November 1, 1956 to June 1, 1957. The recess is necessary because of the inaccessibility of the property during the winter months. A complete reappraisal of the project will be made in order to determine the most feasible way to follow up the recent ore finds, whether they justify participation in Stage II, and, if so, what, if any, changes should be made in Stage II.

By Field Team, Region I, NW District

A. E. Weissenborn

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

Thomas E Howard

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

Enclosure

cc: USBM (2)
USBM (AD)
Nickelson

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
1201 N. Division St.
Spokane 2, Washington

RECEIVED
OCT - 8 1956

October 3, 1956

Mr. Edmund G. Wilson, President
Idaho Consolidated Mines, Inc.
4109 Arcade Building
Seattle 1, Washington

Re: Docket No. DMEA-3879 (lead-zinc)
Twin Peaks Mine
Lemhi County, Idaho
Contract No. Idm-E895

Dear Mr. Wilson:

On your April and May MF-104 you listed assays in the amount of $59.50 for which you were reimbursed although no invoice or assay results were sent to the DMEA office. It will be necessary to withhold the sum of $59.50 from your next MF-104 until the assay results and invoice for these assays are received.

When you send in drill logs in the future please send us 5 copies just as you do with the narrative. A typewritten tabulation (in 5 copies) of the drill hole data will suffice; it is not necessary to have copies on the printed form used for drill logs.

Sincerely yours,

Wing G. Agnew, Acting Exec. Officer
DMEA Field Team, Region I, NW District

cc: DMEA (2)
USGS (2)
USBM (AD)

MINES: SALMON, IDAHO

IDAHO CONSOLIDATED MINES, INC.

4109 ARCADE BUILDING • SENECA 8356
SEATTLE 1, WASHINGTON

RECEIVED
OCT - 1 1956

September 26, 1956

Mr. A.E. Weissenborn, Exec. Officer
U.S. Geological Survey
S. 157 Howard Street
Spokane, Washington

Re: Docket No DMEA-3879
Twin Peaks Mine
Lemhi County, Idaho

Dear Mr. Weissenborn:

I have enclosed under separate cover to 1201 North Division Street, Spokane Washington, the core drill logs and forms 104 and MF 104A on 309 feet of hole No.3. I have also enclosed for your information the core drill log on what we have designated as "holes 4, 5 and 6", these holes we had drilled on our own initiative and I felt that you would like to have these logs for as much information as possible on the Twin Peaks mine. We of course do not include these holes in Mf-104 and MF-104A.

As you no doubt know the bridge to the mine across the Salmon Rive was lost in early June. This of course made the core drilling program doubly slow and more costly to us. As it is nearly impossible to employ mariner-miners, and for that matter mariner-core drillers, since the employes have to navigate the river by means of rowboat, we feel that our attention should be directed to obtaining a bridge while the river is low. Consequently we have negotiated for a standard steel highway bridge, and the Company has taken the responsibility to erect, and to some degree the cost, and it is expected that this bridge will be completed on or before the 21st October 1956.

Since this bridge has required a great deal of my time I have been unable to come to Spokane and consult with you. As soon as this is completed I will endeavour to make this return trip via Spokane and I would to discuss with you the problem of finishing the contracted core drill footage.

Yours very truly

Edmund G. Wilson—President

xxxxxxxxxxxxxxxxxx
So. 157 Howard Street
Spokane 4, Washington

Mr. Edmund G. Wilson, President
Idaho Consolidated Mines, Inc.
4139 Arcade Bldg.
Seattle 1, Washington

August 15, 1956

Re: Docket No. DMEA-3879 (Lead-Zinc)
Twin Peaks Mine
Lemhi County, Idaho
Contract No. Idm-5835

Dear Mr. Wilson:

The Field Team has studied the results of the completed diamond drilling and how to use the balance of the diamond drilling which amounts to approximately 253 feet. Two holes are suggested.

RECEIVED AUG 20 1956

The first hole is near the face of the No. 3 adit as shown on the plan map and Section A-A'. This hole should strike S. 83° E. and dip downward 53° for 150 feet. The purpose of this hole is to determine if the ore below the stopes improves with depth.

It is suggested that the second and most important hole be located near the end of the crosscut on the No. 2 adit as shown on the plan map and Section A-A'. The strike of this hole will be approximately S. 32 W. dipping downward approximately 61° for 100 feet. The purpose of this hole is to determine if the high-grade ore shoot in the winze between the two faults continues 100 feet below the bottom of the present winze.

Please inform this office how you regard this suggestion. If you have any alternate plan we will be glad to consider it at this time. An amendment to the contract will probably be required but this can be made in this office. However, we should agree on future plans before making the amendment. A decision should be made as soon as possible as Howard Nickelsen will be in the area the last week in August and he could locate these holes at that time.

A copy of this letter is being mailed to Salmon in case you are not in Seattle.

By Field Team, Region I, Mr District

Enclosures 2

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

cc: Idaho Consolidated Mines, Inc.
Twin Peaks Mine
Salmon, Idaho
c/o Mr. Merrick

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

DMEA (2) w/encl.
USGM (2) "
USBM (AD) " Nickelsen

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

July 10, 1956

Memorandum

To: Administrator

From: George C. Selfridge, Special Assistant

Subject: Examination Trip
Docket No. DMEA-3879 (Copper-Antimony-Lead)
Polaris Mining Company
Polaris East Exploration Project
Shoshone County, Idaho
Contract No. Idm-E541

The Polaris mine is entered through the Polaris adit. It takes ten minutes on the train to reach the shaft. The ore train consists of fifteen 2.5 ton Coeur d' Alene type cars. A Coeur d' Alene hoist serves the shaft. Ore is hoisted at 2000 feet per minute and men at 1200 feet. The cage was taken to the 3000-foot Level from where it is more than 11000 feet to the face. The DMEA drift is large in section and makes little water. Victaulic pipe is used throughout. Vent pipe is two feet in diameter. The face round consists of from 30 to 35 holes which pull an average of five feet. The drift for the most part parallels the bleached country rock which dips quite steeply. The bleached zone is more than 1000 feet wide, and learning of this width changed the writer's conception of the target being explored. He thought that it was a narrow zone rather than a good part of the St. Regis formation.

A short examination was made of the limited section of the Coeur d' Alene mine vein which was exposed by the DMEA drift. The vein is quite narrow, but high grade.

A stop was also made to examine the short ore shoot on the Wire Silver vein. The shoot is only 20 feet in length and could be easily mined by an oversized raise. In connection with this short ore shoot, the company geologist mentioned that recent work throughout the mine had only found smatterings of ore where formerly almost all work developed sizable showings. He appeared quite discouraged. Only diamond drilling was being done. A drill hole had intersected ore at 495 and 512 feet. The hole being drilled at the time of the examination

ahead of this hole had passed 650 feet and had encountered nothing. A hole 400 feet back from the ore hole had also encountered nothing. Apparently the cores of the ore hole had been poorly split and the engineer had included too much core in the length assayed. It was believed that only 0.7 of a foot of high grade existed in one section of the core. Core boxes hold 40 feet of EX core and cost approximately $5.00.

Returning to the shaft took one-half hour because of the poor train setup. When questioning the Field Team about the target, the writer learned that the Rainbow vein, the zone of which had been reached by the DMEA drift, had never had any stoping. Mr. Fryklund believes that the bleaching in the Coeur d' Alene area could also represent hydrothermal waters rather than ore solutions. The writer would agree with this opinion. There is a shortage of air in the DMEA face. The writer did not notice one air receiver throughout the length of the DMEA drift. When checking with Mr. Erickson, he stated there were none.

George C. Selfridge

George C. Selfridge

XXXXXXXXXXXXXXXXXX
1201 N. Division Street
Spokane 2, Washington
June 15, 1956

RECEIVED
JUN 25 1956

Idaho Consolidated Mines, Inc.
4109 Arcade Building
Seattle 1, Washington

Re: Docket No. DMEA 3879 (lead-zinc)
Contract No. Idm-E895
Idaho Consolidated Mines, Inc.

Gentlemen:

This is to inform you that payment could not be made in the full amount claimed under the subject voucher. The disallowance is explained in the attached copy of a memorandum to the Field Team from the certifying officer, Region I.

Your attention is directed to the request for additional data in the last paragraph of this memorandum.

By Field Team, Region I, NW

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

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

cc: DMEA (2)
USGS (2)

RECEIVED
JUN 25 1956

DMEA Field Team, Region I, NW

June 15, 1956

DMEA Certifying Officer, Region I

Docket DMEA 3879, Contract Idm-8895, Idaho Consolidated Mines, Inc.
Operating report for April and May, 1956.

The subject operating report has been received and processed for payment.

The operator claimed costs of $69.00 covering 17 assays. The contract allows a maximum cost of $3.50 each for assays. Therefore, a disallowance of $9.50 has been made.

We are approving a charge of $59.50 for these assays although no assay results or invoices were sent in. However, it will be necessary to disallow this item when processing the next voucher submitted unless assay results are received to support the claim. It is suggested the operator be requested to supply the necessary data.

Myrtle Purdy

cc: Operator
DMEA (2) ✓
USGS (2)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

RECEIVED
JUN - 6 1956

June 4, 1956

Mr. Edmund G. Wilson, President
Idaho Consolidated Mines, Inc.
4189 Arcade Building
Seattle 1, Washington

Re: Docket No. DMEA-3879 (Lead-Zinc)
Twin Peaks Mine
Lemhi County, Idaho
Contract No. Idm-2895

Dear Mr. Wilson:

Following are the locations of samples cut from the sludge and core of Holes 1 and 2 during the last inspection:

Sample	Hole	Feet	
479 B	Hole No. 1	5-7	Core
480 B	Hole No. 2	176-178	Sludge
481 B	"	178-182	"
482 B	"	182-189	"
483 B	"	189-194	"
484 B	"	194-197	"
485 B	"	212-214.6	Core

Sincerely yours,

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

cc: DMEA (2)
USBM (2)
USBM (AD)
Nickelson

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

RECEIVED
APR 20 1956

April 16, 1956

Edmund G. Wilson, President
Idaho Consolidated Mines, Inc.
4189 Arcade Building
Seattle 1, Washington

Re: Docket No. DMEA-3879 (Lead-Zinc)
Twin Peaks Mine
Lemhi County, Idaho
Contract No. Idm E-695

Dear Mr. Wilson:

Mr. Howard Nickelson of this office examined the drill cutting from Hole No. 6 and he did not find sufficient values to warrant sending the samples for assay.

The Union Assay Company of Salt Lake City failed to forward the assay report from Hole No. 5 to this office. Would you please send those results to us as soon as convenient.

We would appreciate being informed a few days in advance of the completion of the first diamond drill hole so we can arrange to have the core examined and locate the other two holes.

Sincerely yours,

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

cc: DMEA (2)
USBM (2)
USBM (AD)
Nickelson

Alley
Docket

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

MAR 20 1956

Mrs. Myrtle Purdy
Authorized Certifying Officer
Bureau of Mines
1201 North Division Street
Spokane 2, Washington

Re: Idaho Consolidated Mines, Inc.
Idm-E895, DMEA-3879

Dear Mrs. Purdy:

It is noted that payment of a voucher in the amount of $125.00 for the above referenced contract is indicated on your February Supporting Schedule for Monthly Report, Strategic and Critical Minerals Exploration Program.

Since the Washington office has no record of the receipt of such voucher it will be appreciated if you will forward the usual two copies at your earliest convenience.

Sincerely yours,

Jay L. Chambers, Chief
Contract Administration
and Audit Division

AMAlley/ama
March 20, 1956

Copies to: Docket
Admr. Reading File
Mr. Chambers

P.C.F.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON, D. C.~~
No. 157 Howard Street
Spokane 4, Washington

RECEIVED
MAR 16 1956

March 12, 1956

Edmund O. Wilson
Idaho Consolidated Mines, Inc.
4109 Arcade Building
Seattle 1, Washington

Re: Docket No. 3879 (Lead-Zinc)
Twin Peaks Mine
Lemhi County, Idaho
Contract No. Idm-3895

Dear Mr. Wilson:

During your recent visit to the Spokane office you informed us that you had a driller available to start drilling.

The Field Team recommends, after considering the recent discovery, that the first hole be drilled from the station that was cut approximately 95 feet beyond the first raise in the main crosscut. This hole should be drilled in the same direction as the main crosscut or N. 89° W. The inclination of this hole should be up 60 degrees which will intersect the veins approximately half way between the two levels. Drill this hole at least 250 feet.

The direction and inclination of the second hole will be determined during Nickelsen's field examination during the week of March 18-24.

Payment for the drifting now being done is doubtful because the contract states that the work under Stage I (drilling) must be completed and evaluated before the Government can give written approval allowing Stage II.

Because the amount of footage provided in the contract for drifting, crosscutting and raising is very small there is a distinct advantage in waiting until the diamond drilling is completed so as to be sure that the best use will be made of the available footage. We agree that the crosscutting and drifting you have done is justified by the findings of long holes 5 and 6 and it is possible, but not certain, that we can amend the contract so that DMEA can participate in the work. However, you should be aware before doing more work that there is a risk that DMEA cannot participate. We understand that the Idaho Consolidated Mining Company is quite willing to do this drifting on its own account.

In this case the footage provided for in the contract could be used later for such additional crosscutting, drifting or raising as seems desirable provided, of course, that further exploration provides an objective to be tested in this manner.

The following samples are being sent to the Union Assay Office at Salt Lake for assay:

Hole No. 3	48'	to 50'	Sample No.	425B
" No. 4	42'	to 43'	"	426B
" No. 5	9'	to 15'9"	"	427B
" No. 5	16'3"	to 22'	"	428B
" No. 5	22'	to 26'	"	429B
" No. 5	26'	to 36'	"	430B
" No. 5	36'	to 38'9"	"	431B
" No. 5	38'9"	to 41'6"	"	432B
" No. 5	41'6"	to 47'	"	433B
" No. 5	47'	to 50'	"	434B

All samples are to be assayed for gold, silver, lead, zinc and copper. The estimated cost of assaying is $45.00. The Field Team will request the Union Assay to bill the Idaho Consolidated Mines, Inc. at your Seattle office. We will request that a copy of the assay results be sent us. Approximately a tablespoon of each sample was panned and observed by microscope to determine if the cuttings contained any ore minerals. The samples listed above were the only ones that appear to have sufficient ore minerals to warrant sampling. The reject samples will be kept until the assay results have been received as some of the rejected samples contained a few specks of ore minerals and these samples may be sent for assay later.

The Field Team grants approval for the payment of long hole No. 6. If the samples are available from this hole Nicholson will bring them back from the mine, and use the same procedure as is being done on the samples you brought to our office.

By Field Team, Region I, NW Dist.

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

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

cc: DMEA (2)
USBM (2)
USGS (AD)
Nicholson

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

RECEIVED
DEC - 9 1955

December 6, 1955

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

Re: Docket No. DMEA-3879 (Lead-Zinc)
Idaho Consolidated Mines, Inc.
Twin Peaks Mine
Lemhi County, Idaho
Contract No. Idm-E895

Dear Mr. Selfridge:

Reference is made to your letter of November 10, 1955, transmitting for signature the proposed contract with Idaho Consolidated Mines, Inc., and calling attention to two points that must be cleared up before the contract could be signed.

In his letter of November 18, 1955, copies of which are enclosed, Mr. Edmund G. Wilson, president of the company, gives information on the recording of the deed, which has been added to the contract, and states that the property is not subject to royalty payment to Charles Kapp or any other person or organization.

Enclosed are the Government, Docket, and Division copies of the contract. Other copies have been distributed in the usual manner.

Sincerely yours,

A. E. Weissenborn

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

Enclosures
cc: USBM(2)
USBM(AD)
Nickelson

MINES: SALMON, IDAHO

IDAHO CONSOLIDATED MINES, INC.

4109 ARCADE BUILDING • SENECA 8356
SEATTLE 1, WASHINGTON

November 18, 1955

Mr.A.E.Weissenborn, Exec. Officer
U.S. Geological Survey
Mr. Wing G. Agnew, Member
U.S.Bureau of Mines
Spokane Washington:

Re: Docket No. DMEA-3879
Twin Peaks Mine
Lemhi County, Idaho

RECEIVED
DEC - 9 1955

Gentlemen:

This is in reply to your letter of November 15, 1955.

The answers to the points you refer to in your letter are as follows:

(1) The deed referred to is recorded in the records of Lemhi County, at Salmon, Idaho in Book No.45, Page No.91 of the Book Of Deeds. This deed covers Spare Time Claims Numbers One to Seven inclusive (the original purchase from Charles Kapp). Claim numbers Independent 6, Spare Time numbers 9, 10, 11, 12, 13, and 14 are the Company's by direct location.

(2) This property is not subject to any royalty payment to Charles Kapp or to any other person or organization. All of the claims listed above are the property of Idaho Consolidated Mines, Inc., and are unemcumbered.

Yours very truly
Idaho Consolidated Mines, Inc.

By: Edmund G. Wilson

Edmund G. Wilson—President

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D.C.
~~XXXXXXXXXXXXXXXXXX~~
So. 157 Howard Street
Spokane 4, Washington

RECEIVED
NOV 21 1955

November 15, 1955

Mr. Edmund G. Wilson, President
Idaho Consolidated Mines, Inc.
4109 Arcade Building
Seattle 1, Washington

Re: Docket No. DMEA-3879 (lead-zinc)
Twin Peaks Mine
Lemhi County, Idaho

Dear Mr. Wilson:

We have received an exploration project contract for work at the Twin Peaks mine.

Before we can send you the contract for your signature it will be necessary to clarify the following two points. (1) It is necessary to know the book and page number where your deed is recorded. (2) Is production from the property subject to a royalty payment to Charles Kapp? If Idaho Consolidated Mines, Incorporated is subject to a claim or encumbrance, it will be necessary to obtain a Subordination Agreement. If the company is not the owner of some of the claims a Consent to Lien will be required.

We would appreciate your comments as soon as possible.

By Field Team, Region I, NW Dist.

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

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

cc: USGS (2)
BM (2)
[illegible]

File Copy
Surname

All - signed
Chambers
Selfridge
F. Johnson

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

NOV 10 1955

Mr. A. E. Weissenborn
Executive Officer
DMEA Field Team, Region I
Northwest District
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMEA-3879 (Lead-Zinc)
Idaho Consolidated Mines, Inc.
Twin Peaks Mine
Lemhi County, Idaho

Dear Mr. Weissenborn:

We are enclosing the original and five copies of a contract for the cited property, signed by the Administrator, together with Annex I, Exhibit "A" (3 pages), and two maps. Also enclosed are two extra copies of Annex I, Exhibit "A" and the maps for the use of Field Team.

Before the contract is executed it will be necessary to comply with the points stipulated in the memorandum from the Associate Solicitor, Division of Mineral Resources, dated October 19, 1955. Copies of this memorandum are enclosed.

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 (SHB)

Enclosures

JWAlt/er 10/20/55

APPROVED:

/s/ O. M. Bishop (SHB)
Member, Bureau of Mines

Thor H. Kiilsgaard (SHB)
Member, Geological Survey

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

R.C.H.

File Copy
Surname

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

November 2, 1955

Memorandum

To: Associate Solicitor, Division of Mineral Resources

From: Chief, Base Metals Division

Subject: Preparation of Contract for Idaho Consolidated Mines, Inc. Twin Peaks Mine, Docket No. DMEA-3879 (Lead-Zinc), Lemhi County, Idaho

Will you please rewrite the contract and Exhibit "A" for the cited property. It has been necessary to rewrite the contract and Exhibit "A" and this exhibit has been completely changed since you prepared it.

A new map to replace that one referred to in Exhibit "A" of the origiinal contract, is being printed and will be delivered to your office in a few days.

W. R. Griswold

Enclosures

JWAlt/er

Copy to: Docket
Base Metals
Chron.

EXPLORATION PROJECT CONTRACT
IDAHO CONSOLIDATED MINES, INC.
DOCKET NO. DMA-3879

EXHIBIT "A"

Description of the Work

The work shall be done in two stages. Upon the completion of Stage I, if in opinion of the Government the results indicate the advisability of further exploration work and the Government approves in writing in advance, the work under Stage II shall be undertaken.

The No. 3 Adit level is shown on the attached map entitled "Twin Peaks Property, Idaho Consolidated Mines, Inc. (dated Sept. 15, 1955)."

STAGE I

1. Diamond drill not to exceed 1200 feet of up holes from the No. 3 Adit level. The minimum size of the drill holes shall be AX. The location, inclination, direction and length of the holes shall have prior approval of the Government.
2. Drill not to exceed 500 feet of long-hole drilling from the No. 3 Adit level.
3. Not to exceed 60 samples shall be assayed for copper, gold, silver and lead.

STAGE II

1. Drift, crosscut and/or raise not more than 300 feet on the No. 3 Adit level. The location, direction and extent of the drifts, crosscuts and raises shall have prior approval of the Government and shall be not less than 5 feet by 7 feet in cross section in the clear of timber.
2. The crosscuts and drifts shall be timbered as necessary at not to exceed 100 feet of timbering.
3. Not to exceed 40 samples shall be assayed for copper, gold, silver and lead.

FIXED UNIT COSTS

(The fixed unit costs include all costs whatsoever necessary for the performance of the project work.)

STAGE I

1.	Diamond drilling, 1200 feet @ $5.80/ft.	$6,960.00
2.	500 feet of long-hole drilling @ $1.00/ft.	500.00
3.	60 samples assayed for copper, gold, silver and lead @ $3.50/sample	210.00
	Stage I - Total Unit Costs	$7,670.00

STAGE II

1.	300 feet of drifting, crosscutting and raising @ $30.20	$9,060.00
2.	100 feet of timbering @ $5.00/ft.	500.00
3.	40 samples assayed for copper, gold, silver and lead @ $3.50/sample	140.00
	Stage II - Total Unit Costs	$9,700.00
	Estimated total cost of the project	$17,370.00
	Government's participation @ 50%	$ 8,685.00

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

November 1, 1955

Memorandum for the Files

From: J. W. Alt, Base Metals Division

Subject: Phone Conversation on Docket No. DMEA-3879, Idaho Consolidated Mines, Inc., Twin Peaks Mine, Lemhi County, Idaho, Lead-Zinc.

On this date, I phoned A. E. Weissenborn, Executive Officer, Region I, Northwest District. I told him that we had received his memorandum, dated October 26, 1955, regarding the cited property and that we would prepare a contract according to his alternate plan, which would be drilling up holes from the No. 3 Adit level. We would also allow the work as proposed under Stage II of the Field Team recommendation.

I informed him that if it is agreeable to him, we would prepare a contract which would be set up in two stages. Stage I would consist of 1200 feet of diamond drilling and 500 feet of long hole drilling. With the approval of the Field Team and depending on the results of Stage I, the work under Stage II would be undertaken. The work under this stage would consist of 300 feet of drifting, crosscutting and/or raising and allowance for 100 feet of timbering. There would be an allowance of 100 feet for timbering. In both stages there would be an allowance for assays. All work would be done on the No. 3 Adit level.

Mr. Verne Fryklund was also in on the conversation and he and Mr. Weissenborn agreed to the proposed work.

Just previous to the phone conversation, I consulted G. Selfridge in regard to Mr. Weissenborn's memorandum and he agreed to the above proposed work.

J. W. Alt

J. W. Alt

JWAlt/er

Copy to: Docket
Base Metals
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

RECEIVED
OCT 31 1955

October 26, 1955

Air Mail

MEMORANDUM:

To: DMEA Operating Committee, Washington, D. C.

From: DMEA Field Team, Region I, Northwest District

Subject: Docket No. DMEA-3879 (lead-zinc), Idaho Consolidated Mines, Inc., Revision of Proposed Exploration Program at the Twin Peaks Mine, Lemhi County, Idaho.

This memorandum is prompted by a telephone conversation between Mr. Alt and the Executive Officer on October 25, 1955, in which Mr. Alt asked whether certain modifications of the proposed exploration at the Twin Peaks mine would be acceptable to the Field Team.

Briefly, the Field Team does not favor the suggestion to deepen the No. 2 adit winze a distance of 60 feet. It does not appear to us that this would accomplish enough to really benefit the mine greatly. We think that this is such a small "bite" that it would more properly be classed as development than exploration. The winze, moreover, would not test a secondary objective which is the vein in the 1400 stope. This vein, although below ore grade, apparently, in the stope could conceivably increase in grade. There is also the objection that the applicant has no equipment for sinking, and, for the small amount of work to be done, it does not appear feasible to require him to go to the expense of procuring and installing the necessary sinking equipment.

For much the same reason we do not favor drilling from the face of the present crosscut on the No. 2 adit level. A vertical hole from this point would cut the vein only 80 feet down dip from the winze. Any attempt to cut the vein at a deeper point would result in a very unfavorable angle of intersection with the vein. Our feeling is that if the vein does not have a very considerable extension below the No. 2 adit winze, the property is not worth fooling with. Therefore, we think that the proper point of intersection would be about half-way between the No. 2 and No. 3 adit levels.

This could be accomplished by drilling from the end of an extended crosscut as we had proposed. This would test the vein about 180 feet below the winze and if the vein proved to be ore-bearing at this point would give the property a real boost.

As an alternate to extending the No. 2 adit crosscut 100 feet, it would be possible to drill up holes from the No. 3 adit level, starting the holes from a point about 200 feet east of the crosscut to the 1300 stope. This would eliminate the crosscutting on the No. 2 adit level but would require somewhat longer holes. A thousand feet of drilling, which is a minimum that could be contracted, would provide for three, or for possibly four, intersections. The up holes would be more troublesome than the down holes we had proposed, but probably could be contracted for about the same price. They would also intersect the extension of the vein in the 1400 stope which would not be tested by the winze.

We would prefer to adhere to the program proposed by the Field Team as this would have the advantage of concentrating all of the work of Stage I on one level, but the alternate method proposed herewith would be acceptable.

Stage II was intended as a logical follow-up in case Stage I is successful. We agree that if Stage I is not successful there would be little point in undertaking Stage II. If it is deemed desirable to eliminate Stage II from the contract at this time with the thought that the contract could be amended later on to include Stage II or some variant thereof we have no objection.

We recognize that the objectives of the exploration are small and we do not expect that Twin Peaks will ever be a major mine. We think there is a reasonable chance at finding some ore, and since the property is fairly well equipped with a surface plant, including a mill, we think there is a fair chance that the contract will be repaid.

By Field Team, Region I, NW Dist.

A. E. Weissenborn

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

Wing G. Agnew

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

cc: Mr. Alt, Washington
USBM (2)
Nickelson

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

October 26, 1955

Memorandum for the Files

From: J. W. Alt, Base Metals Division

Subject: Idaho Consolidated Mines, Inc., Twin Peaks Mine, Lemhi County, Idaho, Docket No. DMEA-3879 (Lead-Zinc)

On this date, I phoned A. E. Weissenborn, Executive Officer, Region I, Northwest District. I told him that a contract had been prepared for the cited application but that F. Johnson and G. Selfridge had objected to some of the proposed work; that the contract had been prepared along the lines recommended by the Field Team, but that the costs in some instances were reduced. One of the objections was extending the No. 2 Adit 100 feet. They thought that the diamond drilling could be done from or near the end of the present face of the No. 2 Adit. Mr. Weissenborn objected to this as he wants to get out that 100 feet in order to get greater drilling depth for the extension of the ore found on the Adit level near the winze.

I spoke to him about extending the present winze 60 feet. He said the Applicant had no equipment for sinking, so he would not be in favor of sinking.

Aside from the question of extending the No. 2 Adit and that of the winze, the items of work as proposed by the Field Team would be the same.

I also told him that Mr. Johnson and Mr. Selfridge objected to including Stage II in the contract. The proposed work under this stage could be done under an amendment to the contract, provided that the work that would be done under the terms of the contract showed results that were encouraging and that more work was warranted. Mr. Weissenborn agreed to this.

Mr. Weissenborn seemed to be very much in favor of this project and said he would send us a memorandum regarding the location of the diamond drilling from the end of the No. 2 Adit.

Mr. Weissenborn explained that the Applicant's compressor is set up at the No. 3 Adit and that it would be cheaper to run an air line from there to the No. 2 Adit than it would be to move the compressor and compressor house to the No. 2 Adit.

J. W. Alt

JALT/er
Copy to: Docket
Base Metals
Chron

Indritz

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

OCT 19 1955

To: The Administrator, DMEA
Attention: Chief, Base Metals Division

From: Associate Solicitor, Division of Mineral Resources

Subject: Contract with Idaho Consolidated Mines, Inc.
Docket No. DMEA-3879 (lead-zinc)

The attached draft of contract with the Company mentioned above has been revised in this office and is in proper legal form, except that the following points should be corrected or clarified before the contract is executed:

1. Article 2 (b)(1), in which the Operator represents that he is the owner of the land by deed, does not indicate whether the deed is recorded, and the book and page of any such recording. These facts should be checked and appropriate notations made in the spaces in this Article.

2. Article 2 (b)(2) relates to whether the Operator's interest is subject to any claims, liens, or encumbrances. The Operator's application stated there is "none." However, a photostat of a smelter settlement sheet in the file dated November 1952 indicates that the production, at least at that time, was subject to a royalty payment to Charles Kapp, who (it is said in the Field Team's report of August 26, 1955) located the claims. This suggests that the interest of the Company may be subject to a claim or encumbrance, and should be checked. If a claim or encumbrance exists, this Article should be corrected and a Subordination Agreement obtained, or if the Company is not the owner, a Consent to Lien should be obtained, before the contract is executed.

3. The space for the date on which work under the contract is to be commenced has been left blank, and should be filled in before execution of the contract.

Robert P. Dwyer
Acting Associate Solicitor
Division of Mineral Resources

PIndritz:wog
Copies to: DMEA Docket
Sol. Docket
WRGriswold (2)
RPDwyer
PIndritz
Chron.

File Copy
Surname
J. Ill.

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

500

October 6, 1955

Memorandum

To: Acting Assistant Solicitor, Defense Minerals

From: Chief, Base Metals Division

Subject: Preparation of contract for Docket No. DMEA-3879, Idaho Consolidated Mines, Inc., Twin Peaks Mine, Lemhi County, Idaho, Lead-Zinc.

Will you please prepare a contract for the cited application. A draft of the proposed contract is attached to this memorandum.

The necessary copies of 2 maps will be delivered to your office in a few days.

W. R. Griswold

W. R. Griswold

JwAlt/er

Copy to: Docket
Base Metals
Chron.

DMEA-3879

Cost information for Preparation of Contract

3. Operating materials and supplies (page 2)

Accessories for pipe - only allowed 10% - deleted		$98.00
" " tool " " 10% "		51.00
Fire - allow only half the number (boxing)	"	219.00
Operators equipment ($50) not necessary	"	50.00
Small tools - too high - allow $50.00	"	100.00
Total deleted		$511.00

Plus heater and air line for the 3 deleted tools in item

700 ft. of 4" air line @ $1.20 - 50%		$420.00
700 ft of 1" water line @ $.19 - 50% (pipe)		70.00
Accessories		49.00
Labor, supervision, overtime and FICA		161.00
Total		$700.00

Total to be deducted from the grand total - $1211.00

Total for preparation work (5%) on this item

$3365.61 - $1211.00 = $2154.61 [illegible] 10/5/55

By Jerl M. Cole 10/5/55

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

September 29, 1955

Re: DMEA-3879
(Pb-Zn: $36,880)
Idaho Consolidated
Mines, Inc.
Twin Peaks Mine
Lemhi County, Idaho

Memorandum

To: W. R. Griswold, DMEA

From: O. M. Bishop, U. S. Bureau of Mines
Branch of Base Metals

Subject: Review of Field Team Report on Application

The field team after discussion with and approval by the applicant, outlined a two-stage revised exploration program as follows:

Stage I: Rehabilitation of No. 2 adit and the north and south x-cuts off; 500 feet of long-holing seeking the vein; extension of No. 2 adit 100 feet and other drifting and crosscutting totaling 300 feet; and 1,500 feet of diamond drilling.

Stage II: 300 feet drifting and crosscutting on No. 3 level; and 500 feet long-hole drilling. This stage to be contingent upon Stage I. The geologic report by Weissenborn and Nickelson states "there is a good possibility of finding ore at the Twin Peaks mine at a reasonable cost".

In reviewing the maps and geologic report it appears that although the No. 1 Adit was driven down-dip for 300 feet on the best of several mineralized structures, and the No. 2 and No. 3 Adits crosscut numerous other bedding veins, ore production has been small (no more than $25,000 to $35,000) and no ore reserves have been developed.

Although the ore encountered in Adit 2 in the vicinity of the winze apparently assays about 3 ounces of silver and 8 percent lead over a width of 6 feet, the strike length of the ore is very limited at each of the 3 or 4 points of encounter. The proposed long-holing from the south drift off the No. 2 will crosscut the

beds seeking other ore shoots; as will the extension of No. 2 Adit and the proposed 1,500 feet of diamond drilling, and the work proposed as Stage II.

There is very limited liklihood of success on the basis of the extensive exploration of the past. For that reason I recommend the application be denied.

O. M. Bishop

O. M. Bishop

Copy to - Division of Minerals
Mr. Kiilsgaard, Room 5222
O. M. Bishop
Files

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D. C.~~
So. 157 Howard Street
Spokane 4, Washington

RECEIVED
SEP 2 1955

alt

September 19, 1955
air mail

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

Re: Docket No. DMEA-3879 (lead-zinc)
Idaho Consolidated Mines, Inc.
Twin Peaks Mine
Lemhi County, Idaho

Dear Mr. Selfridge:

Mr. Jacob Alt telephoned this office on September 13 to request a map showing the proposed exploration at the Twin Peaks property in relation to claim boundaries, and to inquire as to the size of the proposed diamond drill holes.

Enclosed are six copies of a map showing the proposed work in relation to claim boundaries. In preparing this map we found that although the Spare Time No. 8 claim was listed as one of the claims to be included in the proposed contract we had no map showing its location. Enclosed are two copies of a letter, dated September 15, 1955, from the applicant explaining that there is no Spare Time No. 8 claim and correctly listing those claims covered by the application.

The minimum size of the proposed diamond drill holes should be Ax.

Sincerely yours,

Verne C. Fryklund Jr.

Verne C. Fryklund, Jr.
Acting Exec. Officer, DMEA
Field Team, Region I, NW Dist.

Enclosures

cc: USBM (2)
Nickelson

MINES: SALMON, IDAHO

IDAHO CONSOLIDATED MINES, INC.

4109 ARCADE BUILDING • SENECA 8356

SEATTLE 1, WASHINGTON

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SEP 16 1955

U. S. G. S.
SPOKANE, WASH.

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

September 13, 1955

Memorandum for the files

From: J. W. Alt, Base Metals Division

Subject: Idaho Consolidated Mines, Inc., Twin Peaks Mine, Lemhi County, Idaho, Docket No. DMEA-3879

On this date, I phoned Verne C. Fryklund, USGS, Region I, Northwest District, Spokane, Washington. He was not in the office and would not be in for a week so I spoke to J. J. Quinlan, USGS, in regard to the Field Team's recommendation for a contract for the cited property.

I informed him that we would need to know the size of the drill holes. The size was not mentioned in their report. I stated that we would also need a claim map showing where the proposed exploration work is to be done. I told him that we have the claim map but it does not show the proposed work.

Mr. Quinlan said he would endeavor to get this information out this week.

J. W. Alt
J. W. Alt

JWA/er

Copy to: Docket
Base Metals
Chron.

IN REPLY REFER TO:

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

RECEIVED
SEP - 9 1955

September 8, 1955

Re: DMEA 3879
Idaho Consol. Mines, Inc.
Twin Peaks Mine
Lemhi Co., Idaho
$36,880.06 - Lead, Zinc

Memorandum

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

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

Subject: Review of Field Team report.

The application outlined work to cost $38,500. After an examination the Field Team set up a 3-stage program to cost $36,880.06. The stage work appears to be best adapted to the ore showings since the sampling shows the mine to be devoid of ore other than that in the winze and raise from No. 2 adit. As work progresses a design may emerge which will justify succeeding stages.

I concur with the acceptance recommendation of the Field Team.

N. E. Nelson

N. E. Nelson

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

ON-Site Report

RECEIVED

August 30, 1955

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

Re: Docket No. DMEA 3879 (lead-zinc)
Idaho Consolidated Mines, Inc.
Twin Peaks Mine
Lemhi County, Idaho

Dear Mr. Selfridge:

Enclosed are four copies of reports by A. E. Weissenborn and Howard B. Nickelson, Geological Survey, and A. L. Service, Bureau of Mines, recommending a project at the Twin Peaks mine.

The proposed program differs from that requested by the Operator, but the matter has been discussed with E. G. Wilson, the president of the company, who is agreeable to the revised program.

Also attached are four copies of a map showing the claims which were entered into the contract and the recordings of these claims.

By Field Team, Region I, NW District

A. E. Weissenborn

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

Wing G. Agnew

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

Enclosures as indicated
cc: USBM (2)
Nickelson

Reviewed by
DMEA OPERATING COMMITTEE
9-9-55
(date)

9/13/55 - Received by Jim A.

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

RECEIVED
SEP - 1 1955

1201 N. Division St.
Spokane 2, Washington
August 26, 1955

MEMORANDUM

To: DMEA Field Team, Region I, Northwest District

From: A. L. Service, Mining Engineer, Bureau of Mines

Subject: Cost analysis, Docket No. DMEA 3879 (lead-zinc), Idaho Consolidated Mines, Inc., Twin Peaks Mine, Lemhi County, Idaho

The Idaho Consolidated Mines, Inc. submitted an application for 1,000 feet of exploration work by drift, crosscut, and raise, costing $38,500. An examination of the property was made during July 1955, and the original proposal was modified to a conservative program of drifting, crosscutting, diamond drilling, and longhole drilling.

The proposed exploration project has been set up in two stages with Stage II contingent upon the results of Stage I. Stage I consists of the following work on the No. 2 level: Rehabilitation of 540 feet, extend the adit an additional 100 feet, drift and crosscut 300 feet, lomghole drill 500 feet, and diamond drill 1500 feet. Stage II consists of 300 feet of drifting and crosscutting and 500 feet of longhole drilling on the No. 3 level.

The accompanying cost analysis is based on the work proposed in the two stages and was prepared from costs that prevail in the area. If the Government should decide to participate in this proposed exploration program, the following unit costs are recommended for consideration.

Stage I

Preparatory Work - 18 shifts or 3 weeks
Rehabilitate No. 2 adit - 540 feet (rail & pipe).
Replace 300 feet of rail and pipe in No. 2 adit crosscuts.
Place air and water lines from No. 3 adit to No. 2 adit - 700 feet.

Reviewed by
DMEA OPERATING COMMITTEE
9-9-55
(date)

1. Independent contracts - none

2. Labor and supervision

Labor		
2 men, 18 shifts @ $14.55 x 1.083 O.T.	$567.29	
Supervision		
Supt., 12 days @ $600/mo.	288.00	
FICA, etc. - 11%	94.08	$949.37

3. Operating Materials and Supplies

Pipe - 4 in. airline - 1,240 ft. @ $1.20/ft. (50%)	$744.00
2 in. " - 360 ft. @ 0.49/ft. (50%)	88.20
1 in. waterline 1,600 ft. @ 0.19/ft. (50%)	152.00
Accessories - 20% of above	196.84
Rail - 16# @ $9.50/cwt.	508.25
Accessories - 20% of above	101.65
Ties - 1,940 @ $0.30/ea.	425.30
Small tools	150.00
Repairs to equipment	50.00
Total operating materials and supplies	$2,416.24

Total cost of preparatory work	$3,365.61
Cost per foot	4.007
Allowance to replace timber if necessary @ $5.00/ft. - 100 feet	500.00

Extend No. 2 adit 100 feet and 300 feet of drifting and crosscutting on the No. 2 level.

Assuming an advance of 4 feet per shift, 2 shifts per day, it will take 50 days or 2 months to complete the 400 feet of advance.

All operating equipment will be furnished by the Operator, and depreciation was calculated on 70% of the new value.

1. Independent contracts - none

2. Labor & Supervision

Labor		
4 miners and 1 outside man @ $14.55 x 1.083 O.T.	$3,939.50	
Mechanic @ $14.55 x 1.083 O.T.	787.85	
Supervision		
Superintendent @ $600/mo.	1,200.00	
Consulting geologist - 15 days @ $50/day	750.00	
FICA, etc. - 11%	734.50	$7,411.85

3. Operating Materials & Supplies

Explosives - 4000 lbs. @ $21/cwt	840.00
Fuse - 4,500 ft. @ $0.02/ft.	90.00
Caps - 1,000 @ 0.02/ea.	20.00
Bits and steel	600.00
Pipe - 300 ft. - 2 in. airline @ $0.49/ft. (50%)	73.50
300 ft. - 3/4 in. waterline @ $0.13/ft. (50%)	19.50
Accessories - 20% of above	18.60

3. Operating Materials & Supplies - continued:

Rail - 16# @ $9.50/cwt. (50%)	202.83	
Accessories - 20% of above	40.57	
Ties - 600 @ $0.30/ea.	180.00	
Switches, frogs, etc.	134.00	
Equipment repair	600.00	
Small tools, etc.	150.00	
Power (diesel fuel & gasoline)	1,000.00	$3,969.00

4. Operating Equipment & Supplies

Item	Deprec. per ea.	Use Period	Total	
1 - 315 compressor	$157.73	2 mo.	$ 315.46	
2 - air receivers	1.75	"	7.00	
2 - drills w/pusher	14.58	"	58.32	
1 - mucking machine	22.58	"	45.16	
1 - mine locomotive	49.00	"	98.00	
1 - battery set	25.00	"	50.00	
4 - side dump cars	12.80	"	102.40	
1 - vent fan	10.57	"	21.14	697.48

5. Rehabilitation & Repair - none

6. New Buildings & Improvements - none

7. Miscellaneous

Assays - 100 for Au, Ag, Pb & Cu @ $3.50/ea.	350.00
Total cost of 400 feet of drift and crosscut	$12,428.33
Cost per foot	$ 31.07
Timber shall be used where necessary - 5'x7' in the clear. 100 feet @ $5.00/ft.	500.00

Diamond Drill Stations - 1
Each station equivalent to 10 feet of drift @ $31.07/ft. 310.70

Diamond Drilling - 1,500 feet - 2 months

1. Independent Contracts
   1500 feet @ $4.75/ft. — $7,125.00

2. Labor & Supervision
   Superintendent @ $600/mo. + 11% FICA, etc. — 1,332.00

3. Operating Materials & Supplies - none

4. Operating Equipment

Item	Deprec. per ea.	Use Period	Total	
1 - 315 compressor	$113.96	2 mo.	$227.92	
2 - air receivers	1.75	"	7.00	234.92

5. Miscellaneous
   Assays for Au, Ag, Pb and Cu - 75 @ $3.50/ea. — 262.50

Total cost of 1500 feet of diamond drilling — $8,954.42

Cost per foot — $ 5.97

Longhole Drilling
500 feet @ $1.00/ft. — $ 500.00

Stage II

Drifting and crosscutting on No. 3 Level
300 feet @ $31.070/ft. — $9,321.00

Longhole drilling
500 feet @ $1.00/ft. — 500.00

Timber shall be used where necessary
5'x7' in the clear - 100 ft. @ $5.00/ft. — 500.00

Recapitulation of Costs

Stage I

Preparatory Work		
840 feet @ $4.007	$ 3,365.61	
Timber replacement		
100 feet @ $5.00	500.00	
Drift and crosscut on No. 2 level		
400 feet @ $31.070	12,428.33	
Timber		
100 feet @ $5.00	500.00	
D.D. stations		
1 @ $310.70	310.70	
Diamond drilling		
1,500 feet @ $5.97	8,954.42	
Longhole drilling		
500 feet @ $1.00	500.00	
Total cost - Stage I		$26,559.06

Stage II

Drift and crosscut on No. 3 Level		
300 feet @ $31.070	$ 9,321.00	
Longhole drilling		
500 feet @ $1.00/ft.	500.00	
Timber		
100 feet @ $5.00/ft.	500.00	
Total cost - Stage II		$10,321.00
Total cost of Project		$36,880.06
Government participation - 50%		$18,440.03

Distribution:
DMEA, Wash. (4)
USGS (2)
DMEA
ALS/he

DMEA

UNITED STATES
Department of the Interior
Defense Minerals Exploration Administration
So. 157 Howard Street
Spokane 4, Washington

RECEIVED
SEP - 0 1955

August 26, 1955

Memorandum

To: DMEA Field Team, Region I, Northwest District

From: A. E. Weissenborn and H. B. Nickelson, U. S. Geological Survey

Subject: Examination report, Docket No. DMEA-3879 (lead-zinc), Idaho Consolidated Mines, Inc., Twin Peaks mine, Lemhi County, Idaho

A three-stage program of exploration by drifting, cross-cutting and diamond drilling is recommended at a cost of approximately $37,000.00.

Introduction

The Twin Peaks mine of the Idaho Consolidated Mines, Inc., was examined on June 28, 29, and 30, 1955, by A. E. Weissenborn and H. B. Nickelson, assisted by Tom Huber. The examiners were accompanied during the examination by Mr. E. G. Wilson, president of Idaho Consolidated Mines, Inc., and Mr. Ted Heathman who is in charge of operations at the property. The examination consisted of a brief reconnaissance on the surface, detailed mapping of the critical area in the company's No. 3 adit, and checking the geology of the No. 1 and No. 2 adits and the remainder of the No. 3 adit against a geologic map by Robert B. Starr which was submitted with the application.

Location

The property is on Rattlesnake Creek about 20 miles south of Salmon in secs. 20 and 29, T. 19 N., R. 21 E., B.M., Lemhi County, Idaho. The property can be reached from Salmon by traveling 18½ miles south on Highway 93, crossing the Salmon River at Rattlesnake Creek, and continuing on 3½ miles of graded mountain road up Rattlesnake Creek and its tributary, Corral Creek, to the Twin Peaks camp. The property consists of 14 unpatented lode claims and two mill site claims (Spare Time lode claims 1 to 14 and Spare Time Mill Site claims 1 and 2). According to the application these are listed as follows:

Reviewed by
DMEA OPERATING COMMITTEE
9-9-55
(date)

Claim name	Book	Page No.
Spare Time No. 1	K	673
2	K	674
3	X	142
4	X	143
5	Y	477
6	Y	478
7	2	3
11	5	567
12	5	568
13	5	569
14	5	570
Spare Time Independent	Y	486
Spare Time Mill Site	Z	166

Spare Time 8, 9, 10, and Spare Time Mill Site No. 2 are not listed. The location of most of these claims is shown on the map of the surface geology by Robert B. Starr which was submitted with the application. The applicant has been requested to supply the missing recordings of Spare Time claims 8, 9, 10, and Spare Time Mill Site 2, and to submit a map which will show the location of all the claims. Mr. Wilson states that all these claims are now owned outright by Idaho Consolidated Mines, Inc. Some additional property, which is remote from the project area, is being purchased but title has not yet been transferred to Idaho Consolidated Mines, Inc.

Surface facilities

The surface facilities of the company consist of a bunkhouse in good repair, a fully equipped changehouse, a compressor house, and a flotation mill with a capacity of about 150 tons a day which was built in 1953.

Equipment at the mine consists of a 315 cubic foot Worthington compressor, a 75 kw G.M. diesel motor generator, and a battery locomotive complete with charger. The mill is powered by a 100 kw Atlas diesel motor generator. The crushing unit has a capacity of 30 tons per hour and consists of a Pacific jaw crusher, a Kukon gyro-crusher, and vibrating screens. The fine grinding unit consists of a 4½ foot by 40 inch Hardinge conical mill and a 18-foot Dorr double rake classifier. Other equipments include a conditioning tank, an automatic reagent feeder, eleven 25 inch by 25 inch flotation cells with individual drive motors, a 2 disk 4-foot American filter, all complete with the necessary accessory equipment.

Description of workings

The mine has been developed by three main workings: the No. 1 "adit" which is actually an incline approximately 320 feet long down the dip of the beds, the No. 2 adit which consists of about 1,000 feet of drift and crosscuts, and the No. 3 adit which consists of about 2,220 feet of drift and crosscut. There are about five places in the mine where some stoping has been done. The No. 1 and No. 2 adits are connected, but there is no connection between the No. 2 and No. 3 adits which are approximately 320 feet apart vertically. The mine workings are shown in plan and section on Plate 1, 2, and 3 which accompany this report.

Approximately 1,000 feet northwest of the portal of No. 3 adit there is an adit known as the "copper working." This is said to be the original discovery. This working was not examined as it had no direct bearing on the present application.

General geology

The geology of Lemhi County, Idaho was first described by Umpleby (Umpleby, Joseph B., Geology and Ore Deposits of Lemhi County, Idaho, U. S. Geol. Survey Bull. 528, 1913) who made a reconnaissance study of the area in 1910.

C. P. Ross has mapped the geology of the Casto quadrangle immediately to the west (Ross, C. P., Geology and Ore Deposits of the Casto quadrangle, Idaho, U. S. Geol. Survey Bull. 854, 1934) and of the Bayhorse area to the south (Ross, C. P., Geology and Ore Deposits of the Bayhorse Region, Custer County, Idaho, U. S. Geol. Survey Bull. 877, 1937).

The Twin Peaks property was examined in 1945 by Herdlick and Shaeffer of the Bureau of Mines at the time when No. 1 adit had a length of about 120 feet and before the No. 2 and No. 3 adits had been driven. A report is in the Bureau of Mines files.

The general geology surrounding the Twin Peaks mine has not been mapped, but Robert B. Starr has recently studied the geology of the mine area. His report which was submitted as a Masters thesis at Cornell University is not available to us, but copies of his surface and underground maps of the mine area accompany the DMEA application.

In the vicinity of the Twin Peaks mine the rocks are mostly phyllites and quartzites which in general strike about N. 20° E., and dip about 40° NW. Starr has termed these metasedimentary rocks the "Twin Peaks quartzite" which he believes to be of Precambrian age. He has distinguished three rock units; a (lower) "foliate sericitic quartzite" which he terms the "Light Phyllite member"; a middle massive white quartzite member; and an upper phyllite with intercalated quartzite which he calls the "Dark Phyllite member". With the exception of a short stretch near the portal of No. 3 adit, all the mine workings are in the "Dark Phyllite member".

In the No. 3 adit the contact between the dark phyllite and the massive white quartzite is obscured by timbering. Starr has mapped this as a fault contact. However, the general concordance of the bedding in the phyllite and the quartzite, the fact that the phyllite has more quartzite beds as the contact is approached, and the position of the contact on the surface all suggest that the faulting is a local feature and that the contact is essentially conformable. The contact between the massive white quartzite and the lower light phyllite is exposed below the mine camp. It was not examined in detail but from Starr's mapping it also appears to be conformable except north of the mine camp where the massive white quartzite pinches out against the light phyllite and the light and dark phyllites are in contact. The straight northwest lower contact of the massive white quartzite in this area looks suspiciously like a fault contact. The photostat copy of Starrs' map which is all that is available is hard to read and it is not clear whether Starr has mapped this as a fault contact or not.

The "Light Phyllite" member is outside the mine area and therefore was not examined critically, although its presence was observed underlying the massive quartzite below the camp and in the canyon on the road to the mine. In appearance and lithology it apparently is similar to some of the rocks of the Yellowjacket formation mapped by Ross in the Casto quadrangle (Ross, 1934, p. 16). The massive white quartzite which according to Starr's mapping has a stratigraphic thickness of up to 600 feet, is markedly similar to the Hoodoo quartzite of the Casto quadrangle and may well be its correlative. Both the Yellowjacket and the overlying Hoodoo are regarded by Ross as part of the Precambrian Belt series (Ross, 1934, p. 18). The massive white quartzite is also quite similar in appearance to the middle Cambrian Flathead quartzite which overlies the Belt series throughout much of southwestern Montana although its thickness is considerably greater than that usually recognised for the Flathead.

Except for the intercalated quartzite which occurs most abundantly near its base, the dark phyllite appears to be very similar to the Garden Creek phyllite of the Bayhorse area which Ross has tentatively assigned to the Cambrian (Ross, 1937, p. 12). Regional mapping would, of course, be required to establish whether any of these possible correlations are valid.

About 1,500 feet southwest of the portal of No. 3 adit the metasediments are unconformably overlain by Challis volcanics of Tertiary age. Directly over the mine working, Starr has mapped a small patch of Challis volcanics. The operator previously had believed this to be a dike; however, the fact that Starr could not trace the exposure for any distance indicates that his interpretation is correct.

The geologic structure in the immediate vicinity of the Twin Peaks mine is simple. In the mine area the metasedimentary beds form a homocline which strikes about N. 20° E. and dips from 40 to 50° NW. According to Starr's surface mapping the metasediments have been cut by a number of east-west or northwest trending faults. These faults appear to be pre-Tertiary as in the two places where they pass into the Challis volcanics they do so without offsetting the phyllite-Challis contact. Displacement nowhere appears to exceed a couple of hundred feet except perhaps on the northwest fault which cuts out the massive white quartzite north of the mine. None of these faults have been recognized within the mine workings although detailed mine mapping has shown numerous faults of small displacement.

Mine geology

At the Twin Peaks mine disseminations of pyrite, galena, and chalcopyrite are found in numerous places throughout the mine workings, but with few exceptions deposits of potential commercial importance are found only as bedding veins and bedding replacements in the phyllite, usually in a quartz gangue. The mineralization, in most places, accompanied minor bedding plane movement. Two main bedding plane veins are exposed in the mine workings, however a number of other similar but weaker and less distinct occurrences can be recognized.

The bedding veins have been offset by a series of minor faults most of which strike northwesterly and dip from 35° to 85° SE. They appear to be mostly normal faults and displacement on them is slight; nowhere was it observed to exceed 15 feet or so. A typical one offsets the bedding vein in 1400 stope (See Plates I and II). These faults could complicate mining to some extent, but once their habit is learned they should cause no great difficulty. On the No. 2 adit level near its intersection with the No. 1 incline or "adit",

two nearly east-west faults cut off the main bedding vein (see Plate 1). The offset segments of the vein have not been found; consequently, the movement on the faults is not known. It is believed to be relatively minor.

In addition to these faults the phyllite has been cut by a number of dikes and sills which vary in thickness from a few inches to several feet. These were not recognized by Starr who mapped them usually as "major faults". This is understandable as there has been movement along most of the dikes--as they were intruded along pre-existing faults--consequently, they are not always readily distinguishable from faults, especially where they have a thickness of only a few inches. The problem is made more difficult because almost everywhere the dikes and sills have been altered to a whitish or greenish mud very much resembling fault gouge. A number of exposures in the workings, and especially in the 1600 stope (see Plates 1 and 2), clearly show the nature of these occurrences which are very similar to dikes which have been mapped in the Blackbird district and in other places in Lemhi County, Idaho. The dikes are worthy of note because almost invariably there are some ore minerals disseminated in the wall rock immediately adjacent to them and locally small pods of galena and chalcopyrite have been mined from the walls. The two best bedding veins are apparently in the area where there are the greatest number of dikes (see Plate 1) and there is a strong suggestion that the ore minerals may have come in along the dikes and have been introduced into the bedding veins from the dikes.

Hardlick, then engineer for the Bureau of Mines, visited the Twin Peaks property in 1945 and sampled the first 120 feet of the No. 1 "adit". Twelve samples which he took averaged 1.7 ounces silver and 3.75 percent lead over a width of 5.9 feet (see Plate II). Near the surface the vein is quite thoroughly oxidized and partly leached; therefore, the four samples representing the bottom 30 feet of the incline are perhaps more informative than the average of the whole number. These averaged 3.1 ounces silver and 8.0 percent lead over a mean width of 6.2 feet. A sample taken during the DMEA examination from across the richer portion of the vein in the winze a few feet above the No. 2 adit level assayed 6.0 ounces silver, 15.2 percent lead, and 0.15 percent copper over a width of 2.1 feet, and a sample cut 6 foot from the bottom of the winze assayed 8.1 ounces silver, 19.1 percent lead, and 1.88 percent copper over a 2.4-foot width. The mineralized zone at the level of No. 2 adit totaled about 6½ feet in width. The above two samples represent only the richer portion.

In the 1525 stope the vein is less distinct, and there has been more replacement of the wall rock. A sample taken of the foot wall part of the stope assayed 2.0 ounces silver, 3.9 percent lead, and 0.20 percent copper. A sample from the hanging wall assayed very low in silver, lead, and copper as did a sample cut in the No. 3 level below the stope. The results of this sample seem abnormally low. The vein is cut by a dike at this point, and it is possible that the sample was taken in such a way as to not represent the vein fairly.

Immediately west and overlying 1535 stope is 1600 stope (see Plates 1 and 2). Some ore is reported to have been mined from this stope, but the numerous dikes that occur in the stope obscure the ore exposed to the extent that it is virtually impossible to tell whether the ore is related to the bedding or to the dikes. The relations are so complicated that no samples were taken.

Immediately east of 1535 stope a well defined and well mineralized bedding vein has been followed in 1400 stope up dip for about 100 feet above No. 3 adit level. (See Plates 1 and 2.) Near the lower part of the stope the vein has been offset a few feet by a normal fault. Most of the reported later mine production is said to have come from this stope. The mineralized zone is from 4 to 6 feet wide and it was thought that the "ore" would average a couple of percent copper in addition to an appreciable amount of lead. Four channel samples from the north wall of the stope proved very disappointing; the best sample, which was at the top of the stope, assayed only 2.0 percent lead and 0.61 percent copper.

Just east of 1400 stope there is a crosscut to the south. The 1350 stope which is on the west side of the crosscut exposes what is apparently the same bedding vein that was followed in 1400 stope. A sample from the top of 1350 stope assayed 1.0 percent lead and 0.56 percent copper over a 3.0-foot width. (See Plates 1 and 3.) This same vein is said to have been cut in a nearly vertical raise driven from the other side of the crosscut from 1350 stope. One foot over "rich chalcopyrite ore" overlain by 5 or 6 feet of lower-grade material is reported, but the exposure was not seen as there were no facilities for climbing the raise.

Various other places on the No. 3 adit were sampled. None were expected to show much in the way of grade and none did. These samples are all plotted in the geologic plan of No. 3 adit level (Plate 1).

Ore reserves

There is a good possibility of finding ore at the Twin Peaks mine at a reasonable cost. Some ore might be inferred between the No. 2 and No. 3 levels, but ore reserves in the normal sense are to all intents and purposes nonexistent.

Past operation

The following history of the property has been obtained from Mr. E. G. Wilson, president of Idaho Consolidated Mines, Inc. According to Mr. Wilson the property was located by Charles Kapp of Salmon, Idaho, around 1928 or 1929 and some hand-sorted ore shipped by Mr. Hill and Fred Verle of Salmon.

In 1938 or 1939 Mr. Farnsworth and Associates of American Brass leased the property and started an adit at the approximate site of the present No. 3 adit, but the project was abandoned on Mr. Farnsworth's death before it had advanced very far.

Some time after the lease reverted back to Mr. Kapp the No. 1 adit was sunk to a depth of 150-160 feet. There is some doubt about when this was done; Mr. Kapp states this was around 1944. Dr. A. L. Anderson is reported to have said that he visited the property in 1941 and entered the adit. In any event Percy Goodwin obtained a lease in April 1944 which he sublet in October of the same year to Schulenberger, St. Clair, and McLean of Salmon and Spokane. These lessees are reported to have mined about $3,500.00 worth of ore before giving up the lease.

The Twin Peaks Mine, Inc., a Washington Corporation was formed in April 25, 1945, and took over the lease. A bridge was built across the Salmon River, and the road up Rattlesnake Creek was improved. The No. 1 adit was deepened, the No. 2 adit was driven, and a pilot mill was constructed. It is reported that 56½ tons of 60 percent lead concentrate was shipped in 1946. Unfortunately there are no records that show the tonnage and grade of the mill heads. In the fall of 1946 operations were transferred to the Pearl district under the name of Idaho Consolidated Mines, Inc., and in 1949 the Twin Peaks property was subleased to Ivan Taylor and Floyd Sherry of Mackay, Idaho. These lessees are reported to have milled and shipped 700 tons of stockpiled ore and to have shipped in addition an unknown tonnage of newly mined ore.

The venture in the Pearl district proved to be an abortive one and the stockholders threw out the management and brought suit to recover the Twin Peaks property, alleging fraud. The property was returned in June of 1950 and clear title was reported confirmed in May of 1955. The No. 3 adit was driven in 1950 and 1951. In 1952 there was a fire which destroyed the surface installation. During this period 12-15 tons of concentrate were reported produced--most of which presumably came from the No. 3 adit--but unfortunately no records exist of the grade and tonnage of the heads. Only 2½ tons of this concentrate arrived at the smelter--the company alleges that the remainder was stolen by the man who was in charge of the property.

Construction of a new mill and surface plant was begun in 1953 and completed in September of 1954. A trial run was made in December and since that time the property has been on a standby basis.

The present management seems very sincere, and although without much technical experience seems willing to accept advice and competent to carry out a simple exploration program. The company appears to be adequately financed and seems prepared to hire a competent manager if exploration results justify doing so.

Proposed work

The applicant has proposed to drift and crosscut on the No. 3 adit level and raise from the No. 3 adit to No. 2 adit for a total cost of $38,500.00. The purpose of the drifting and crosscutting is not clear, and the raise does not appear designed to follow any particular structure. It would, to some degree, prospect between the two levels and would improve ventilation on the No. 3 adit level, but is not located to most effectively prospect the ground.

The showings in the No. 1 adit and more particularly the exposures just above No. 2 adit level and in the winze below No. 2 adit level are sufficiently encouraging to justify some exploration. Some of this exploration should be to test the extent of the ore below the No. 2 level and its continuity between the No. 2 and 3 adit levels, but lateral exploration also is badly needed. This should be done on both the No. 2 and 3 levels, but particularly on the No. 3 level to try and pick up the high-grade vein which is cut off by faults on either side of the winze (see Plate 1). About 500 feet of long hole drilling and 300 feet of drifting and crosscutting should accomplish this on the No. 2 adit level. If this and the exploration between levels is successful, about 500 feet of long-hole drilling and 350 feet of crosscutting and drifting should be done on No. 3 level.

On this level the plan would be to crosscut from the end of the drift north of 1525 stope and from the end of the drift south of 1500 stope, after preliminary long-hole drilling to locate the vein.

Exploration between the levels could be done by extending the nearly vertical 80-foot raise which is opposite 1300 stope an additional 140 to 160 feet until it cut the main vein, drifting on the vein both north and south for at least 100 feet each way and driving a flat scraper raise from the top of the steep raise to connect with the winze below No. 2 adit. This had been planned at the time the raise was driven and according to the company maps, the raise is located in the plane of the winze.

An alternative method would be to extend the No. 2 adit about 100 feet to the west, cut a diamond drill station and drill about 6 holes--three steep and three about 45 degrees; two in a vertical plane and two fanned out on each side. About 1500 feet of drilling would be required.

The first method would cost a little more but would require no additional expenditures to reach the ore, and if successful would result in quicker production. It would provide a better look at the ore and a better chance to sample and appraise it.

Diamond drilling would not permit as definitive an appraisal of the ore but would give a good deal of useful information at a moderate cost and would provide the answer somewhat more quickly than would exploration by the raise. Also by extending the holes a short distance the 1400 stope vein can be tested at very slight additional cost. Sampling in 1400 stope was disappointing but the vein is well mineralized, has a good width, and cannot be entirely discounted. Diamond drilling would also provide more flexibility to solve any fault problems that may be encountered--a not unlikely possibility. Diamond drilling has the additional advantage that it can be done by a reliable diamond drilling firm under contract, thus relieving the operator of the responsibility of supervising the details of the exploration; on the other hand, driving two long raises would require close supervision as well as competent miners and might present difficulties to an inexperienced operator.

After discussing the matter with the applicant we recommend the diamond drilling alternative. We feel that enough information can be obtained from the drilling to determine whether further expenditures are justified and believe that the drilling will provide the most

information at the least expense. Mr. Wilson, the company president, is agreeable to the proposal and states that if the drilling is successful he is confident the company will be able to finance future operation, hire a technical staff, and bring the property into production.

The proposed program is outlined as follows:

Stage I

1. Rehabilitate No. 2 adit, lay track, and install pipe (Note - adit is in good condition and will require little work to make useable.

2. Install track and pipe in the north and south crosscuts on No. 2 adit level.

3. Drill a maximum of 500 feet of long holes to locate the vein.

4. 300 feet of drifting and crosscutting on the No. 2 adit level to explore the vein.

5. Extend No. 2 adit 100 feet.

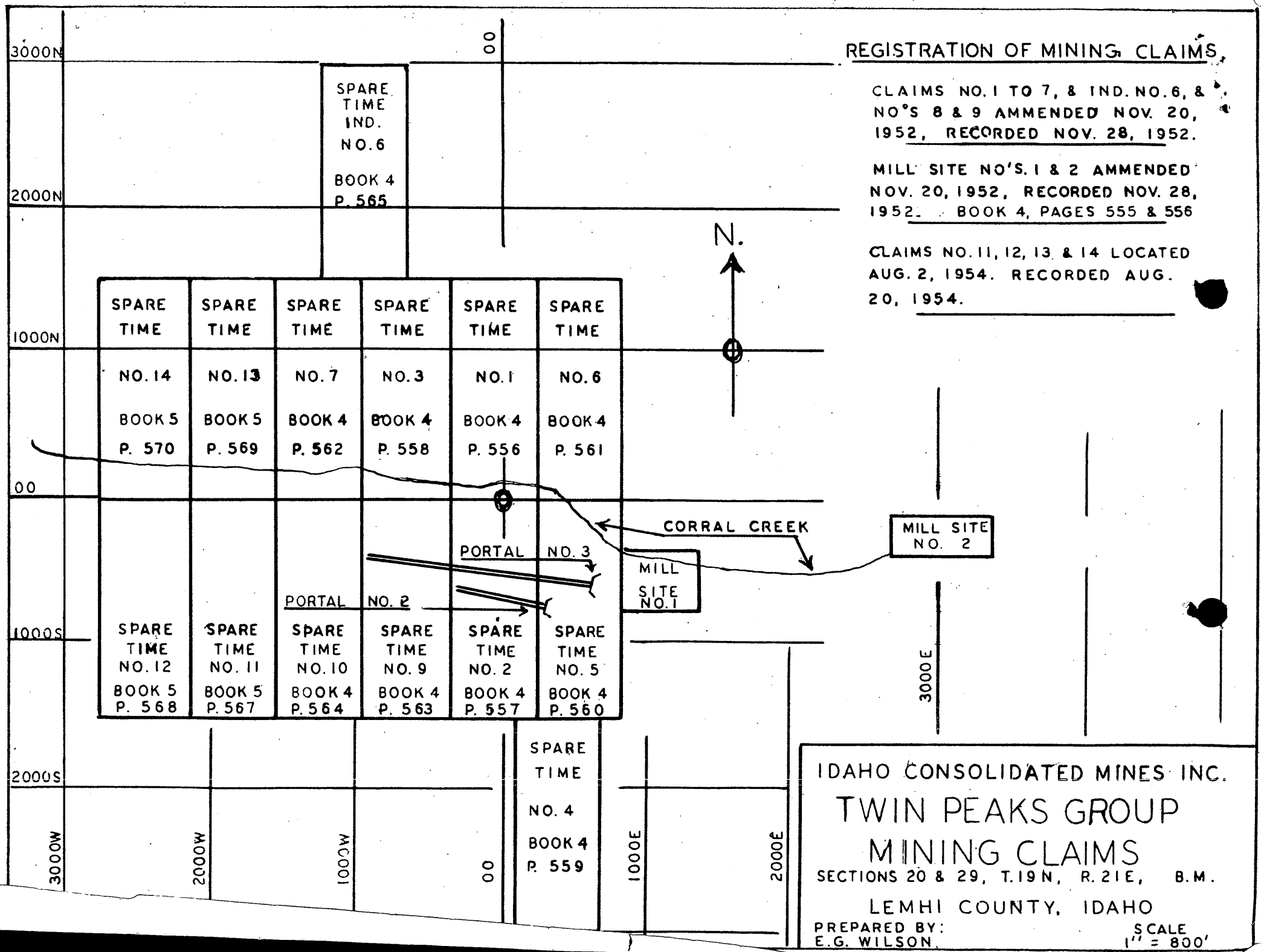
6. Cut diamond drill station.

Stage II (Dependent on results of Stage I)

1. Drill 500 feet of long hole on No. 3 adit level to locate vein.

2. Drift and crosscut on No. 3 adit level 300 feet. There should be an allowance for sampling and an allowance for a geologic consultant to guide the work and insure an adequate final report.

Distribution:
DMEA (4)
USBM (2)
USGS (SRO)
Docket
Nickelson


REGISTRATION OF MINING CLAIMS.
CLAIMS NO. 1 TO 7, & IND. NO. 6, & NO'S 8 & 9 AMMENDED NOV. 20, 1952, RECORDED NOV. 28, 1952.
MILL SITE NO'S. 1 & 2 AMMENDED NOV. 20, 1952, RECORDED NOV. 28, 1952. BOOK 4, PAGES 555 & 556
CLAIMS NO. 11, 12, 13 & 14 LOCATED AUG. 2, 1954. RECORDED AUG. 20, 1954.
N.
3000N
2000N
1000N
00
1000S
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3000W
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SPARE TIME IND. NO. 6 BOOK 4 P. 565
SPARE TIME NO. 14 BOOK 5 P. 570
SPARE TIME NO. 13 BOOK 5 P. 569
SPARE TIME NO. 7 BOOK 4 P. 562
SPARE TIME NO. 3 BOOK 4 P. 558
SPARE TIME NO. 1 BOOK 4 P. 556
SPARE TIME NO. 6 BOOK 4 P. 561
SPARE TIME NO. 12 BOOK 5 P. 568
SPARE TIME NO. 11 BOOK 5 P. 567
SPARE TIME NO. 10 BOOK 4 P. 564
SPARE TIME NO. 9 BOOK 4 P. 563
SPARE TIME NO. 2 BOOK 4 P. 557
SPARE TIME NO. 5 BOOK 4 P. 560
SPARE TIME NO. 4 BOOK 4 P. 559
CORRAL CREEK
PORTAL NO. 3
PORTAL NO. 2
MILL SITE NO. 1
MILL SITE NO. 2
IDAHO CONSOLIDATED MINES INC.
TWIN PEAKS GROUP
MINING CLAIMS
SECTIONS 20 & 29, T. 19 N, R. 21 E, B.M.
LEMHI COUNTY, IDAHO
PREPARED BY:
E.G. WILSON.
SCALE
1" = 800'

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D. C.~~
So. 157 Howard Street
Spokane 4, Washington

Betty

Docket

August 12, 1955

RECEIVED
AUG 19 1955

Mr. W. S. Martin, Acting Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-3879 (lead-zinc)
Idaho Consolidated Mines, Inc.
Twin Peaks Mine
Lemhi County, Idaho

Dear Mr. Martin:

With reference to your letter of August 8, 1955, we are in agreement with Thor H. Kiilsgaard, USGS, that the geology is not adequately portrayed in the application and that the proposed exploration is not clearly depicted. The critical parts of the mine have been completely remapped, and a different program has been worked out which we believe will answer the criticisms raised by O. M. Bishop, USBM. The examination report should be ready for transmittal in a very short time.

Sincerely yours,

A. E. Weissenborn/ccf.

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

cc: USBM (2)
Nickelson

File Copy
Surname
J. Alt
Trusnel
Martin
F. R. Johnson

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

AUG - 8 1955

Mr. A. E. Weissenborn
Executive Officer
DMEA Field Team, Region I
Northwest District
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMEA-3679(Lead-Zinc)
Idaho Consolidated Mines, Inc.
Twin Peaks Mine
Lemhi County, Idaho

Dear Mr. Weissenborn:

A review of the cited application, of which you have retained a copy, indicates that there is much lacking in this application and that it will need a complete study by the Field Team.

In your letter of June 27, you stated that representatives of the Field Team were in the area that week and would examine the property, and that your recommendations would be sent in as soon as possible. Therefore, we will hold this application in abeyance until we receive your recommendations.

We are enclosing memorandums from Thor H. Kiilsgaard, USGS, dated July 20, 1955 and from O. M. Bishop, USBM, dated July 26, 1955.

Sincerely yours,

W. S. Martin
ACTING Chairman, Operating Committee (WSM)

Enclosures

JWAlt/er 8/3/55
Copy to: Docket
Admr R File
Op. Committee
Base Metals
Mr. Bishop, USBM
Mr. Kiilsgaard, USGS
Chron.

APPROVED:

/s/ Robert W. Geehan (WSM)
Member, Bureau of Mines

/s/ N. E. Nelson (WSM)
Member, Geological Survey

R.C.J.

File Copy
Surname

J. Cell.
Griswold
Martin
Nelson
Graham
Kilpatrick

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

AUG - 8 1955

Mr. Edmund G. Wilson, President
Idaho Consolidated Mines, Inc.
4109 Arcade Building
Seattle 1, Washington

Re: Docket No. DMEA-3879 (Lead-Zinc)
Idaho Consolidated Mines, Inc.
Twin Peaks Mine
Lemhi County, Idaho

Dear Mr. Wilson:

Your application for Government assistance to explore your property has been reviewed by the Base Metals Division of the Defense Minerals Exploration Administration and has been referred to:

Mr. A. E. Weissenborn
Executive Officer
DMEA Field Team, Region I
Northwest District
South 157 Howard Street
Spokane 4, Washington

If the Field Team desires additional information, they will contact you at an early date. Any assistance that you may give the Field Team will be appreciated.

Sincerely yours,

C. O. Mittendorf

Administrator

WRGriswold/er 8/3/55
Copy to: Docket
Admr R File
Op. Committee
Base Metals
Mr. Bishop, USBM
Mr. Kiilsgaard, USGS
Region I, (2) NW Dist.
Chron.

R.C.G.

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

RECEIVED
JUL 27 1955

July 26, 1955

Re: DMEA-3879
Twin Peaks Mine
Idaho Consolidated
Mines, Inc.
Lemhi County, Idaho

Memorandum

To: W. R. Griswold, DMEA

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

Subject: Review of Application

The applicant proposes to explore the Twin Peaks Mine, Lemhi County, Idaho with 1,000 feet of drifting and raising which is tentatively located on plan maps and sections submitted. Estimated cost is $38,500.

Specifically the work proposed, as shown on plates 2 and 3, consists of the following work from Adit No. 3:

(1) Drifting southeasterly on the 1,350 south drift, 160 feet,

(2) raising on a 40° inclination from the end of the 1,350 south drift about 420 feet to connect with mineralized fracture zone in Adit No. 2 about 300 feet vertically above Adit No. 3,

(3) drifting northeasterly on the 1,463 north drift about 375 feet toward copper workings which outcrop on Spare Time No. 1 claim, and

(4) drifting or crosscutting westerly from the present face of Adit No. 3 an unstated distance.

In studying the proposal in light of the data presented on the maps it would appear that the drift extension on 1,353 south and the raise from it, while having elements of exploration, are largely development inasmuch as the raise, as depicted in plate 3, intersects and follows the ore structure exposed by stoping above Adit No. 3 and below Adit No. 2 although about 180 feet further to the southeast.

The reasonableness of this proposal and the merit of the other exploration proposed requires field examination.

I note that the photostat of a smelter settlement sheet for November 26, 1952 indicates that production is subject to a 10 percent royalty payment to Charles Kapp of Salmon, Idaho, which suggests a lien on the applicant's title that should be investigated.

O. M. Bishop

O. M. Bishop

Copy to - Division of Minerals
Mr. Kiilsgaard, Room 5222
O. M. Bishop
Files

IN REPLY REFER TO:

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

July 20, 1955 aes

Memorandum

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

From: Thor H. Kiilsgaard, U. S. Geological Survey

Subject: Review of application, Idaho Consolidated Mines, Inc., Lemhi County, Idaho, DMEA Docket 3879 (lead-zinc).

The applicant proposes to explore the Twin Peaks mine with 1,000 feet of drifts, crosscuts, and raises. Cost of the work is estimated at $38,500.

As presented, the application is incomplete and poses many questions. The geologic maps are confusing and it is difficult to tell what structure or structures are to be explored. On the No. 2 level, there appears to be a vein striking west of north and dipping west, but on the No. 3 level there are numerous symbols and scratches, presumably indicating mineralization, but so arranged as to be meaningless. Supposedly, the proposed drift to the southeast and the one to the northeast on the No. 3 level would be on the same structure, although the map does not indicate such a comparison. What the drifts from the western end of the No. 3 level will explore is unknown. In this respect, it might be noted that consulting engineer A. C. Merritt's attached letter is equally vague in discussing the proposed exploration.

The Field Team's letter of June 27 notes that a field examination of the property was planned. It is therefore suggested that they be requested to submit their field report and that they include a geologic map in their report that can be used in evaluating the property. If a contract is recommended it is suggested that careful attention be given to the proposed 405-foot raise from the No. 3 to the No. 2 levels. From the maps in hand it would appear that justification for the raise could be questioned.

Thor H. Kiilsgaard

Thor H. Kiilsgaard

June 30, 1955

Memorandum

To: Executive Officer, DMEA Field Team, Region I & N.W. Dist.

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

DMEA-3879 Idaho Consolidated Mines, Inc.

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

June 30, 1955
Subject: DMEA-3879
Re: Exploration Assistance
Twin Peaks Mine

Idaho Consolidated Mines, Inc.
4109 Arcade Building
Seattle 1, Washington

Gentlemen:

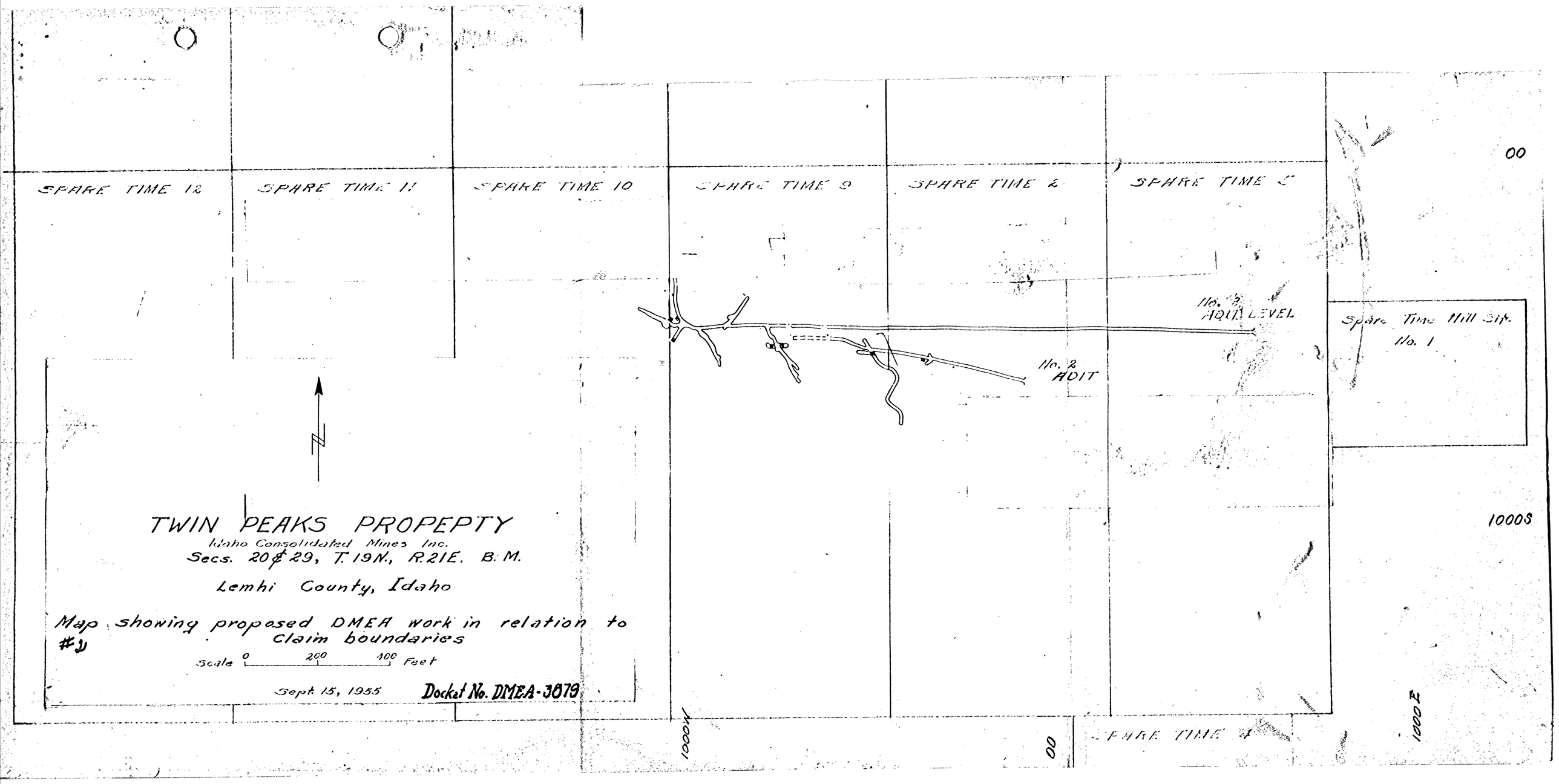
The receipt of your application dated June 15, 1955 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-3879 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


SPARE TIME 12
SPARE TIME 11
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SPARE TIME 9
SPARE TIME 8
SPARE TIME 5
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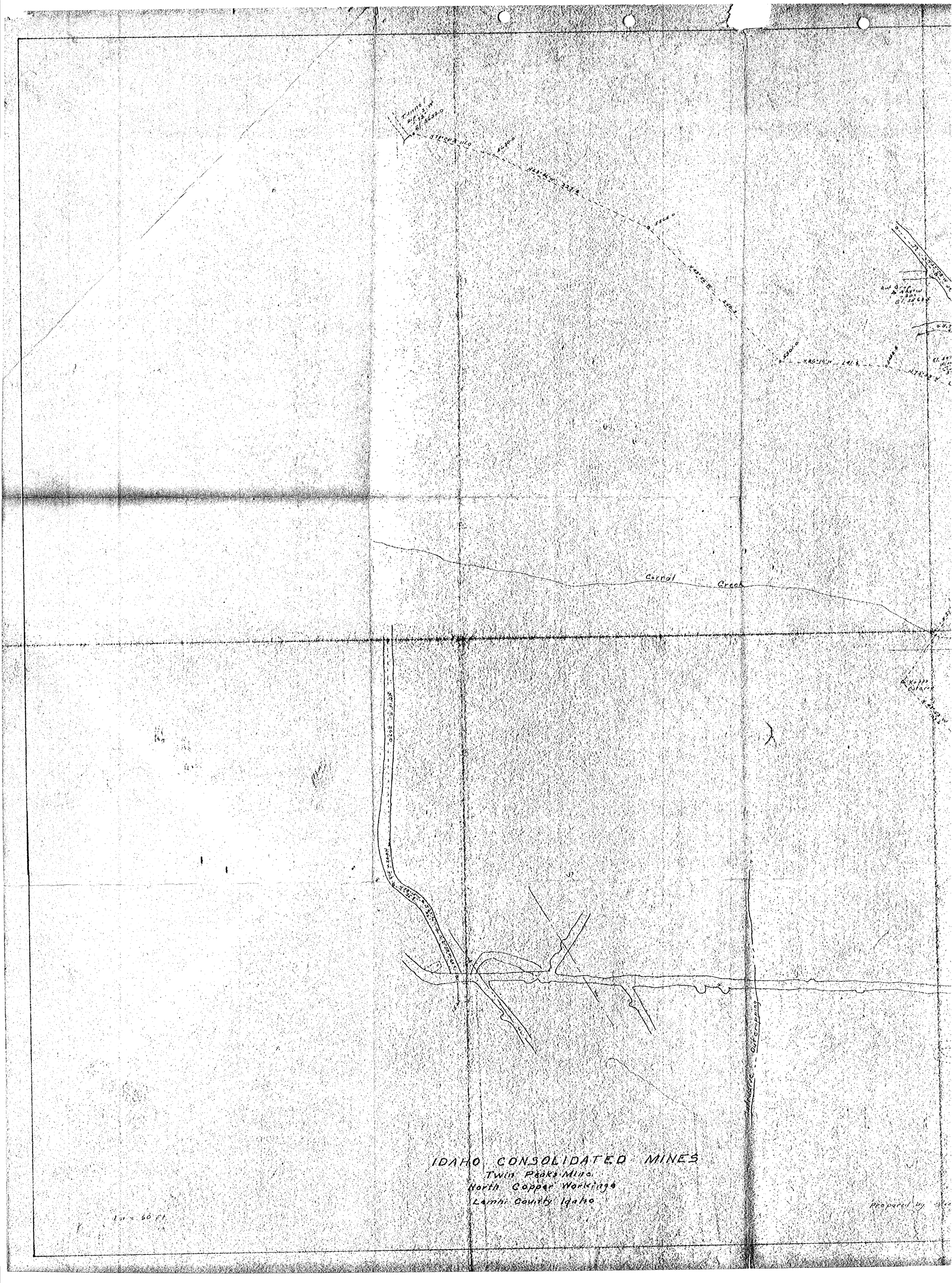
No. 3 ADIT LEVEL
No. 2 ADIT
Spare Time Mill Site No. 1
10000S
TWIN PEAKS PROPERTY
Idaho Consolidated Mines Inc.
Secs. 20 & 29, T. 19N., R. 21E. B.M.
Lemhi County, Idaho
Map showing proposed DMEA work in relation to claim boundaries
#1
Scale 0 200 400 Feet
Sept. 15, 1955
Docket No. DMEA-3879
10000W
00
SPARE TIME 4
10000E


Tunnel
Corral Creek
Outcropping
IDAHO CONSOLIDATED MINES
Twin Peaks Mine
North Copper Workings
Lemhi County Idaho
1 in = 60 ft.
Prepared by

EXPLANATION

Contact of formation

Dike, showing dip (35°)

Strike and dip of beds (38°)

Fault showing dip and direction of movement (68°)

Vein, stringers, and disseminated ore (29°)

Foot of raise or winze

Raise or winze extending through working

Inclined workings, chevrons point downward

468-A 2.4 8.1 19.5 1.88
Sample showing numbers, width, ounces of silver, and percent of lead & copper in that order.

Plate I
Idaho Consolidated Mines Inc.

TWIN PEAKS MINE

Lemhi County, Idaho

Geologic Map of No 2 and No 3 Adits

A.E. Weissenborn and H.B. Nicholson

June 1955

Scale 1" = 40'

Minor additions by alvord
NOV 20 1957

Docket No. DMEA-3879

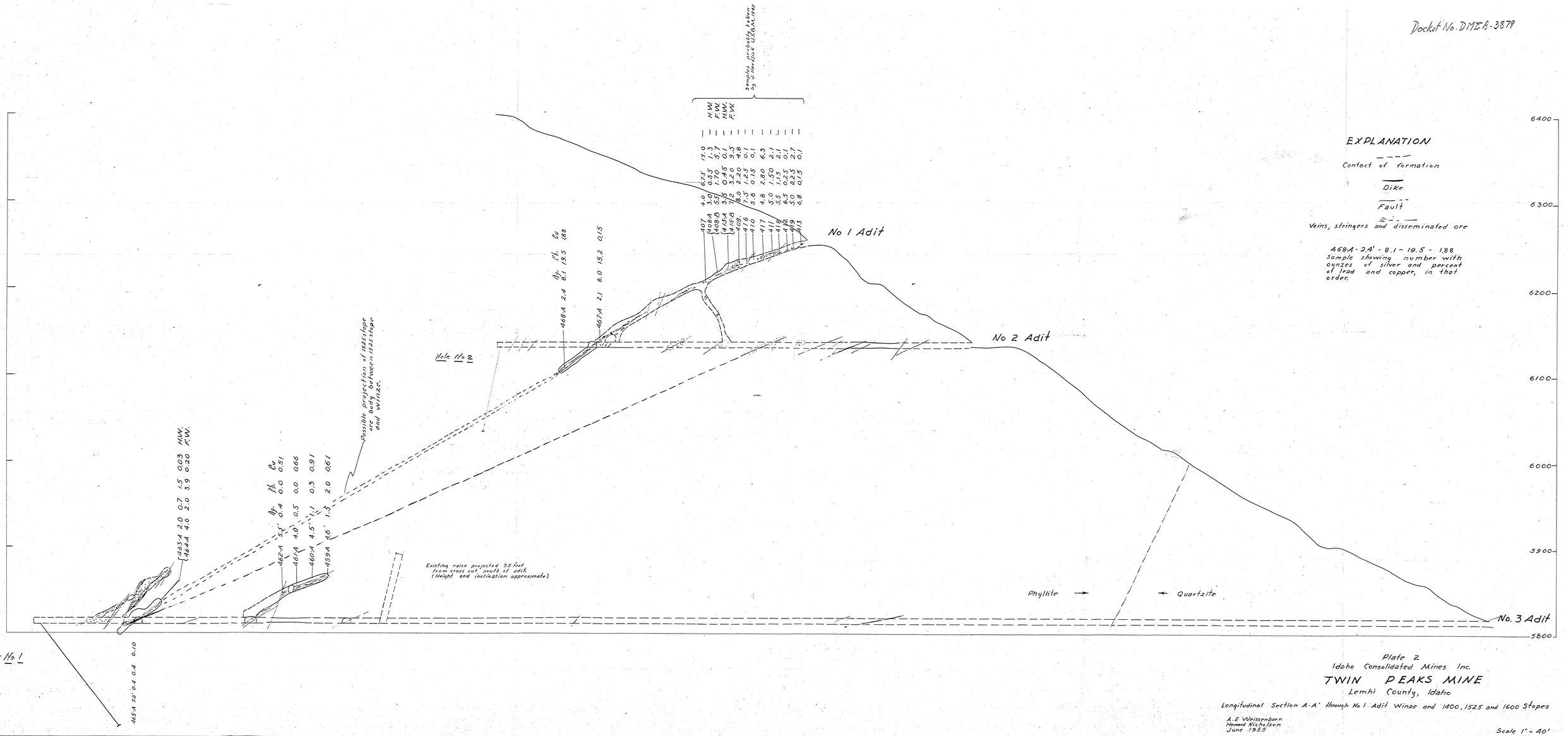


Plate 2

Idaho Consolidated Mines Inc.

TWIN PEAKS MINE

Lemhi County, Idaho

Longitudinal Section A-A' through No 1 Adit Winze and 1400, 1525 and 1600 Stopes

A.E. Weissenborn
Howard Nicholson
June 1955

Scale 1" = 40'

SPARE TIME IND. 6

2000 N.

SPARE TIME 14	SPARE TIME 13	SPARE TIME 7	SPARE TIME 3	SPARE TIME 1	SPARE TIME 6

1000 N.

00

SPARE TIME 12	SPARE TIME 11	SPARE TIME 10	SPARE TIME 9	SPARE TIME 2	SPARE TIME 5

Stage II (dependent on results of Stage I work)
Long hole to test walls of No. 3 Adit level workings for vein (maximum of 500 ft. long hole drilling provided); Then crosscut and drift 300 ft. on No. 3 Adit level to test vein.

Stage I
Cut diamond drill station; diamond drill 1500 ft. of holes to test vein below No. 2 Adit.
Extend adit crosscut 100 ft.

No. 3 ADIT LEVEL

No. 2 ADIT

Stage I
Rehabilitate No. 2 adit, lay track, and install pipe.

Long hole walls of drift to test vein. (maximum of 500 ft. long hole drilling provided); then crosscut and drift 300 ft. to explore vein on No. 3 adit level.

Spare Time Mill Site No. 1

Spare Time Mill Site No. 2

1000 S.

SPARE TIME 4

2000 S.

3000 E.

N

2000 W

1000 W

00

1000 E

2000 E

TWIN PEAKS PROPERTY

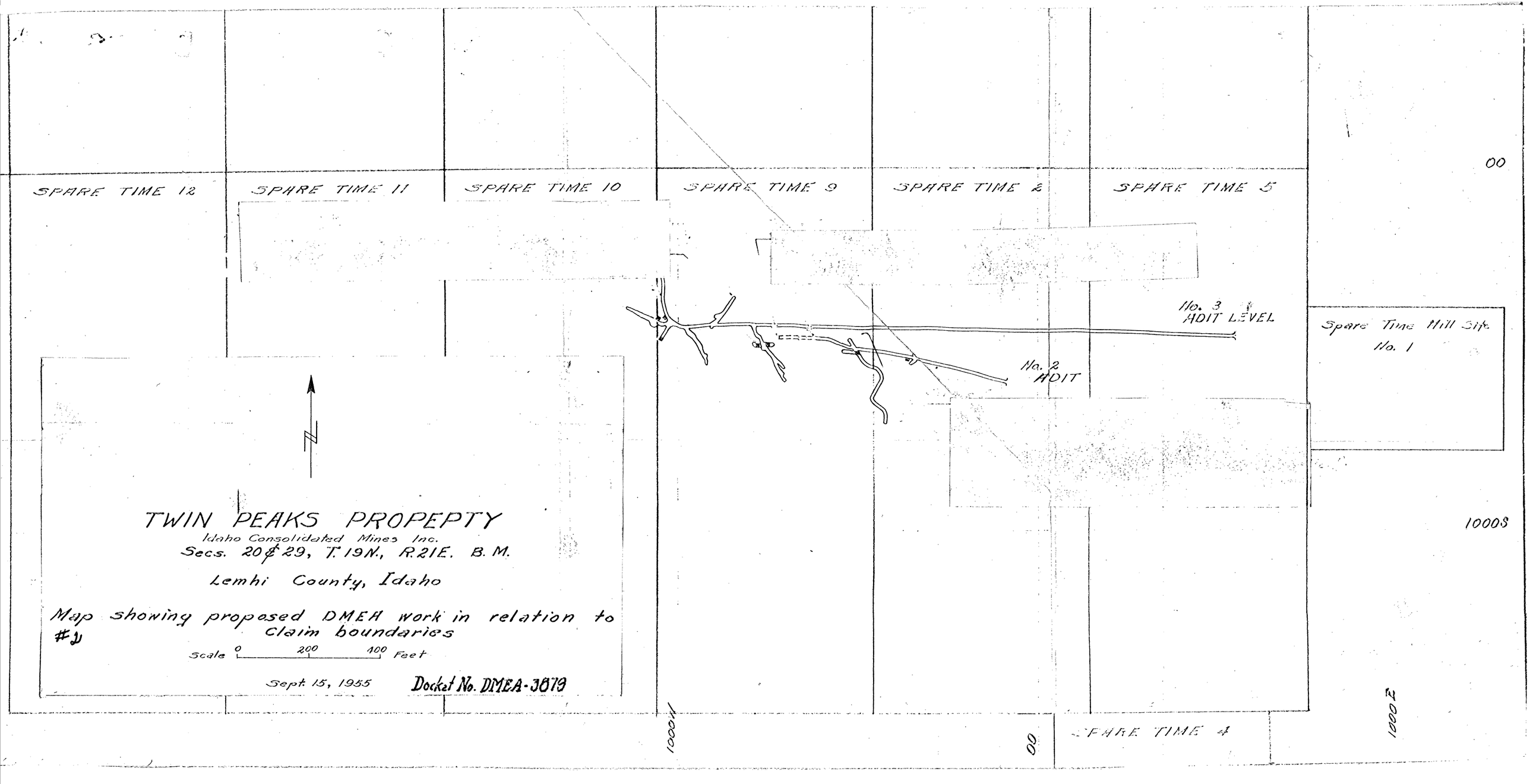
Idaho Consolidated Mines Inc.
Secs. 20 & 29, T. 19N., R. 21E. B. M.

Lemhi County, Idaho

Map showing proposed DMEA work in relation to claim boundaries

Scale 0 200 400 feet

Sept. 15, 1955


SPARE TIME 12
SPARE TIME 11
SPARE TIME 10
SPARE TIME 9
SPARE TIME 8
SPARE TIME 5
SPARE TIME 4
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1000S
1000W
00
1000E
No. 3 ADIT LEVEL
No. 2 ADIT
Spare Time Mill Site No. 1
N
TWIN PEAKS PROPERTY
Idaho Consolidated Mines Inc.
Secs. 20 & 29, T. 19N., R. 21E. B. M.
Lemhi County, Idaho
Map showing proposed DMEA work in relation to claim boundaries
#1
Scale 0 200 400 Feet
Sept. 15, 1955
Docket No. DMEA-3879

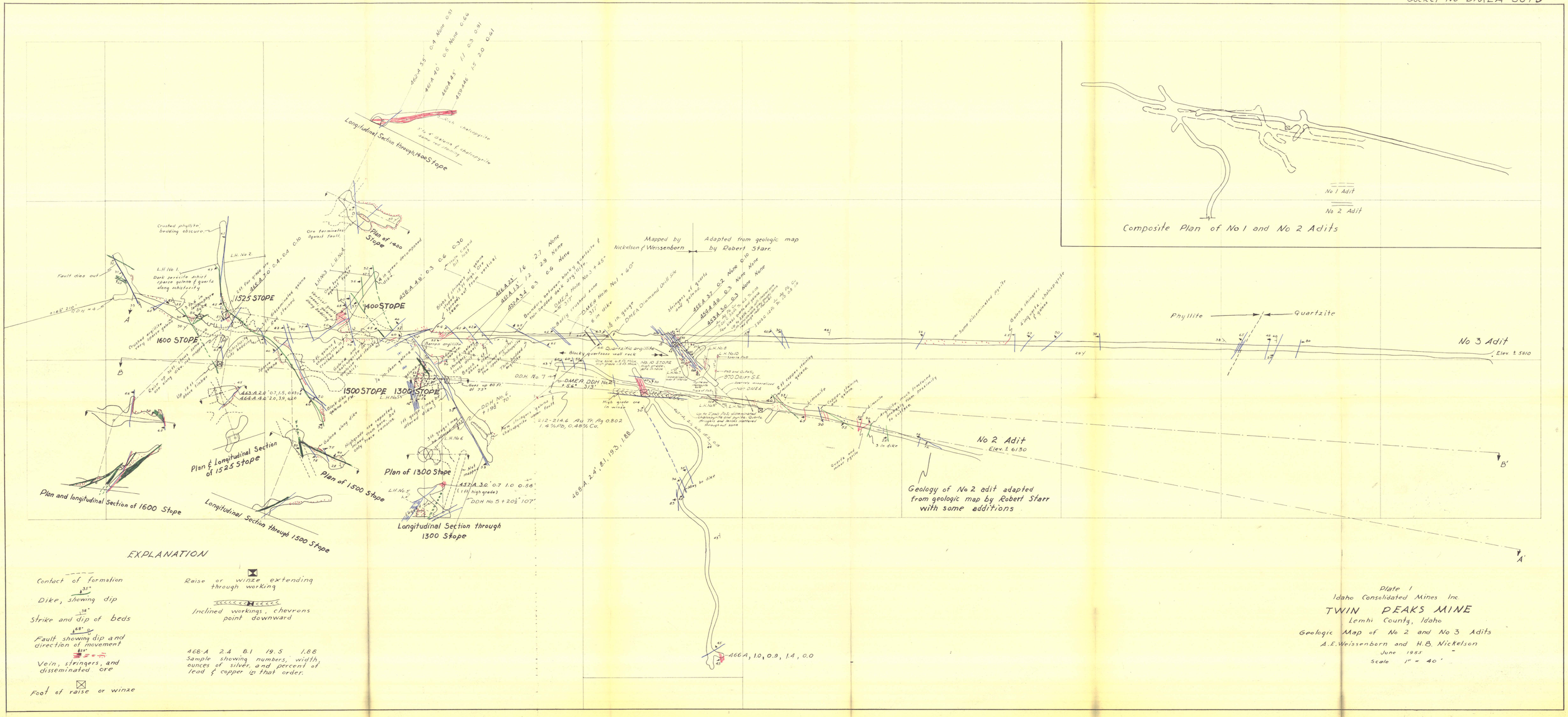


Plate I
Idaho Consolidated Mines Inc.

TWIN PEAKS MINE

Lemhi County, Idaho

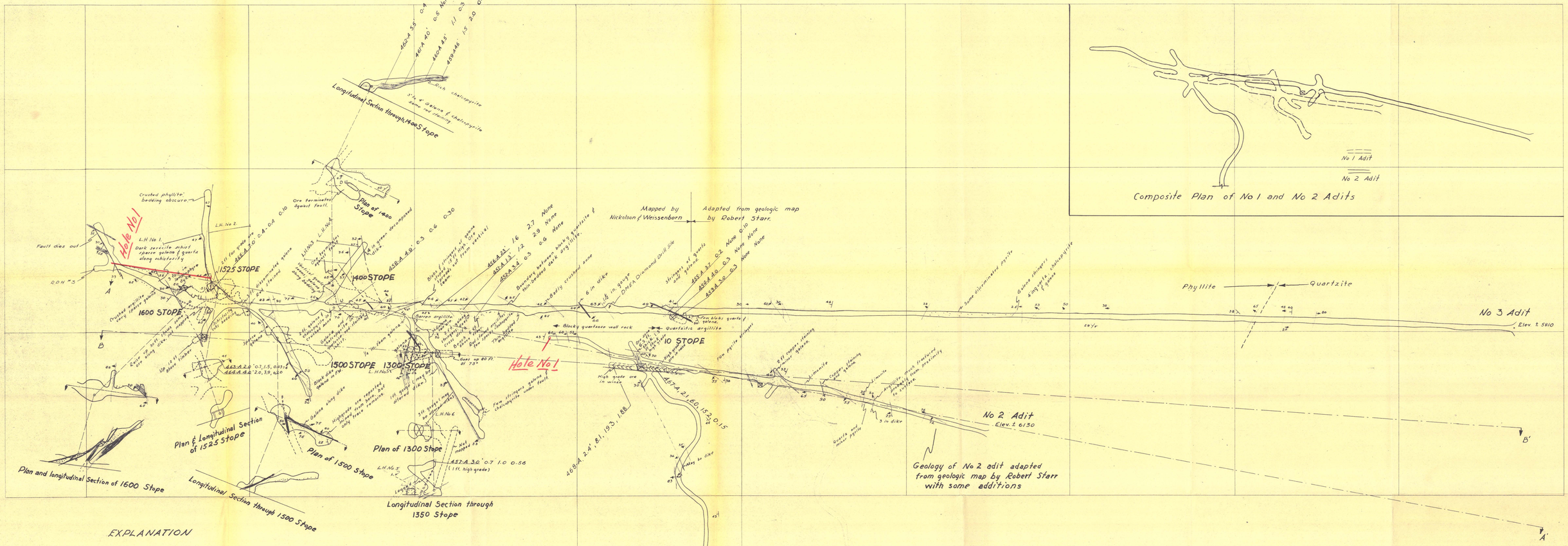
Geologic Map of No 2 and No 3 Adits

A.E. Weissenborn and H.B. Nickelson

June 1955

Scale 1" = 40'

Docket No. DMIA 3079



EXPLANATION

Contact of formation

Dike, showing dip

Strike and dip of beds

Fault showing dip and direction of movement

Vein, stringers, and disseminated ore

Foot of raise or winze

Raise or winze extending through working

Inclined workings, chevrons point downward

468 A 2.4 8.1 19.5 1.88
Sample showing numbers, width, ounces of silver, and percent of lead & copper in that order.

Plate I
Idaho Consolidated Mines Inc.

TWIN PEAKS MINE

Lemhi County, Idaho

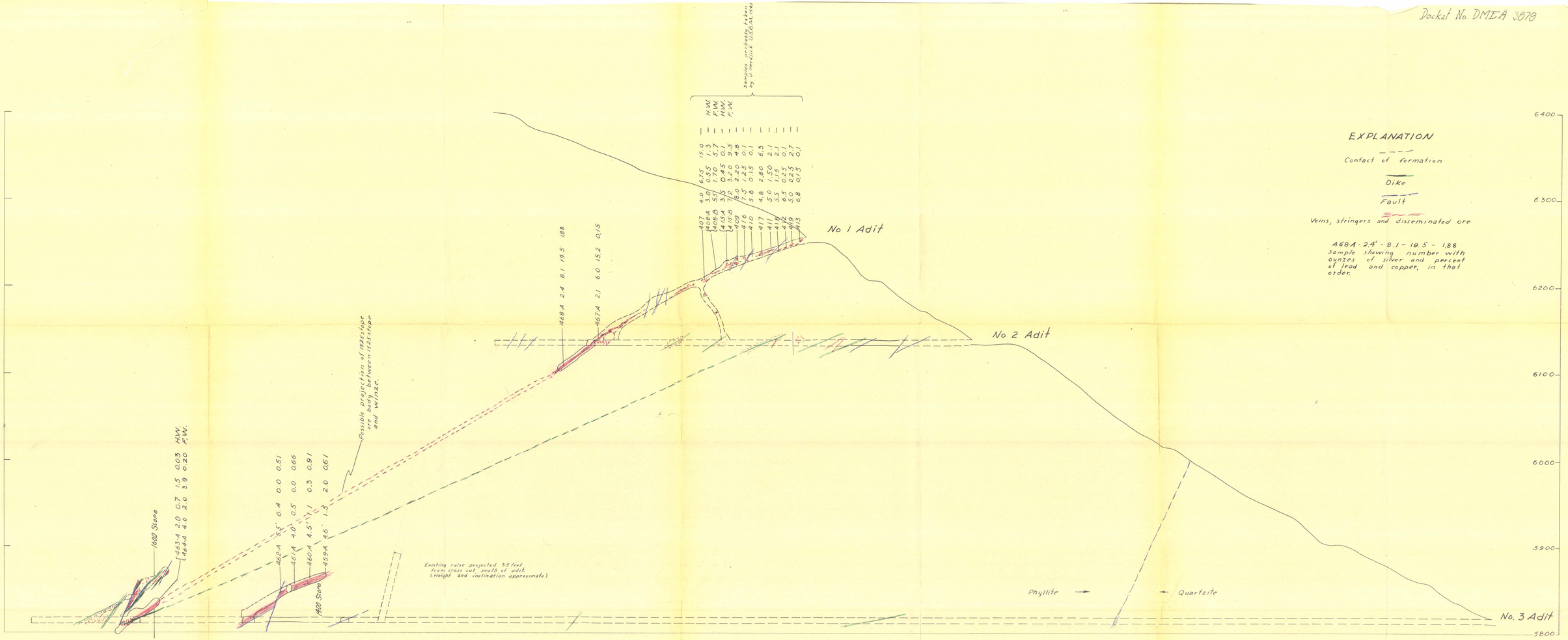
Geologic Map of No 2 and No 3 Adits

A.E. Weissenborn and H.B. Nicholson

June 1955

Scale 1" = 40'

Docket No. DMEA 3879



EXPLANATION

Contact of formation

Dike

Fault

Veins, stringers and disseminated ore

468A-2.4' - 8.1 - 19.5 - 1.88
Sample showing number with ounces of silver and percent of lead and copper, in that order.

Plate 2
Idaho Consolidated Mines Inc.

TWIN PEAKS MINE

Lemhi County, Idaho

Longitudinal Section A-A' through No 1 Adit Winze and 1400, 1525 and 1600 Stopes

A.E. Weissenborn
Howard Nicholson
June 1953

Scale 1" = 40'

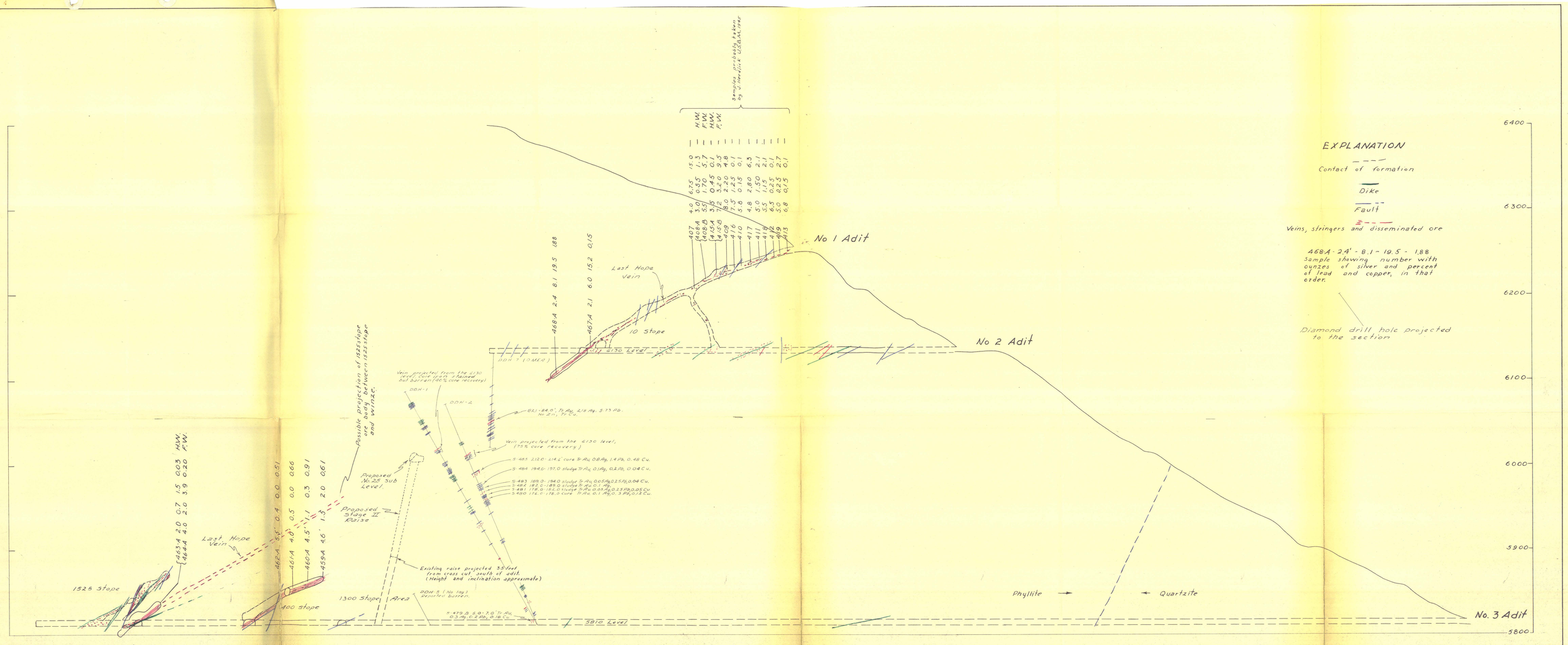


Plate 2

Idaho Consolidated Mines Inc.

TWIN PEAKS MINE

Lemhi County, Idaho

Longitudinal Section A-A' through No 1 Adit Winze and 1400, 1525 and 1600 Stopes

A.E. Weissenborn
Howard Nicholson
June 1955
Additions by D.C. Alverd Feb. 1958

Scale 1" = 40'

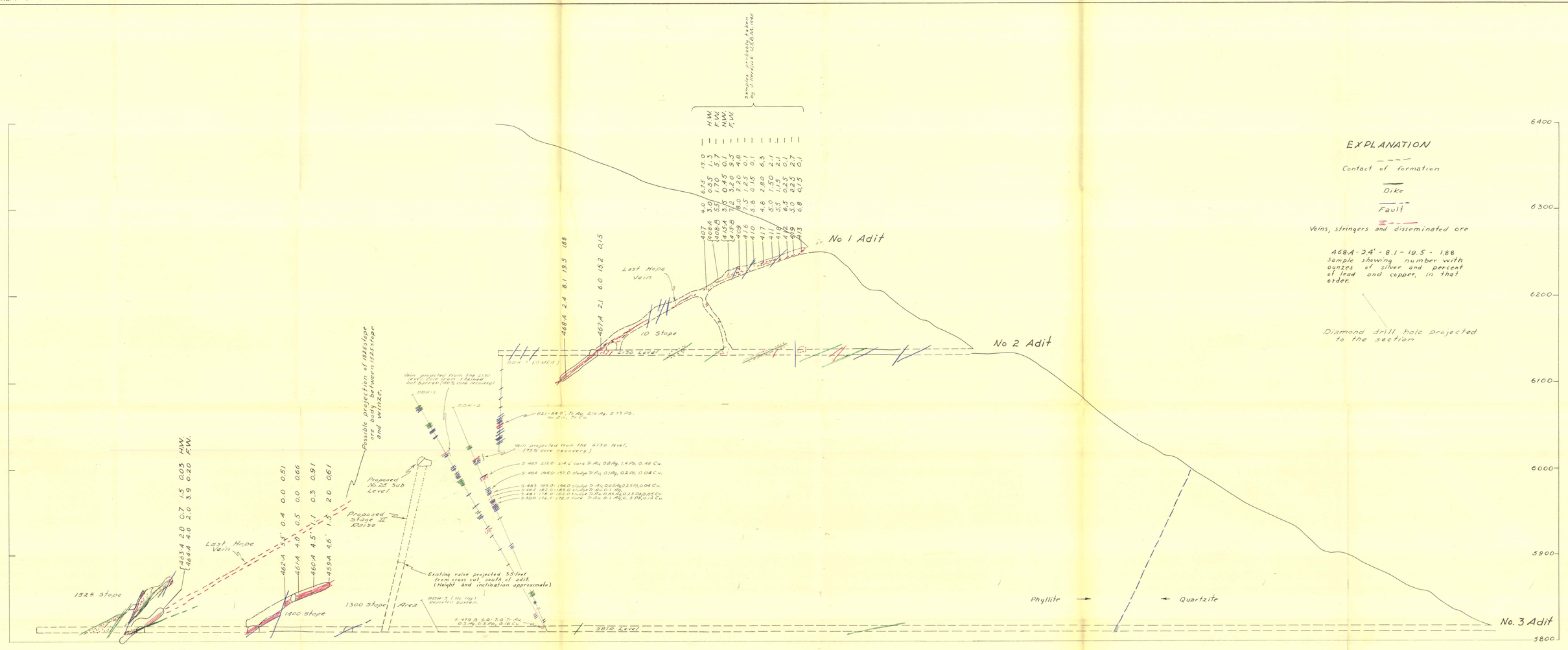


Plate 2
Idaho Consolidated Mines Inc.

TWIN PEAKS MINE

Lemhi County, Idaho

Longitudinal Section A-A' through No 1 Adit Winze and 1400, 1525 and 1600 Stopes

A.E. Weissenborn
Howard Nickelson
June 1955
Addition by D.C. Alvord Feb 1956

Scale 1" = 40'

UNITED STATES
DEPARTMENT OF THE INTERIOR

PREPARED FOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
FINAL REPORT

Docket No DMEA 3879

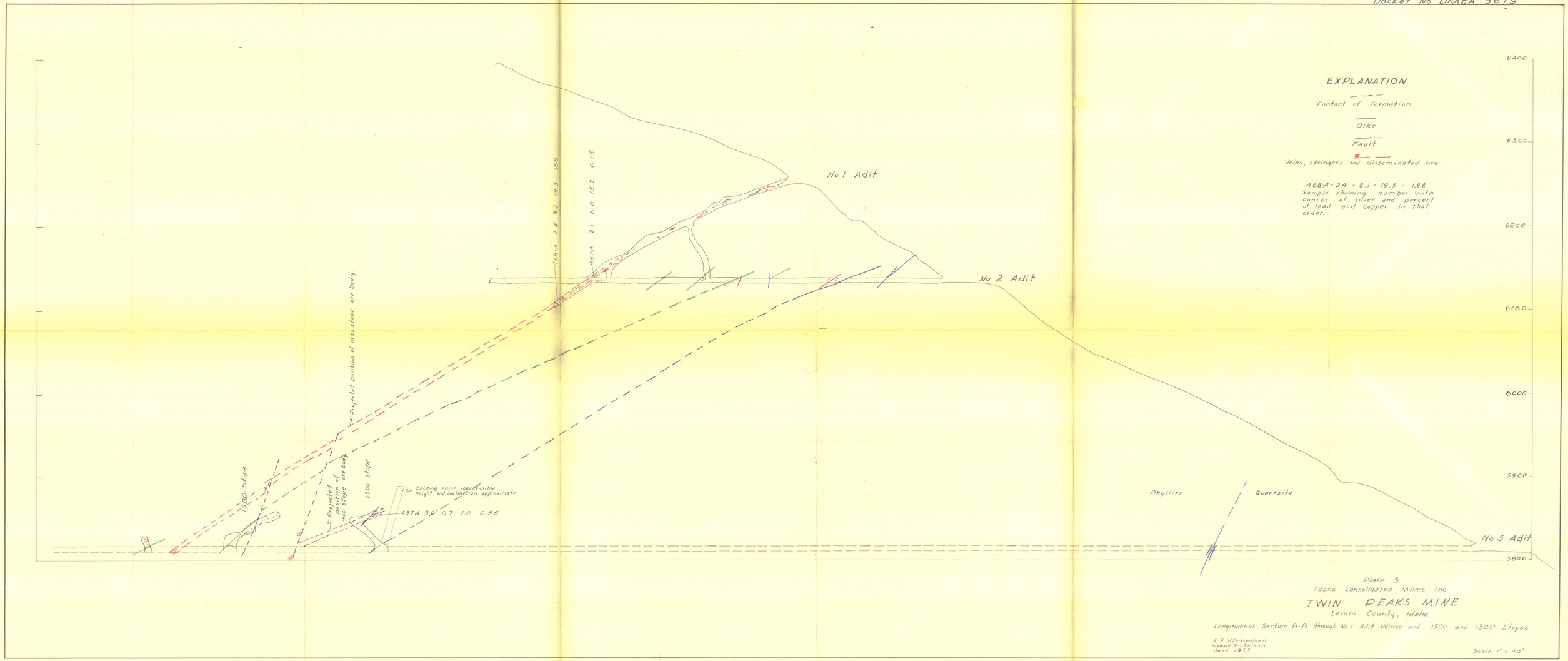
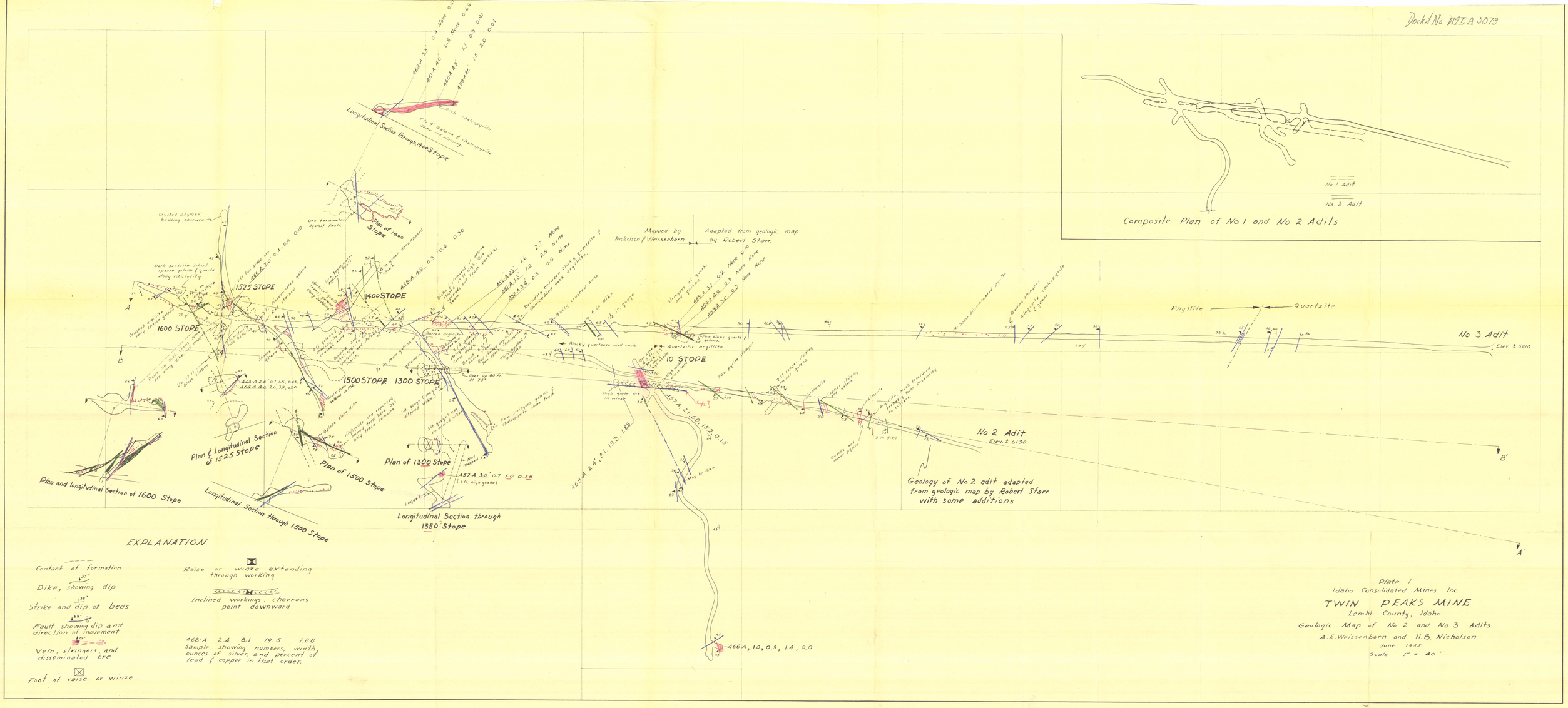


Plate 3
Idaho Consolidated Mines Inc
TWIN PEAKS MINE
Lemhi County, Idaho
Longitudinal Section B-B' through No 1 Adit Winze and 1500 and 1300 Stopes

A. E. Weissenborn
Howard Nicholson
June 1955

Scale 1" = 40'

Docket No MIA 3079



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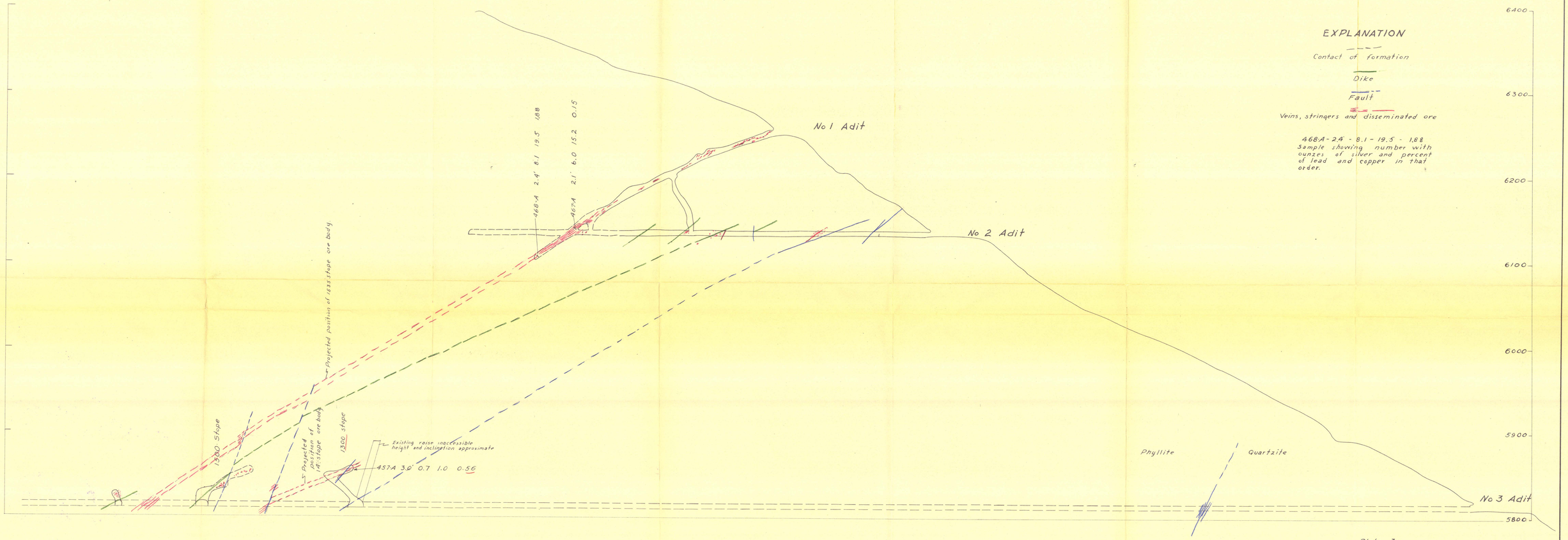

Plate 3

Idaho Consolidated Mines Inc

TWIN PEAKS MINE

Lemhi County, Idaho

Longitudinal Section B-B' through No 1 Adit Winze and 1500 and 1300 Stopes

A. E. Weissenborn
Howard Nicholson
June 1955

Scale 1" = 40'