REQUEST FOR INFORMATION
FROM OPERATOR ON CERTIFIED PROJECT
AND PROJECT UNDER ROYALTY AGREEMENT

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

From: Field Officer, OME, Region I
So. 157 Howard Street
Spokane 4, Washington

Concerning: Idm - E895
Docket No. DMEA-3879 (Lead-Zinc)
Property Twin Peaks Mine

Location Lemhi County, Idaho

Date: December 7, 1961

OFFICIAL FILE COPY
O. M. E
RECEIVED DEC 22 1961

DATE	INITIALS	CODE
		110
12/22	[illegible]	800
12/26	[illegible]	500
		220

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

With the certification of the exploration project identified above, you were asked to inform our office about changes in the status of the property and production from it.

To assist you to furnish this information and to assure the accuracy of our records, we ask that you answer the questions below and return ~~one copy~~ two copies to this office with copies of any pertinent documents.

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

1. Since April 1, 1961, has there been a change in ownership, lease, or sublease about which the OME has not been notified? If yes, please state details of the transaction below and provide a true or signed copy of the pertinent documents. Yes ☐ No ☑

2. Since April 1, 1961, has there been any production from the property?* Yes ☑ No ☐

A. If so and it was shipped, give name and address of purchaser? See Reverse side of this Sheet

	Quantity	Value
ASAR Helena Mont.	18,901	$835.52

B. If stockpiled awaiting sale, state quantity, grade, and location.

Type	Quantity		Estimated Grade	Location
Ore		Tons		
Concentrates	12	Tons	45% Pb 15% Cu.	IN BINS AT MINE
Other		Tons		

Submitted by:

Name Edmund G. Wilson Title President

Address 4109 Arcade Bldg Date Dec 8/61

MME Form 63 8-60 * Property means land subject to the contract. 79340-60

Royalty has been paid on the shipment noted on other side of this sheet.

Correct Failed 12/12/61

Stockpiled concentrates indicated are too high in copper to ship at this time, to a lead smelter

RECEIVED
DEC 11 1961
U. S. G. S.
SPOKANE, WASH.

OFFICIAL FILE COPY
O M E.
RECEIVED FEB 2 1959

DATE	INITIALS	CODE
2/2	G	220
		110
		800
2-4		500

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

SEMI-ANNUAL REPORT OF CERTIFIED PROJECT

Reporting period: July 1 to December 31, 1958

Date of report: January 2, 1959

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

Mine name: Twin Peaks

County and State: Lemhi County, Idaho

Docket number and commodity: DMEA-3879 (lead-zinc)

Contract number: Idm-E895

Date of contract: November 10, 1955

Date of certification: August 9, 1957

Expiration date of royalty payments: November 10, 1966

Total amount of contract: $17,370.00

Total expenditures under contract: 7,279.50

Amount of Government participation @ 50%: 3,639.75

Royalty payments this period: none

Previous royalty payments: $ 40.10

Total royalty payments to date: 40.10

Percent Government participation repaid: 1.1%

Royalty due on production to date: none

Royalty remarks: none

	Tons	Analysis
Original estimate of DMEA reserves (from Field Team final report) Mines ____ Survey____ Joint _x_	No measurable reserves.	
Revised estimate of DMEA reserves (Field Team) Mines____ Survey____ Joint ___		
Increase of reserves by work performed subsequent to DMEA project work:	none	
Production of DMEA ore (this period);	none	
(previous):	21.963 tons	
(to date):	21.963 tons	
Production of Operator's ore found subsequent to DMEA work (this period):	none	
(previous):	none	
(to date):	none	
Percent of revised reserves mined:		

Production remarks: The royalty paid to date was on minor production during the contract period. It is doubtful whether any significant production will ever result from this property.

Investment data: none

Signed: S. W. Zoldok (Engineer)

Distribution:
OME (4)
USGS (2)
USBM (AD)
USBM (2)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

1201 N. Division St.
Spokane 2, Washington

OFFICIAL FILE COPY
DMEA
RECEIVED JUN 9 1958

May 15, 1958

MEMORANDUM

To: DMEA Field Team, Region I

From: Wm. M. Romischer, Mining Engineer, Bureau of Mines

Subject: Final inspection, Docket No. DMEA-3879 (lead-zinc), Idaho Consolidated Mines, Twin Peaks Mine, Lemhi County, Idaho, Contract No. Idm-E895

No visit was made to the property but Mr. Rick Merrick, manager, was interviewed at Salmon, Idaho, on May 9, 1958, at which time he stated that no one was at the property and no additional DMEA contract work was done since my inspection on December 5, 1957.

Stage I contract work has been completed. This work consisted of 5 diamond drill holes totaling 1,170 feet and 10 long holes totaling 406 feet. In addition, 25 samples have been assayed for gold, silver, copper, and lead. The minimum size of core in the diamond drilling is AX. The diamond drill holes were logged by a Government geologist.

The last hole drilled on the DMEA contract under Stage I was DDH-7 (reported as DDH-6 in the interim inspection reports), bearing S. 18° W., slope -70°, with a length of 120 feet. The hole was completed November 16, 1957. This hole was collared near the west end of Adit No. 2 and was drilled to test the Last Hope vein directly down plunge from the No. 2 level ore shoot.

Samples of the core and sludge for the intervals indicated were assayed for gold, silver, copper, lead and zinc, with the following results:

Sample No.	Intercept (feet)		Au oz/T	Ag oz/T	Cu %	Pb %	Zn %
WMR-1	81.0 - 82.1	core	Tr	0.5	0.0	0.8	--
2	82.1 - 82.3	core	0.02	9.7	Tr	19.3	--
3	82.3 - 83.2	core	Tr	2.0	Tr	5.5	--
4	83.2 - 84.0	core	Tr	0.5	Tr	2.6	--
5	84.0 - 87.0	core	Tr	Tr	0.12	0.0	--
7	84.0 - 87.0	sludge	Tr	Tr	0.12	Tr	--
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 - 84.0 feet contains an average of 2.2 oz. silver and 5.7 percent lead. These results indicate that the vein is present and, although narrow, contains lead. Core recovery from 82.1 - 84.0 was 90 percent; however, core recovery from 84.0 - 87.0 and 87.0 - 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 DDH-7.

The status of the contract at the time of the inspection was:

Date of contract: November 10, 1955
Termination date: December 10, 1957
Contract amount: $17,370.00
Amount spent: 6,449.50 (thru September 1956)

Stage I	Authorized	Completed
Diamond drilling	1200 ft.	1170 ft. @ 5.80 $ 6,786.00
Long hole drilling	500 ft.	406 ft. @ 1.00 = 406.00
Samples assayed	60	25 @ 3.50 = 87.50
		$7279.50

Stage II

Not authorized

The contract was automatically terminated on December 10, 1957 under the provisions of Amendment No. 2, item 3(a)(2). This amendment also contained a pseudo-certification.

The Government retains no equity in equipment, operating materials or supplies used at the project.

Wm. M. Romischer

Distribution:
DMEA (4)
USGS (2)
USBM (AD)
Docket
Turner
Romischer

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
1201 N. Division St.
Spokane 2, Washington

ORIGINAL FILE COPY
DMEA
RECEIVED JAN 10 1958

DATE	INITIAL	
1/10	C	220
1/13	[illegible]	160
1/14	[illegible]	50

December 16, 1957

MEMORANDUM

To: DMEA Field Team, Region I

From: Wm. M. Romischer, Mining Engineer, Bureau of Mines

Subject: Interim inspection, Docket No. DMEA-3879 (lead-zinc), Idaho Consolidated Mines, Twin Peaks Mine, Lemhi County, Idaho, Contract No. Idm-E895

The property was visited December 5. Mr. Rick Merrick, manager, was present. No other persons were working at the mine. The previous inspection was made November 1.

Work under the DMEA contract since the last inspection consists of a single diamond drill hole (DDH No. 6) which was drilled to test the downward extension of an ore body chiefly containing galena in a grayish brown phyllite. The hole bears S. 18° W., slopes -70°, and has a length of 120 feet. The last block marking the sludge interval at 120 feet was nearly illegible.

The interval from 81.0 to 90.0 feet contained traces to significant amounts of lead and copper minerals with some zinc. Samples of the core and sludge for the intervals indicated were obtained and will be assayed for gold, silver, copper, lead and zinc ores, as follows:

Core Interval (ft.)	Length (ft.)	Sample No.
81.0 - 82.1	1.1	WMR - 1
82.1 - 82.3	0.2	WMR - 2
82.3 - 83.2	0.9	WMR - 3
83.2 - 84.0	0.8	WMR - 4
84.0 - 87.0	3.0	WMR - 5
87.0 - 90.0	3.0	WMR - 6

Sludge Interval	Length	Sample No.
84.0 - 87.0	3.0	WMR - 7 (5-s)
87.0 - 90.0	3.0	WMR - 8 (6-s)

According to Mr. Merrick, DDH No. 6 was actually drilled 120 feet but the last 3 feet of core was not recovered because of trouble with the core barrel. The sludge for this interval was recovered by the driller but the wooden block marking this interval was nearly illegible. This is mentioned because Mr. Alvord, geologist, U. S. Geological Survey, upon logging the hole has 117 feet which is the actual core interval recovered.

The status of the contract is:

Date of contract: November 10, 1955
Termination date: December 10, 1957
Contract amount: $17,370.00
Amount spent: 5,805.70 (thru August 1956)

	Authorized	Completed	Vouchered thru Aug. '56
Stage I			
Diamond drilling	1,200 ft.	1,170 ft.	939 ft.
Long hole drilling	500 ft.	406 ft.	300 ft.
Samples	60	25	17

Wm. M. Romischer

Distribution:
DMEA (4)
USGS (2)
USBM (AD)
Docket
Romischer

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED NOV 10 1958 M.E.

OPERATOR'S MONTHLY REPORT AND VOUCHER

SUPPLEMENTAL

Month of Oct.-Nov., 1957 Docket No. DMEA 3879 Contract No. Idm-R895
Operator's Name Idaho Consolidated Mines, Inc. Minerals Lead-Zinc
Address 4109 Arcade Bldg., Seattle 1, Wash.
Contract Amount, $17,370.00 Government Participation: 50 % Amount, $8,685.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:				12/18/58		
Drilling		6786.00	6786.00		6786.00	6786.00
~~Building~~ Long Hole	2.00	404.00	406.00	2.00	404.00	404.00
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	28.00	59.50	87.50	28.00	59.50	87.50
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	30.00	7249.50	7279.50	30.00	7249.50	7279.50

I certify that the above bill is correct and just and that payment therefor has not been received.

Date Oct 14/58 *Payee Idaho Consolidated Mines, Inc.

Per Edmund H Wilson Title President

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

→ NOTE.—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.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 15.00

Signature Dorothy T. Long
(Authorized Certifying Officer)

Date 11/4/58 Vou. No. 2242

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E 895 in accordance with the terms of the contract.

Signature /s/ Stephen W. Foldok Title Mining Engr. Date 10-15-58

APPROVAL BY ~~DMEA~~ DME EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ A. E. Weissenborn Title Exec. Officer Date Oct. 17, 1958

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S UNIT COST AND PROGRESS REPORT

RECEIVED NOV 10 1958 O.M.E.

SUPPLEMENTAL

Month of Oct.-Nov. 1957 Docket No. DMEA 3879 Contract No. Idm-E895

Operator's Name Idaho Consolidated Mines, Inc. Minerals Lead-Zinc

Address 4109 Arcade Bldg., Seattle 1, Wash.

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core	ft.			6786.00	1170	5.80	1200	5.80/ft.
Long Hole	ft.	2.00	2	406.00	406	1.00	500	1.00/ft.
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Assays	ea.	28.00	8	87.50	25	3.50	60	3.50 ea.
Total Distributed Costs		30.00		7279.50				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		30.00		7279.50				

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date Oct 14/58 Operator Idaho Consolidated Mines, Inc.

Per Edmund G. Wilson Title President

Remarks:

NOTE.—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.

(Instructions on reverse)

(For Government use only)

/s/ Stephen W. Zoldok, Mining Engr.

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

1201 N. Division St.
Spokane 2, Washington

November 3, 1958

Mrs. Dorothy Long, Certifying Officer
OME Field Team, Region I
1201 N. Division Street
Spokane 2, Washington

Re: Docket No. DMEA-337-(Lead-Zinc)
Idaho Consolidated Mines, Inc.
Twin Peaks Mine
Contract No. Idm-2895

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 20, 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. J. Weissenborn, Exec. Officer
OME Field Team, Region I

cc: OME (2)
USGS (2)
Contract Admin. & Audit Div. (2)
Docket

Form MR-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1035.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

RECEIVED NOV 18 1958 O.M.E.

Month of Oct. Nov., 195 7 Docket No. DMEA 3879 Contract No. idm E-985 895

Operator's Name Idaho Consolidated Mines, Inc. Minerals Lead-Zinc

Address 4109 Arcade Bldg, Seattle I, Wash.

Contract Amount, $ 17,370.00 Government Participation: 50% Amount, $ 8,685.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:	6986.00	6090.00	6786.00	12/18/58		
~~595.50~~	~~5,141.00~~					
~~602.00~~	~~XXXXXX~~	~~6838.50~~		696.00	6090.00	6786.00
Drilling						
Bulldozing Long Hole	104.00	300	404.00	104.00	300.00	404.00
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis		59.50	59.50		59.50	59.50
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
	800.00	6449.50	7249.50			
TOTALS	~~800.00~~	~~5,541.00~~	~~7302.50~~	800.00	6449.50	7249.50

I certify that the above bill is correct and just and that payment therefor has not been received.

Date 12-16-57 *Payee Idaho Consolidated Mines, Inc.

Per Edmund M. Wilson Title President

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—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.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 400.00

Signature Dorothy F. Long
(Authorized Certifying Officer)

Date 11/4/58 Vou. No. 2242

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E 985 in accordance with the terms of the contract.

Signature 1s/ William M. Ronecker Title Mining Engr. Date 12/19/57

APPROVAL BY ~~DMEA~~ OME EXECUTIVE OFFICER OR ALTERNATE:

Signature 1s/ A. E. Weissenborn Title Exec. Officer Date Oct. 17, 1958

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1962)

Budget Bureau No. 42-R1151.2

RECEIVED NOV 10 1958 O.M.E.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of Oct-Nov 7 Docket No. 3379 DMEA Contract No. Idm-E-895

Operator's Name Idaho Consolidated Mines, Inc Minerals Lead-Zinc

Address 4109 Arcade Bldg

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts		696.00		6786.00				
Winzes		~~602.00~~	120	~~6844.00~~	1150	5.00	1200	5.00/ft
Drilling: Core Long Hole		104.00	104	404.00	404	1.00	500	1.00/ft
Churn Assays		—	—	59.50	17	3.50	60	3.50 ea
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
		~~706.00~~	~~224~~	~~7308.00~~				
TOTAL DISTRIBUTED COSTS		~~700.00~~ 800.00		7249.50				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.		800.00						
		~~706.00~~	~~224~~	~~7308.00~~				
TOTAL COSTS		~~700.00~~		7249.50				

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date 12-16-57 Operator Idaho Consolidated Mines, Inc

Per Edmund G. Wilson Title President

REMARKS:

NOTE.—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.

(Instructions on reverse)

(For Government use only)

/s/ William M. Ronischer, Mining Engr., 12/19/57

INSTRUCTIONS

Preparation of Form MF–104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF–104A has been designed to tie in with Form MF–104 for both monthly and cumulative costs. The "Total Costs" on Form MF–104A for each month should equal the monthly "Total Costs" as reported on Form MF–104. This is also true of the "Total Costs To Date".

In preparing Form MF–104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

MINES: SALMON, IDAHO

IDAHO CONSOLIDATED MINES, INC.
4109 ARCADE BUILDING • SENECA 8356
SEATTLE 1, WASHINGTON

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 G. Wilson

Edmund G. Wilson—President

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

DMEA
RECEIVED DEC 16 1957

DATE	INITIALS	CODES
12/16	C	220
/16	Com	100
12/18	Jwa	500

December 6, 1957

MEMORANDUM

To: DMEA Field Team, Region I

From: D. C. Alvord, Geologist, U. S. Geological Survey

Subject: Interim Inspection Report, Docket No. DMEA-3879 (lead-zinc), Idaho Consolidated Mines, Inc., Twin Peaks Mine, Lemhi County, Idaho, Contract No. Idm-E895.

The property was inspected on November 20, 1957. There was about a foot of snow on the ground. Mr. Rick Merrick, manager was present. No miners were on the property, and no work was being done in the mine.

Work under the contract since the last inspection on October 2, 1957, consists of a single diamond drill hole (DDH-6) which was drilled near the west face of the No. 2 adit to test the downward extension of a fairly promising ore body (see attached figure and drill log). Although assays have not yet been obtained, the amount of galena indicated by visual examination of the core and sludge was too little to encourage the operator. According to Mr. Merrick the company will abandon operations at the mine for the remainder of the winter.

Enclosures

Distribution:
DMEA (Orig. & 3)
USBM (2)
USBM (AD)
Docket
Alvord

Twin Peaks Mine
Diamond Drill Hole No. 6 (DMEA)

Location: Near west face of No. 2 adit
Bearing: S. 18° W.
Inclination: -70°
Logged by: D. C. Alvord (11/2/57)

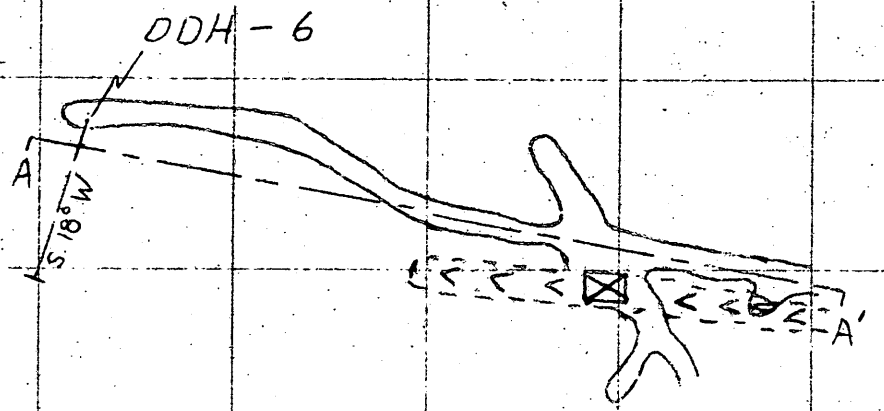
Date collared: 11/6(?)/57
Date bottomed: 11/16/57
Core size: AX
Core recovery:

From (ft.)	To (ft.)	Core recovery (ft.)	Lithology
0.0	41.0	13.6	Gray phyllite, locally quartzitic; sparse tan mud seams; some fracturing and iron staining.
41.0	54.0	7.6	As preceding.
54.0	67.0	5.1	As preceding, only core is notably buttoned and ground.
67.0	73.0	4.5	Gray to grayish-brown phyllite; schistosity cuts core at 45°.
73.0	75.0	2.0	As preceding.
75.0	77.0	1.2	Phyllite strongly fractured; notable limonite.
77.0	81.0	3.4	As preceding, only perhaps more limonite than typical.
81.0	84.0*	2.7	From 81.0-82.1*: Barren brecciated phyllite with abundant limonite and clay, trace of fine pyrite crystals. From 82.1-82.3*: Barren compact gray phyllite. From 82.3-83.2*: Gray phyllite containing quartz stringers, blobs and stringers of galena up to $\frac{1}{16}$" wide, slightly brecciated, estimated 5-6 percent lead. From 83.2-84.0*: Barren gray phyllite, some quartz stringers, sludge not saved.
84.0	87.0*	0.9	Barren phyllite, abundant quartz stringers, malachite staining on fractures, sludge saved.
87.0	90.0*	1.4	Barren gray phyllite, fractured and some limonite staining, sparse malachite staining, sludge saved.
90.0	93.0	0.6	As preceding, only well brecciated, sludge saved.
93.0	96.0	1.0	As preceding, sludge saved.
96.0	99.0	1.4	As preceding, sludge not saved.

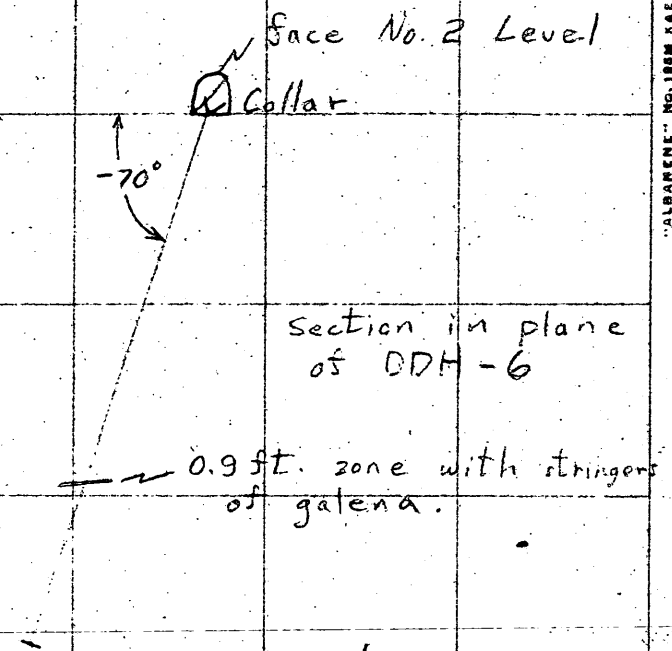
Twin Peaks Mine Diamond Drill Hole No. 6 (DMEA), continued

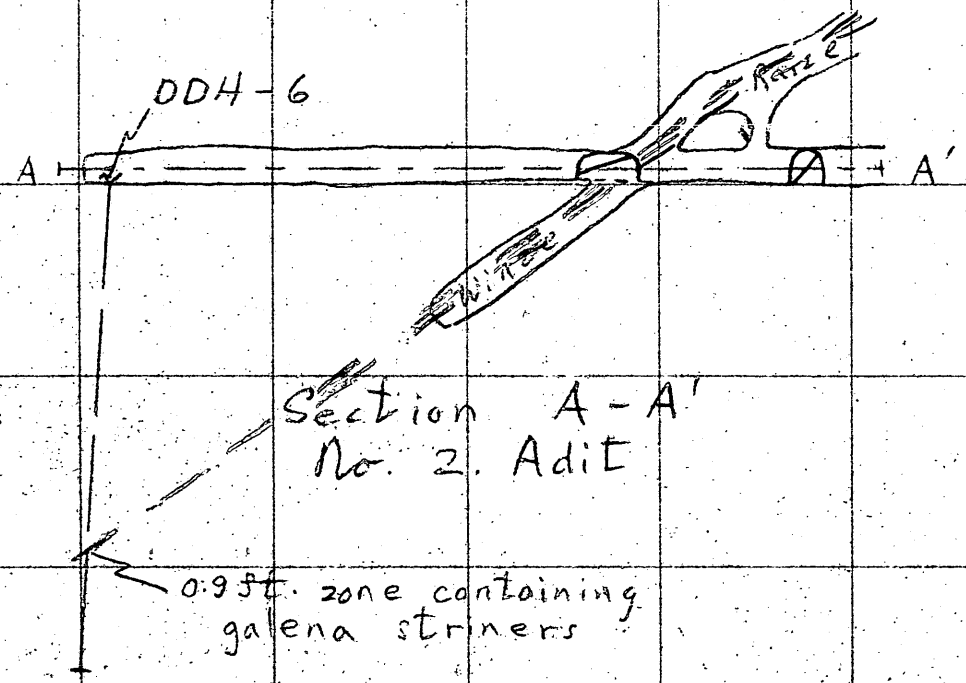
From (ft.)	To (ft.)	Core recovery (ft.)	Lithology
99.0	102.0	1.5	First 2 feet penetrated a gray brown gouge zone, remainder in brecciated phyllite.
102.0	107.0	1.9	Gray phyllite, but little fractured.
107.0	108.0	1.0	Phyllite, slightly fractured, usual amount of limonite as found in typical country rock away from ore.
108.0	111.0	1.6	As preceding.
111.0	117.0 (Bottom)	3.0	As preceding.

*Samples of the core and sludge for the intervals indicated by an asterisk (*) are being obtained and will be assayed.

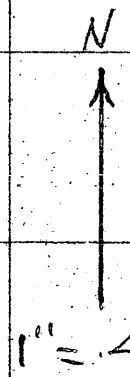


Plan View
No. 2 Adit





Section A-A'
No. 2. Adit



Twin Peaks Mine
Lemhi County, Idaho
Docket No. OMEA-3879
Contract No. Idm-E895
November 1957
DCA

"ALBARENE" No. 180M K&E CO., N.Y. REG. U.S. PAT. OFF.
J. A. Gendron Co., Spokane

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

1201 N. Division St.
Spokane 2, Washington

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DMEA
RECEIVED NOV 29 1957
DATE | INITIALS | CODE
11-29 | | 220

November 20, 1957

MEMORANDUM

To: DMEA Field Team, Region I

From: William M. Romischer, Mining Engineer, Bureau of Mines

Subject: Interim inspection, Docket No. DMEA-3879 (lead-zinc), Idaho Consolidated Mines, Twin Peaks Mine, Lemhi County, Idaho, Contract No. Idm-E895

The property was visited November 1. Mr. Rick Merrick, manager, was present. The previous inspection was made October 2.

The only work done under the DMEA contract since the last inspection is 55 feet of long hole drilling in holes No. 3 and 4. Both holes are collared near the face of the 970 No. 3 adit drift. Hole No. 3 is drilled on a plus 5° slope for 23 feet and bears S. 4° E. Hole No. 4 is drilled on a plus 5° slope for 32 feet and bears N. 5° E. The Operator stated that No. 3 hole had some lead mineralization in the sludge at the interval between 11 and 12 feet and No. 4 hole had good lead-copper mineralization at the interval between 10 and 13 feet and fair lead mineralization between 29 and 31 feet.

The diamond drill site at the west end of No. 2 adit was all prepared for drilling the down hole.

The contract status is:

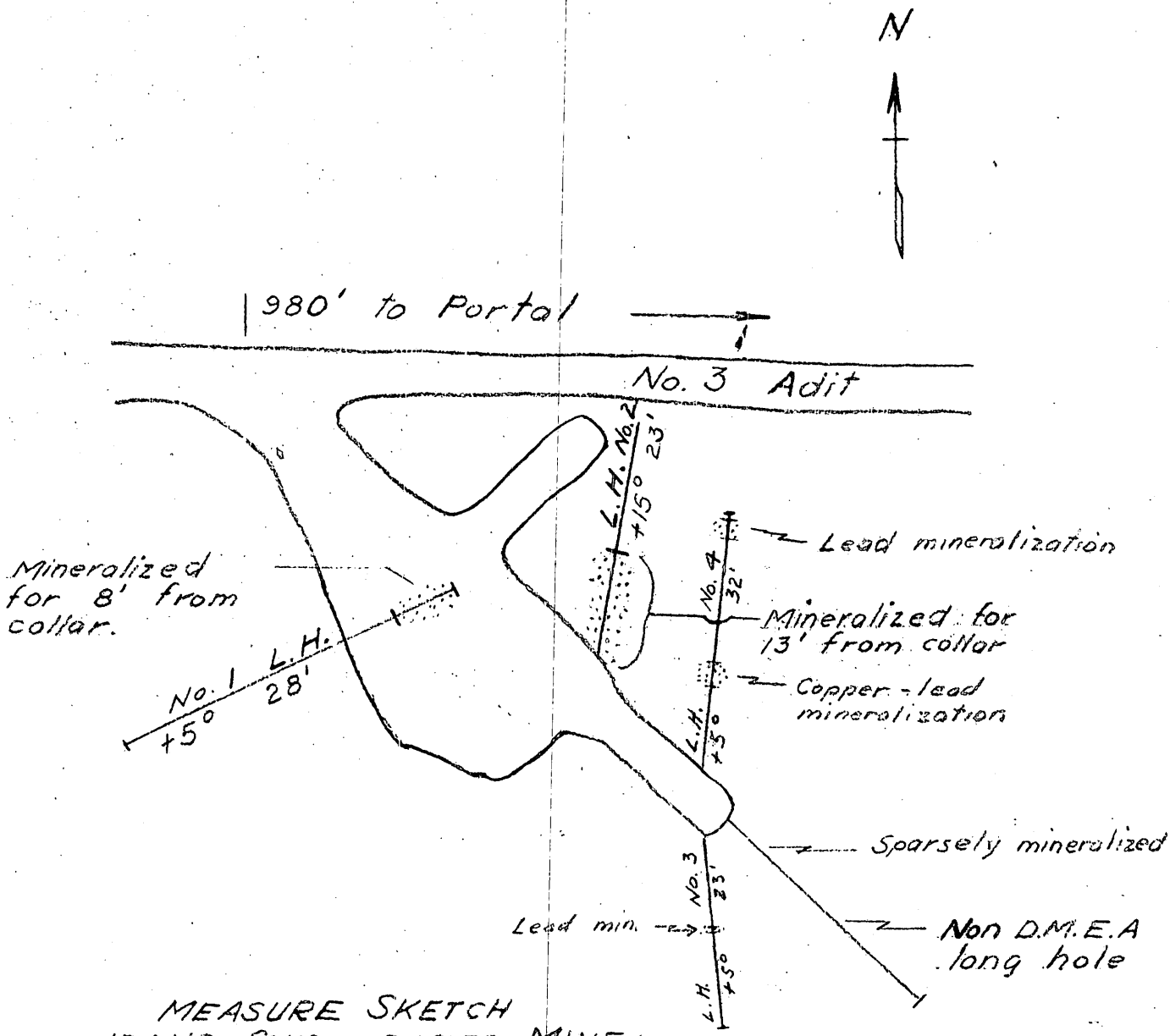
Date of contract: November 10, 1955
Termination date: December 10, 1957
Contract amount: $17,370.00
Amount spent: 5,805.70 (thru August 1956)

	Authorized	Completed	Vouchered thru Oct.'57
Stage I			
Diamond drilling	1200 ft.	1050 ft.	939 ft.
Long hole drilling	500 ft.	406 ft.	300 ft.
Samples	60	17	17

Distribution:
DMEA (4)
USGS (2)
USBM (AD)
Docket
Romischer

William M. Romischer

William M. Romischer



MEASURE SKETCH
IDAHO CONSOLIDATED MINES
TWIN PEAKS MINE
LEMHI COUNTY, IDAHO

Contract No. Idm-E895

Scale: 1" = 20'

11/21/57
W.M.R

OFFICIAL FILE COPY
DMEA
RECEIVED NOV 14 1957

DATE	INITIALS	CODE
11/14	gb	220
14	Cm	100
11/15	jwa	500

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

October 24, 1957

MEMORANDUM

From: Don C. Alvord, Geologist, U. S. Geological Survey

To: DMEA Field Team, Region I

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

The property was inspected on October 2, 1957 in company with W. M. Romischer, Mining Engineer, U. S. Bureau of Mines. Mr. Rick Merrick, mine manager, and two miners were present. Mr. Merrick was working on the road to the property and the two miners were digging up a water line in an effort to find a leak. No DMEA work was being done.

Since the last geologic inspection of July 25, 1957 (Memorandum of 8/28/57), the company drove the 970 drift southeast on course an additional 22 feet to a total of about 75 feet, side-swiped to the south, broke off part of the back, stubbed off to the northeast and drove a raise about 30 feet. According to Mr. Merrick this work yielded about 400 tons of "mill feed" from which were obtained 11,911 dry tons of concentrates containing 0.0125 ounce gold per ton, 8.05 ounces silver per ton, 5.30 percent copper, 8.6 percent lead and no zinc.

The 970 drift area was visited but could not be mapped or sampled because of a heavy concentration of gas. From the appearance of the area, the author concludes that careful sampling and selective mining might have yielded a few dozen tons of ore. Mr. Merrick, however, appears to have confused pyrite with chalcopyrite and consequently mined a greatly diluted product.

Although discouraged, Mr. Merrick had not completely abandoned hope for the 970 area. He believes that the ore may contain nickel and cobalt. To test this belief, I took a composite grab sample of the better looking specimens lying around on the floor of the 970 area. The sample contained 0.51 percent copper, 2.76 percent sulfur, and no nickel or cobalt. For the present the company plans to go back to the 1300 stope area and produce ore

from there. As during the last inspection, Mr. Merrick expressed only half-hearted interest in completing the 150 feet of diamond drilling remaining under Stage I of the contract but stated that he would bring up the topic with the company. This work would consist of drilling a down hole from the west face of the No. 2 adit to test the downward extension of a fairly promising ore body which has been stoped above the No. 2 level and followed down 50 feet by a winze from the No. 2 level. Intersection of promising ore by the proposed hole could lead to mining the deposit from the No. 3 adit level and the work appears to have considerable merit. On the other hand, it now appears that no other presently known target within the mine merits additional Government supported exploration and it is therefore recommended that the contract be terminated provided the company does not agree to drilling the proposed down hole.

D. C. Alvord

Distribution:
DMEA (Orig. & 3)
USBM (2)
USBM (AD)
Docket
Alvord

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

1201 N. Division St.
Spokane 2, Washington

October 16, 1957

RECEIVED NOV 12 1957		
DATE	INITIALS	CODE
11-12	C	220
12	Com	100
11-19	ark	500

MEMORANDUM

To: DMEA Field Team, Region I

From: William M. Romischer, Mining Engineer, Bureau of Mines

Subject: Interim inspection, Docket No. DMEA-3879 (lead-zinc), Idaho Consolidated Mines, Twin Peaks Mine, Lemhi County, Idaho, Contract No. Idm-E895

The property was visited October 2. Mr. Donald C. Alvord, Geologist, U. S. Geological Survey, and Mr. Rick Merrick, manager, were present. The previous inspection was made September 10.

No DMEA contract work has been done since the last inspection and the contract status is the same as reported on September 10.

The company has continued to do work on its own account at the mineralized zone at the 970 No. 3 adit drift and stope. About 400 tons of the mineralized material was treated in the Operator's 100-ton flotation mill where a copper-lead concentrate was made. A head sample and the concentrates were shipped to the Bunker Hill smelter at Kellogg, Idaho. The following table shows the results from the assays:

	Lead %	Silver oz.	Zinc %	Copper %	Iron %	Mang. %	Insol. %	Gold oz.
Stope 970 Heads	0.2	0.2		0.13	7.9		67.22	trace
Concentrates	8.8	6.0		1.2	37.5		5.89	trace

The results from the above test revealed the mineralized material to be of too low grade to be mined. Mr. Merrick reported that new work would be in a different part of the mine.

Distribution:
DMEA (4)
USGS (2)
USBM (AD)
Docket
Romischer

William M. Romischer

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

1201 N. Division St.
Spokane 2, Washington

September 26, 1957

OFFICIAL FILE COPY DMEA RECEIVED OCT 7 1957		
DATE	INITIALS	CODE
10/7	B	220
7	Corr	100
10/8	WE	500

10/14

MEMORANDUM

To: DMEA Field Team, Region I

From: William M. Romischer, Mining Engineer, Bureau of Mines

Subject: Interim inspection, Docket No. DMEA-3879 (lead-zinc) Idaho Consolidated Mines, Twin Peaks Mine, Lemhi County, Idaho, Contract No. Idm-E895

The property was visited September 10. Mr. E. G. Wilson, president, and Mr. Rick Merrick, manager, were present.

DMEA contract work completed by the Operator since the last inspection on July 31, 1957, is 51 feet of long hole drilling which is comprised of two holes. These two holes were drilled from the southeast trending drift collared 970 feet west of the No. 3 adit portal. One hole is drilled on a plus 5° slope for 28 feet and bears S. 65° W. The second hole is drilled for 23 feet on a plus 15° slope and bears N. 10° E. The first and second holes penetrated mineralized material from the collar for 8 and 13 feet, respectively.

Since the last inspection the Operator completed, on his own account, some drifting, crosscutting, and sideswiping on this mineralized zone at the No. 3 adit sill horizon. Also, a non-DMEA long hole was drilled at the face of the 970 No. 3 adit drift for 33 feet on a plus 6° slope and bearing of S. 56° E. The hole penetrated very sparse mineralization.

The contract status is:

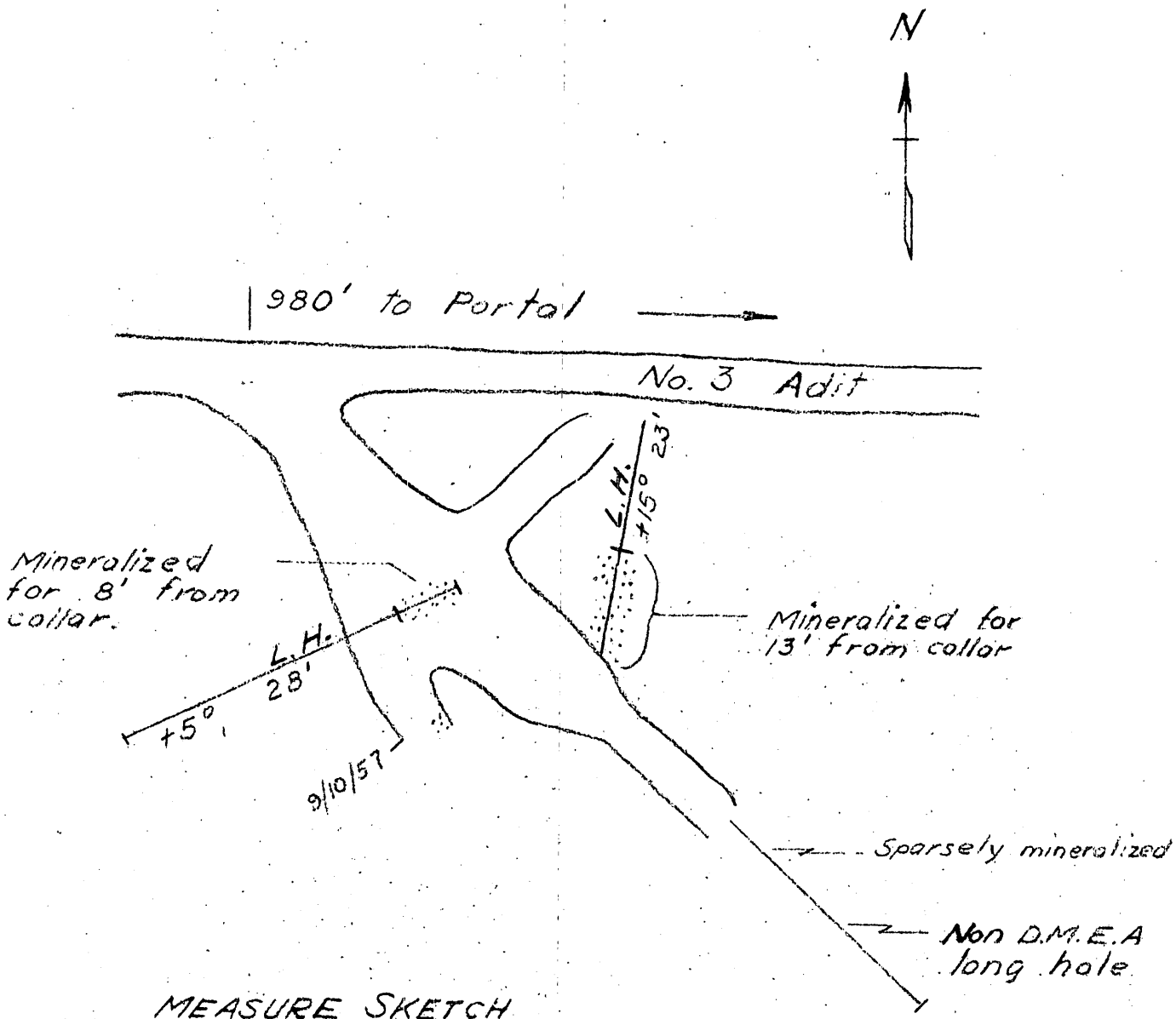
Contract date: November 10, 1955
Termination date: December 10, 1957
Contract amount: $17,370.00
Amount spent: 5,805.70 (thru August 1956)

	Authorized	Completed
Stage I		
Diamond drilling	1,200 ft.	1,050 ft.
Long hole drilling	500 ft.	351 ft.
Samples	60	17
Stage II		
Not started		

William M. Romischer

William M. Romischer

Distribution:
DMEA (4) USBM (AD)
USGS (2) Docket
Romischer



MEASURE SKETCH
IDAHO CONSOLIDATED MINES
TWIN PEAKS MINE
LEMHI COUNTY, IDAHO

Contract No. Idm-E895

Scale: 1" = 20'

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

August 28, 1957

9-17 9/19 9/18 Fwa 220 500

MEMORANDUM

To: DMEA Field Team, Region I

From : Donald C. Alvord, Geologist, U. S. Geological Survey

Subject: Interim Inspection Report, Docket No. DMEA-3879 (lead-zinc), Idaho Consolidated Mines, Inc., Twin Peaks Mine, Lemhi County, Idaho, Contract No. Idm-E895

The property was examined on July 25, 1957 in company with Mr. Sui Ju Kung, Mining Engineer, Taiwan, Nationalist China. Mr. Rick Merrick, Mine Manager, and two miners were present. No work under the contract was being performed. The company was driving the 970 drift southeast to explore a chalcopyrite bearing zone and to search for an "east-west" bearing structure believed by Mr. Merrick to be favorable for ore. The geology of this drift was mapped and has been plotted on the composite map of the mine workings. This drift, located 1,028 feet from the portal of the No. 3 adit level, was started at a point where a small raise had been driven on a nearly barren southwest trending structure. The drift had been advanced 55 feet through beds of dark green-gray very fine-grained schist and argillite that are cut by a 10-foot wide zone of shearing and faulting that strikes N. 35° W. and dips 45° E. Within the zone the shears and fault strands are generally less than an inch up to an inch or two wide but locally the strands widen to as much as 3 feet. Quartz stringers and lenses are scattered through the zone and locally the rock is strongly silicified. Sparsely disseminated pyrite, chalcopyrite, and galena are present throughout the zone, particularly along what may be the main footwall strand. Lenses and stringers of galena up to 2 inches wide by 1 foot long were seen on the northeast wall near the face of the drift but nowhere did the rock appear to be ore grade in minable volumes. Assays of two samples cut from the footwall portion of the zone were as follows:

Sample number	Width (ft.)	Au oz./ton	Ag oz./ton	Pb %	Cu %
S201C	3.0	Tr.	0.2	Tr.	0.08
S202C	1.2	Tr.	1.0	0.8	1.04

The drift has been driven on a bearing of S. 45° E. and as the shear zone bears S. 35° E., the footwall of the zone leaves the northeast wall of the drift about 20 feet back from the face and crosses the drift towards the southwest wall and should be lost in the southwest wall in one round or less unless the Operator turns the heading westward.

If, as Mr. Merrick infers, there is a favorable "east-west" trending structure south of the 970 drift southeast heading, then the work would appear to have some merit based on the possibility that the ore might improve at or near the junction of the "east-westerly" structure with the zone being followed to the southeast. Mr. Merrick's evidence for the "east-west" structure appears to be the presence of a nearly vertical east striking essentially barren fault which he showed to us at the vicinity of the 1300 stope, about 300 feet west of the 970 drift southeast. Mr. Merrick believes this structure to have been responsible for the deposition of the ore ~~being~~ mined in the 1300 stope, and he hopes to find a similar condition of ore deposition with the 970 drift.

Mr. Merrick appeared only reluctantly interested in completing the 150 feet of diamond drilling remaining under Stage I of the contract with a down hole from the west face of the No. 2 adit but indicated that it would probably be drilled later on in the summer.

Donald C. Alvord

Distribution:
DMEA (Orig. & 3)
USBM (2)
USBM (AD)
Docket
Alvord

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

1201 N. Division St.
Spokane 2, Washington

August 12, 1957

OFFICIAL FILE COPY
D M E A
RECEIVED AUG 26 1957

DATE	INITIALS	CODE
8/26		
8/27		500

MEMORANDUM

To: DMEA Field Team, Region I

From: William M. Romischer, Mining Engineer, ~~Bureau of Mines~~

Subject: Interim inspection, Docket No. DMEA-3879 (lead-zinc), Idaho Consolidated Mines, Twin Peaks Mine, Lemhi County, Idaho, Contract No. Idm-E895

The property was visited August 31. Mr. Rick Merrick, manager, was present.

No DMEA contract work has been done since the last visit to this property on July 9. The contract status is the same as reported on May 21, 1957.

The company has continued to do work on its own program. A drift collared 970 feet west of the No. 3 adit portal has been advanced 70 feet on a bearing of S. 51° E. This drift has been in mineralized material for its entire length with copper mineralization predominating from where the drift was collared to about 12 feet of the present face; from here lead sulphide is the predominant mineral. All of this material, except 5 cars (10 tons), was used as mill feed.

The mill was operated 32 hours. A copper-lead concentrate was produced. Assay returns for the mill feed, concentrates, and tails will be received in the near future.

William M. Romischer

William M. Romischer

Distribution:
DMEA (4)
USGS (2)
USBM (AD)
Docket
Romischer

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
1201 N. Division St.
Spokane 2, Washington

July 31, 1957

OFFICIAL FILE COPY
DMEA
RECEIVED AUG 1957

DATE		CODE
14	Com	100
1/21	Jwa	500

MEMORANDUM

To: DMEA Field Team, Region I

From: William M. Romischer, Mining Engineer, Bureau of Mines

Subject: Interim inspection, Docket No. DMEA-3879 (lead-zinc), Idaho Consolidated Mines, Twin Peaks Mine, Lemhi County, Idaho Contract No. Idm-E895

The property was visited July 9. Mr. Rick Merrick, manager, was present.

No DMEA contract work has been done since the last visit to this mine on June 5. The contract status is the same as reported on May 21, 1957.

Mr. Merrick said their damaged battery locomotive is now repaired; they expect to operate their 100-ton flotation mill in the immediate future on ore from 970 station drift, No. 3 adit.

Two men are employed at this mine; another man is planned to be added to the payroll soon.

William M. Romischer

Distribution:
DMEA (4)
USGS (2)
USBM (AD)
Docket
Romischer

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
1201 N. Division St.
Spokane 2, Washington

OFFICIAL FILE COPY
DMEA
RECEIVED JUL 8 1957

DATE	INITIALS	CODE
7 8	C	220
9	Corr	100
11	alt	500

June 18, 1957

MEMORANDUM

To: DMEA Field Team, Region I, Northwest District

From: D. D. Walker, Mining Engineer, Bureau of Mines

Subject: Interim inspection, Docket No. DMEA-3879 (lead - zinc), Idaho Consolidated Mines, Twin Peaks Mine, Lemhi County, Idaho, Contract No. Idm-E895

The property was visited June 5. Mr. W. M. Romischer, mining engineer, Bureau of Mines, accompanied the writer. Mr. Rick Merrick, manager, and Mr. Jack MacLean, superintendent, were present.

There have been no operations of any kind at the Twin Peaks mine since the last reporting period. Mr. Merrick was informed that contract work should have started on or before June 1, and was asked to remind Mr. E. G. Wilson, company president, of that fact.

Contract status is the same as reported on May 21, 1957.

D. D. Walker

D. D. Walker

Distribution:
DMEA (4)
USGS (2)
USBM (AD)
Docket
Walker

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

1201 N. Division St.
Spokane 2, Washington

May 21, 1957

OFFICIAL FILE COPY
DMEA
RECEIVED JUN 3 1957

DATE	INITIALS	CODE
6/3	C	220
4	Com	100
6/14	Alt.	STU.

MEMORANDUM

To: DMEA Field Team, Region I, Northwest District

From: D. D. Walker, Mining Engineer, Bureau of Mines

Subject: Interim inspection, Docket No. DMEA-3879 (lead - zinc), Idaho Consolidated Mines, Twin Peaks Mine, Lemhi County, Idaho, Contract No. Idm-E895.

The property was visited May 8. Mr. E. G. Wilson, company president, and Mr. Rick Merrick, manager, were present.

Mining operations consisted solely of driving a 20-foot crosscut along the long steel drill hole on the No. 2 level. No ore was encountered.

The mill was idle this period due to lack of ore and a shortage of reagents. Mr. Wilson stated that a shipment of concentrates had been made. He was informed that 5% royalty would be due the Government, and agreed to wire instructions to that effect to the smelter. He also said he would ask the smelter to forward copies of the settlement sheets to the field team.

Diamond drill hole No. 5 was also discussed. This hole was approved by the field team representative for drilling. (See Memorandum of H. B. Nickelson, USGS, for September 13, 1956, and Memorandum of D. D. Walker, USBM, for September 26, 1956) Reimbursement for the 111 feet drilled in this hole was never requested. However, Mr. Wilson stated this would be done.

The contract status is:

Contract date: November 10, 1955
Termination date: November 10, 1957
Contract amount: $17,370.00
Amount spent: 4,013.50 (thru May, 1956)

		Authorized	Completed
Stage I			
	Diamond drilling	1,200 ft.	1,050 ft. (corrected from 1,054)
	Long hole drilling	500 ft.	300 ft.
	Sampling	60 each	17 each
Stage II			
	Not started		

D. D. Walker

D. D. Walker

Distribution:
DMEA (4) ✓
USGS (2)
USBM (AD)
Docket
Walker

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

1201 N. Division St.
Spokane 2, Washington

April 16, 1957

OFFICIAL FILE COPY
DMEA
RECEIVED MAY 6 1957

DATE	INITIALS	CODE
5/7	CORW	100
5/9	ab	500

MEMORANDUM

To: DMEA Field Team, Region I, Northwest District

From: D. D. Walker, Mining Engineer, Bureau of Mines

Subject: Interim inspection, Docket No. DMEA-3879 (lead-zinc) Idaho Consolidated Mines, Twin Peaks Mine, Lemhi County, Idaho, Contract No. Idm-E895

Mining on the 1300 drift (3 level) was stopped March 31 and will be resumed when a new motor can be obtained. The ore body on the No. 2 level is now being mined.

The mill is operating and concentrate shipments will begin as soon as the mine road is passable. The steel bridge across the Salmon River is complete and open to traffic.

The status of the contract is the same as reported on January 14, 1957.

D. D. Walker

Distribution:
DMEA (4)
USGS (2)
USBM (AD)
Docket
Walker

ACTION ON INTERIM
OR FINAL FIELD TR REPORT
Date 3/7

Referred to:

1. ~~Mr. Witterdorf~~
2. ~~Mr. Johnson~~
3. ~~Mr. Chambers~~
4. ~~Docket~~ Control Mails and Files
5. ~~Division~~
6. Docket Control Mails and Files
7. 500

Note comments in report regarding:

1.

2.

3.

4.

and take appropriate action.

- - - - - - - -

Action taken by Division

Robert E. Adams

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

1201 N. Division St.
Spokane 2, Washington

February 15, 1957

OFFICIAL FILE COPY
DMEA
RECEIVED 7 1957
DATE MINERALS CODE
3-7 Com 220 100

MEMORANDUM

To: DMEA Field Team, Region I, Northwest District

From: D. D. Walker, Mining Engineer, Bureau of Mines

Subject: Interim inspection, Docket No. DMEA-3879 (lead-zinc), Idaho Consolidated Mines, Twin Peaks Mine, Lemhi County, Idaho, Contract No. Idm-E895

Because of bad weather and impassable roads the property was not visited on this trip. Mr. R. Merrick, the manager, was contacted in Salmon, Idaho, and the following information obtained from him.

A new ore body on the east side of the 1300 drift has been opened. It is near the 80-ft. raise which is located 100 feet south of the junction of 1300 drift and the main adit. Malachite, azurite, chalcopyrite, bornite, cerrusite, and galena are the principal minerals found in this showing.

About 40 tons of concentrates have been stockpiled. Shipping will not be possible until the steel bridge is erected over the Salmon River. The concrete piers are finished and the steel has arrived. Construction is expected to start in the near future.

The status of the contract is the same as reported on January 14, 1957.

D. D. Walker
D. D. Walker

Distribution:
DMEA (4)
USGS (2)
USBM (AD)
Docket
Walker

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

1201 N. Division St.
Spokane 2, Washington
January 14, 1957

OFFICIAL FILE COPY
DMEA
RECEIVED FEB 7 1957

DATE	INITIALS	CODE
2/8	[illegible]	100
2/11	C	220

MEMORANDUM

To: DMEA Field Team, Region I, Northwest District

From: D. D. Walker, Mining Engineer, Bureau of Mines

Subject: Interim inspection, Docket No. DMEA-3879 (lead-zinc), Idaho Consolidated Mines, Twin Peaks Mine, Lemhi County, Idaho, Contract No. Idm-E895

The Twin Peaks mine was visited January 9. Mr. Rick Merrick, manager, was present. No further work has been done under the DMEA contract.

The mill is operating on ore from the raise. Most of the mechanical problems have been ironed out, but weather conditions are somewhat hampering both milling and mining operations. Actually, milling operations are limited to pilot testing and production so far is insignificant. No shipments have been made, and none are anticipated until summer because of the condition of the mine road.

The second fault has not been encountered as yet in the drift which has advanced only a few feet since the last reporting period.

The status of the contract is:

Date of contract: November 10, 1955
Termination date: November 1, 1956
Contract amount: $17,370.00
Amount spent: 5,805.70 (thru August 1956)

	Authorized	Completed
Stage I		
Diamond drilling	1200 ft.	1054 ft.
Long hole drilling	500 "	300 "
Sampling	60	17
Stage II		
Not started		

D. D. Walker

Distribution:
DMEA (4)
USGS (2)
USBM (AD)
Docket
Walker

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.
1201 N. Division St.
Spokane 2, Washington
December 20, 1956

RECEIVED DEC 31 1956 D.M.E.A.

MEMORANDUM

To: DMEA Field Team, Region I, Northwest District

From: D. D. Walker, Mining Engineer, Bureau of Mines

Subject: Interim inspection, Docket No. DMEA-3879 (lead-zinc), Idaho Consolidated Mines, Twin Peaks Mine, Lemhi County, Idaho, Contract No. Idm-E895

The Twin Peaks mine was visited December 7. Mr. Rick Merrick, manager, was present. No further work has been done under the DMEA contract.

Operations on the No. 2 level have been suspended for the winter. On the No. 3 level the 1300 drift is being advanced and has passed through one of two anticipated faults. The Operators are confident of finding ore beyond the second fault. A raise has been advanced 30 feet in the ore body encountered just off the 1300 drift. The ore is put through the mill, which is now operating successfully. Some mechanical troubles have been occurring in the mill operation, but the Operators hope to have them ironed out shortly.

The status of the contract is:

Date of contract: November 10, 1955
Termination date: November 1, 1956
Contract amount: $17,370.00
Amount spent: 5,805.70 (thru Aug. 1956)

	Authorized	Completed
Stage I		
Diamond drilling	1200 ft.	1054 ft.
Long hole drilling	500 ft.	300 ft.
Sampling	60	17

Stage II - Not started

D. D. Walker

Distribution:
DMEA (4)
USGS (2)
USBM (AD)
Docket
Walker

ACTION ON INTERI 3819
OR FINAL FIELD TEAM RE ORT
Date 12/3

Referred to:

1. ~~Mr. Mittendorf~~
2. ~~Mr. Johnson~~
3. ~~Mr. Chambers~~
4. ~~Docket Control Mails and Files~~
5. Base Owner Division
6. ~~Docket Control Mails and Files~~

Note comments in report regarding:

1. Note termination date

2.

3.

4.

and take appropriate action.

- - - - - - - -

Action taken by Division:

12/6/56 - An Amendment is being prepared by Legal to allow a reasonable extension of completion time.

Robert E. Adams

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
1201 N. Division St.
Spokane 2, Washington
November 23, 1956

RECEIVED DEC 3 1956 D.M.E.A.

MEMORANDUM

To: DMEA Field Team, Region I, Northwest District

From: D. D. Walker, Mining Engineer, Bureau of Mines

Subject: Interim inspection, Docket No. DMEA-3879 (lead-zinc), Idaho Consolidated Mines, Twin Peaks Mine, Lemhi County, Idaho, Contract No. Idm-E895

The Twin Peaks mine was visited November 9. Mr. Ed Wilson, president, Mr. Rick Merrick, Manager, and Mr. Jack McLean, Mine Superintendent, were present. Mr. McLean and Mr. Merrick showed me through the mine workings.

No further work has been done under the DMEA contract; however, the drill crew and rig have returned to Salmon from their other program and are ready to move back into the Twin Peaks mine.

Drifting on company account has disclosed two ore bodies. One is in the main adit of the No. 2 level about 400 feet from the portal. It is about 16 feet wide and its length is not yet known. No assays have been made as yet on this deposit. The second is on the No. 3 level in the area below the old 1300 stope. It is 20 feet wide and about 40 feet long. Assays average 6% Pb, 3% Cu, and 6 oz. Ag.

The mill is now operating but no shipments have been made to date.

A steel bridge is being constructed across the Salmon River at Rattlesnake Creek.

The status of the contract is:

Contract date: November 10, 1955
Termination date: November 1, 1956

Contract amount: $17,370.00
Amount spent: 5,805.70 (thru Aug. '56)

	Authorized	Completed
Stage I		
Diamond drilling	1,200 ft.	1,054 ft.
Long hole drilling	500 ft.	300 ft.
Sampling	60	17
Stage II		
Not started		

D. D. Walker

Distribution:
DMEA (4)
USGS (2)
USBM (AD)
Docket
Walker

Form MF-104 (Rev.)
(April 1952)

RECEIVED
FEB 19 1958
D.M.E.A.

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of August - Sept., 1958 Docket No. DMEA 3879 Contract No. 895
Operator's Name Idaho Consolidated Mines, Inc Minerals Lead Zinc
Address 4109 Arcade Bldg Seattle 1, Wash
Contract Amount, $ 17,370.00 Government Participation: 50 % Amount, $ 8,685.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:	643.80			8/8/58		
Drilling	~~321.90~~	4,919.10	5,241.00	643.80	5446.20	6090.00
Bulldozing						
Crosscutting						
Drifting						
Long Hole Drilling					200.00	200.00
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis					59.50	59.50
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
	643.80					
TOTALS	~~321.90~~	4,919.10	5,241.00	643.80	5805.70	6449.50

I certify that the above bill is correct and just and that payment therefor has not been received.

Date 8-22-57 *Payee Idaho Consolidated Mines, Inc

Per Edmund G. Wilder Title President

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—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.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 321.90

Signature Dorothy F. Long
(Authorized Certifying Officer)

Date 7/13/58 Vou. No. 2120

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E 895 in accordance with the terms of the contract.

Signature /s/ David A. Walker Title Mining Engr. Date 5/24/57

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ A. E. Weissenborn Title Exec. Officer Date Feb. 13, 1958

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of August-Sept 6 195 Docket No. DMEA 3879 Contract No. Idm E-895
Operator's Name Idaho Consolidated Mines, Inc Minerals Lead-Zinc
Address 4109 Arcade Bldg Seattle 1, Wash.

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes				6090.00	1050			
Drilling: Core		643.80	111	~~6459.00~~	~~1337~~	5.80	1200	5.80/ft.
Churn Long Hole				300.00	300	1.00	500	1.00/ft.
Auger Assays				59.50	17	3.50	60	3.50 ea.
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		643.80	111	6449.50 ~~6459.00~~				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
				6449.50				
Total Costs		643.80	111	~~6459.00~~				

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date 5-22-57 Operator Idaho Consolidated Mines Inc

Per Edmund H. Wilson Title President

NOTE.—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.

Remarks:

(Instructions on reverse)

(For Government use only)

/s/ Jared A. Walker
Mining Engineer
5/24/57

INSTRUCTIONS

Preparation of Form MF–104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF–104A has been designed to tie in with Form MF–104 for both monthly and cumulative costs. The "Total Costs" on Form MF–104A for each month should equal the monthly "Total Costs" as reported on Form MF–104. This is also true of the "Total Costs To Date".

In preparing Form MF–104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

MINES: SALMON, IDAHO

IDAHO CONSOLIDATED MINES, INC.

4109 ARCADE BUILDING • SENECA 8356
SEATTLE 1, WASHINGTON

May 22, 1957

Mrs Myrtle Purdy, Certifying Officer
Defense Minerals Exploration Adm.
1201 North Division St
Spokane, Wash.

Dear Mrs Purdy:

The enclosed forms MF 104 and MF-104A are herewith submitted and are in reference to core drill hole No.5 which we had not known had been approved for payment and therefore due to this misunderstanding we had not hereto fore sent to you.

Since we last reported to you considerable work by drifiteng and raising has been done on No.3 level as well as small amount of drifting on No. 2 level.

The work done on No. 2 level was in lieu of a long hole drill and consisted of 20 feet of drift as the long hole drill washed in such a way as to indicate a much larger mineral body than actually showed with the drift.

The information in the preceding two paragraphs is only for your information and is not meant to be a part of this contract.

Yours very truly
Idaho Consolidated Mines, Inc.

BY: Edmund G. Wilson

Edmund G. Wilson

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

1201 N. Division St.
Spokane 2, Washington
September 26, 1956

RECEIVED
OCT - 3 1956

MEMORANDUM

To: DMEA Field Team, Region I, Northwest District

From: D. D. Walker, Mining Engineer, Bureau of Mines

Subject: Interim inspection, Docket No. DMEA-3879 (lead-zinc), Idaho Consolidated Mines, Twin Peaks Mine, Lemhi County, Idaho, Contract No. Idm-E895

The Twin Peaks mine was visited September 11. The mine foreman was present.

DMEA work completed during the reporting period consisted of one 107-ft. diamond drill hole (No. 5), drilled at an angle of $+20\frac{1}{2}^{\circ}$. This hole is located 10 feet from the face of the 1300 crosscut. Its location was approved by H. B. Nickelson, Geologist, USGS. The hole disclosed no mineralization.

Diamond drill hole No. 4 was drilled at the face of No. 3 adit at company expense. It is 210 feet long and is on an angle of $+18\frac{1}{2}^{\circ}$. No mineralization was disclosed.

Hole No. 6, drilled at company expense, is 70 feet long, at an angle of $+19\frac{1}{2}^{\circ}$. It is 60 feet from the face of the 1300 drift and is barren also.

A review of the footages of the drill holes shows an error in the total length reported in my memorandum of August 13. The correct footages are:

Hole No. 1	317 ft.
2	313 "
3	317 "
	947 ft.

This will be corrected in the tabulation given below for work units completed.

No further long hole drilling has been done. The diamond drill crew has left to complete another drill program and will return to the Twin Peaks mine later in the year.

The company in conjunction with the county is repairing the bridge over the Salmon River. Traffic over it should be resumed before October 1, 1956.

Project work units completed to date are:

Contract date: November 10, 1955
Termination date: November 1, 1956
Contact amount: $17,370.00
Amount spent: 4,013.50 (thru May 1956)

		Authorized	Completed
Stage I			
	Diamond drilling	1,200 feet	1,054 feet
	Long hole drilling	500 "	300 "
	Sampling	60 "	17 "
Stage II			
	Not started		

D. D. Walker

D. D. Walker

Distribution:
DMEA (4)
USGS (2)
USBM (AD)
Docket
Walker

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OCT - 3 1956

Idaho Consolidated Mines, Inc. (Twin Peaks)
Contract Idm-E895

Diamond Drill Hole No. 3

Date	Distance	Size
5/21/56	0-5	BX
5/21/56	5-54	AX
5/22/56	54-86	AX
5/23/56	86-101	AX
6/25/56	101-120	AX
6/26/56	120-148	AX
6/27/56	148-165	AX
6/28/56	165-194	AX
6/29/56	194-216	AX
6/30/56	216-236	AX
7/2/56	236-249	AX
7/3/56	249-266	AX
7/4/56	266-285	AX
7/5/56	285-301	AX
7/6/56	301-309	AX
7/7/56	309-315	AX

End of Hole

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OCT - 8 1956

Idaho Consolidated Mines, Inc. (Twin Peaks)

Contract Idm-E895

Diamond Drill Hole No. 4

Date	Distance	Size
7/14/56	0-5	Bx
7/14/56	5-28	Ax
7/16/56	28-38	Ax
7/17/56	38-66	Ax
7/20/56	66-90	Ax
7/21/56	90-106	Ax
7/23/56	106-117	Ax-Ex (no breakdown given)
7/24/56	117-129	Ex
7/26/56	129-149	Ex
7/27/56	149/177	Ex
7/30/56	177-201	Ex

End of Hole

Diamond Drill Hole No. 5

Date	Distance	Size
8/17/56	0-36	Bx-Ax (no breakdown given)
8/18/56	36-78	Ax
8/20/56	78-111	Ax

End of Hole

Diamond Drill Hole No. 6

Date	Distance	Size
8/21/56	0-32	Bx-Ax (no breakdown given)
8/22/56	32-59	Ax
8/23/56	59-70	Ax

End of Hole

These have been held for receipt of drill logs. They have not come in yet and the engineer is making another inspection now. He will do something about getting them in. When received they will be sent to you.

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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OCT 30 1956

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of [illegible], 195[illegible] Docket No. DMEA [illegible] Contract No. [illegible]
Operator's Name [illegible] Minerals [illegible]
Address [illegible]
Contract Amount, $ [illegible] Government Participation: [illegible] % Amount, $ [illegible]

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:	1,792.20	[illegible]	[illegible]	11/2/56 W.P.K.		11/2/56 J.W.L.
Drilling				1792.20	3654.00	5446.20
Bulldozing						
Crosscutting						
Drifting						
Long hole drilling					300.00	300.00
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis					59.50	59.50
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
	1792.20					
TOTALS	[illegible]	[illegible]	[illegible]	1792.20	4013.50	5805.70

I certify that the above bill is correct and just and that payment therefor has not been received.

Date ..... *Payee .....

Per Edmund G. Weber Title .....

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—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.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 896.10

Signature M. [illegible]
(Authorized Certifying Officer)

Date 10-2-56 Vou. No. 1881
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E895 in accordance with the terms of the contract.

Signature /S/ David D Walker Title Mining Engr Date 10/1/56

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ Wing G Agnew Title Acting Exec. Date 10/2/56

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
OCT 30 1956

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of June, July, Aug. 1956 Docket No. DMEA 379 Contract No. [illegible]
Operator's Name Idaho Consolidated Mines, Inc. Minerals Lead-Zinc
Address 410 Arcade Bldg., Seattle 1 Wash.

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes		1,792.20		5,815.20	939			
Drilling: Core		[illegible]	309	[illegible]	[illegible]	5.80	1200	5.80/ft
Churn long hole		as previously shown						
Auger always		as "		"				
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		1,792.20	309	5,815.20				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		1,792.20	309	5,815.20				

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Remarks:

Date 9-30-56 Operator Idaho Consolidated Mines, Inc.

Per Edmund G Walker Title President

NOTE.—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.

(Instructions on reverse)

(For Government use only)

151 David D Walker
Mining Engineer

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

MINES: SALMON, IDAHO

IDAHO CONSOLIDATED MINES, INC.
4109 ARCADE BUILDING • SENECA 8356
SEATTLE 1, WASHINGTON

RECEIVED
OCT 30 1956

September 26, 1956

Mrs Myrtle Purdy, Certifying Officer
U.S. Geological Survey
1201 North Division
Spokane, Wash.

Dear Mrs Purdy:

Enclosed is the report of the work for the months of August. I hope you will accept this letter as a "narrative report".

We did some core drilling on our own that was not included in the contract and these holes have been designated as "Holes No. 4,5 & 6. Hole number three, is part of the contract. I have included, since I expect that you like to get all the data possible, the logs on our holes 4,5 & 6. You may keep them as we have our own carbon copy.

The project has been something of a mess on this report as we lost the bridge over the Salmon River in early June. The core driller stuck his drill at 309 feet on hole No. 3 in a fault and had considerable difficulty in getting it out finally recovering all but 65 feet including the drill head. He was very unhappy, so were we. No four hole we think is interesting. It flows a considerable stream of water, steadily. No 5 & 6 holes were not of too much interest. As a result of these difficulties the cost of drilling was considerably more than we had anticipated. Also the necessity of negotiating the river via of row boat added to the problem of contentment as the miners and core driller are definitely not marine minded.

// 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 31st 1956. After that date I expect to be in Spokane and will call upon you people. If you should find it necessary to communicate with me before that date please send the mail to; "Box 615, Salmon Idaho, and I will get it before returning. Should the enclosed form not be in order I will correct them them as I have no extra copies here.

Yours very truly

Edmund G Wilson

Edmund G. Wilson

ACTION ON INTERI
OR FINAL FIELD TEAM REPORT
Date 9-21

Referred to:

1. ~~Mr. Mittendorf~~
2. ~~Mr. Johnson~~
3. ~~Mr. Chambers~~
4. ~~Docket Control Mails and Files~~
5. ~~[illegible]~~ Division all
6. Docket Control Mails and Files

Note comments in report regarding:

1. Amount Required

2.

3.

4.

and take appropriate action.

- - - - - - - -

Action taken by Division:

W/D award recommendation of Executive Officer of Region I, N.W. District.

Robert E. Adams

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

RECEIVED
SEP 21 1956

September 13, 1956

MEMORANDUM

To: DMEA Field Team, Region I, Northwest District

From: Howard B. Nickelson, Geologist, U. S. Geological Survey

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

The property was visited August 28 and 29, 1956. Mr. E. G. Wilson was at the property. During the period between the completion of hole DMEA No. 3 and this inspection, the company drilled three holes: hole No. 4, No. 5, and No. 6, as shown on the enclosed map. These holes were all barren. The location of hole 5 had been discussed and agreed on previously and should be included in the DMEA drilling. Holes 4 and 6 were drilled on company account without DMEA participation.

Mr. R. V. Campbell, drill contractor, contacted me at Salmon on the evening of August 27, pointing out that it was necessary for Mr. Wilson and the DMEA to arrive at a decision on the location of the remaining diamond drilling, as Mr. Campbell was anxious to finish this job in order to start and complete the DMEA drilling at the Highland-Surprise property in Custer County (Contract No. Idm-E819) before the fall storms begin.

In a letter to Mr. Wilson, dated August 15, the Field Team Suggested two diamond drill holes which would complete the diamond drilling authorized by the contract. The first of these two holes, located near the face of the No. 3 adit, would determine if the ore below the stopes improved with depth. The second hole, located near the end of the No. 2 adit would test the downward continuation of ore in the winze. Drilling up-holes from the No. 3 level has failed to establish this conclusively one way or the other but inasmuch as the Operator is now rehabilitating the No. 2 level at his own expense and installing air and water lines, drilling from the No. 2 level is now feasible and will test the continuation of the ore in the winze with less expense to the Government than could be done by drifting additional hauls from the No. 3 level.

On reviewing the matter in the field it was decided that drilling the second hole - the one from the end of the No. 2 adit - would make the most effective use of the remaining drilling footage.

It was decided to recess the project while the necessary amendment was being considered. This would allow the drill contractor to complete the Highland-Surprise drilling at the Deer Trail property while the weather holds. He will then return to the Twin Peaks mine to complete the drilling there, all of which will be underground. On inspecting the log of the No. 5 hole, it is apparent that it would be desirable to deepen this hole 30 or 40 feet. This, with the footage in the proposed No. 2 hole, will about use up all of the available diamond drill footage.

The company has completed 300 feet of the authorized 500 feet of long-hole drilling and Mr. Wilson stated that they would like to use this footage to test the walls in the drift off the No. 2 adit crosscut. It is recommended that the contract be amended to permit the long-hole drilling on the No. 2 level. Because no logical location for additional long holes exists on the No. 3 level and because the location, continuity, and grade of the ore zone can be tested from the walls of the drift on a No. 2 level, the proposed diamond drill hole No. 2, together with the long-hole drilling, would provide all necessary information to determine whether the Government should enter into Stage II of the contract.

The company plans to reconstruct a bridge across the Salmon River, which was washed out during the spring floods. They hope to obtain some aid from the county, the forest service, and nearby ranches in its construction.

Attachment 1

Distribution:
DMEA (Orig. & 3)
USBM (2)
USBM (AD)
Docket
Nickelson

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
1201 N. Division St.
Spokane 2, Washington
August 13, 1956

MEMORANDUM

To: DMEA Field Team, Region I, Northwest District

From: D. D. Walker, Mining Engineer, Bureau of Mines

Subject: Interim 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 August 2. The mine foreman was present.

No further work has been done under the DMEA contract since the last inspection on July 9. The drill string was still stuck at 317 feet as reported from the previous inspection.

The bridge across the Salmon River is still out and the road is still in bad shape. Other roads along the river leading to the property are in bad condition but passable.

Work units completed to August 2 are:

	Authorized	Completed
Stage I		
Diamond drilling	1200 feet	1030 feet
Long hole drilling	500 "	300 "
Sampling	60	17
Stage II		
Not started		

D. D. Walker
D. D. Walker

Distribution:
DMEA (4)
USGS (2)
USBM (AD)
Docket
Walker

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AUG 27 1956

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

1201 N. Division St.
Spokane 2, Washington
July 20, 1956

RECEIVED
AUG - 6 1956

MEMORANDUM

To: DMEA Field Team, Region I, Northwest District

From: D. D. Walker, Mining Engineer, Bureau of Mines

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

The property was visited July 9 with A. L. Service, Bureau of Mines engineer. The mine foreman was present.

Diamond drill hole No. 3 has been advanced about 300 feet. No ore was encountered. At the time of the visit the drill string was stuck. About 29 feet of hole remains to be drilled before the anticipated ore horizon is reached. The hole is angled 21° to the right of the adit crosscut and is being drilled at an angle of plus 45°.

Work units completed to July 9 are:

		Authorized	Completed
Stage I			
	Diamond drilling	1,200 feet	1,030 feet
	Long hole drilling	500 "	300 "
	Sampling	60	17
Stage II			
	Not started		

D. D. Walker

D. D. Walker

Distribution:
DMEA (4)
USGS (2)
USBM (AD)
Docket
Walker
M/D

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

RECEIVED
JUL 2 - 1956

1201 N. Division St.
Spokane 2, Washington
June 14, 1956

MEMORANDUM

To: DMEA Field Team, Region I, Northwest District

From: D. D. Walker, Mining Engineer, Bureau of Mines

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

It was not possible to visit the property because heavy spring run-offs had washed out the lower end of the access road and the Salmon River had destroyed the bridge at Rattlesnake Creek. The following information comes from the Operator's report dated June 4.

Diamond drill hole No. 1 was completed at 327 feet and hole No. 2 was completed at 313 feet. Hole No. 3 has been drilled about 100 feet, leaving approximately 220 feet to go to completion. In addition, 17 samples were taken and 50 feet of long hole drilling was completed. Logs of the drill holes are not yet available.

Work units completed to June 4 are:

		Authorized	Completed
Stage I			
	Diamond drilling	1200 feet	730 feet
	Long hole drilling	500 "	300 "
	Sampling	60	17
Stage II			
	Not started		

D. D. Walker

D. D. Walker

Orig. & 3 cys - Wash.
USGS (2)
DMEA
M/D
AD
DDW/he

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

RECEIVED
JUL 2 - 1956

May 25, 1956

MEMORANDUM

To: DMEA Field Team, Region I, Northwest District

From: Howard B. Nickelson, Geologist, U. S. Geological Survey

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

The property was visited on May 18, 19, and 20, 1956. The core from diamond drill holes No. 1 and 2 was logged and Hole No. 3 was located.

Hole No. 3 was turned 21° to the right of Hole No. 1, or 21° to the right of the adit crosscut. It was inclined up 45°.

Hole No. 1 cut no mineral of importance but Hole No. 2 cut 2.6 feet of low-grade ore at 212-214.6 feet. Samples cut from sludge and core containing many ore minerals were sampled and these assays, as well as the logs, accompany the next inspection report.

Distribution:
DMEA (Orig. and 3)
USBM (2)
USBM (AD)
Docket
Nickelson

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
JUN 18 1956

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of April & May, 195 6 Docket No. DMEA 3879 Contract No. Idm E-895
Operator's Name Idaho Consolidated Mines, Inc. Minerals Lead-Zinc
Address 4109 Arcade Bldg Seattle 1, Wash
Contract Amount, $ 17,370.00 Government Participation: 50 % Amount, $ 8,685.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:	3,773.00	250.00	4,023.00	7/24/56 WRK.		6/25/56 J.W.A.
Drilling Core				3654.00	-0-	3654.00
Bulldozing						
Crosscutting						
Drifting						
Longhole drilling				50.00	250.00	300.00
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis				59.50	-0-	59.50
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	3,773.00	250.00	4,023.00	3763.50	250.00	4013.50

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 6-4-56 *Payee Idaho Consolidated Mines, Inc.
Per E. Russel G. Wilson Title President

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—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.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 1881.75

Signature M.G.P.
(Authorized Certifying Officer)

Date 6-15-56 Vou. No. 1797
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E 895 in accordance with the terms of the contract.

Signature /S/ David D Walker Title Mining Engineer Date June 13, 1956

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ A. E. Weissenborn Title Exec. Officer Date June 14, 1956

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
JUN 18 1956

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of [redacted] 195 6 Docket No. DMEA [redacted] Contract No. [redacted]
Operator's Name [redacted] Minerals [redacted]
Address [redacted]

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core		[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Churn [redacted]		50.00	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Auger [redacted]		~~[redacted]~~	[redacted]	~~[redacted]~~	[redacted]	[redacted]	[redacted]	[redacted]
Stripping		59.50		59.50				
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		[redacted]	[redacted]	[redacted]	[redacted]			TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		[redacted] 3763.50	[redacted]	[redacted] 3763.50				19870.00

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

REMARKS:

Date [redacted] Operator [redacted]

Per [redacted] Title [redacted]

NOTE.—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.

(Instructions on reverse)

(For Government use only)

/S/ David D Walker
Mining Engr

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

MINES: SALMON, IDAHO

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JUN 18 1956

IDAHO CONSOLIDATED MINES, INC.

4109 ARCADE BUILDING • SENECA 8356
SEATTLE 1, WASHINGTON

June 4, 1956

NARRATIVE REPORT TO ACCOMPANY FORMS MF-104A & MF-104 for the months of April and May 1956 on Docket No. MMA 3079 Contract No Idm-P-895.

Also accompanying this narrative is one copy of the drill log for the entire six hundred and thirty feet of core drilling, divided into two sections representing core drill holes numbers 1 & 2.

Hole number three has been started and was completed to a point in excess of 100 feet, the projected distance being about 320 feet.

Due to heavy run offs of melting snows the access road to the property was washed out on the lower end and is now being rebuilt. This prevented the drillers from doing any work after May 25th.

The one hundred feet (approximately) drilled on No. three core drill hole is not included in the accompanying vouchers, but will be put in on a later report.

Yours very truly
Idaho Consolidated Mines, Inc.

By: Edmund G. Wilson
Edmund G. Wilson—President

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JUN 18 1956

DMEA Field Team, Region I, NW

June 15, 1956

DMEA Certifying Officer, Region I

Docket DMEA 3879, Contract Idm-E895, 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)
Wash. (2)
AD
Walker

R. V. CAMPBELL
Salmon, Idaho

DIAMOND DRILL REPORT

JOB [illegible] HOLE No. [illegible]

SHIFT [illegible] DATE [illegible] 19[illegible]

Actual Drilling Time [illegible]

Depth of Hole Start of Shift [illegible] Depth End of Shift 313

Distance Drilled [illegible] Feet [illegible] Size Estimate Core Saved 5 Feet

Cement Drilled From [illegible] Feet to [illegible] Feet Total [illegible] Feet [illegible] Size

Reamed From [illegible] Size Hole to [illegible] Size Hole

Reamed From [illegible] Feet To [illegible] Feet Total [illegible] Feet

[illegible] Size Casing Set at [illegible] Feet

Cementing and Drilling Cement [illegible] Hours

Casing Hole and Removing Casing From Hole [illegible] Hours

FROM	TO	FORMATION
		[illegible]
		[illegible]
5	[illegible]	[illegible]

Remarks: Water Loss [illegible] % Condition of Hole [illegible]

Helper [illegible] Driller [illegible]

Hours Worked [illegible] Hours Worked [illegible]

Signature

RECEIVED
JUN 18 1956

R. V. CAMPBELL
Salmon, Idaho

DIAMOND DRILL REPORT

[illegible]

R. V. CAMPBELL
Salmon, Idaho

DIAMOND DRILL REPORT

Turnbuckle [illegible] 1

[illegible] Left [illegible] 19, 19[illegible]

Actual Drilling Time [illegible] hr

Depth of Hole Start of Shift 23 Depth End of Shift 50

Core Drilled [illegible] Feet [illegible] Inches Core Saved 24 Feet

Cement Drilled From [illegible] Feet [illegible] To [illegible] Feet [illegible] Inches Total [illegible] Feet [illegible] Inches

Reamed From [illegible] Feet [illegible] Inches To [illegible] Feet [illegible] Inches

Reamed From [illegible] Feet [illegible] To [illegible] Feet [illegible] Total [illegible] Feet [illegible] Inches

[illegible] Feet Casing Set at [illegible] Feet

Ownership and Drilling Contract

[illegible] and [illegible]

Description and Remarks Casing Pulled [illegible] Feet

From	To	Remarks
23	50	quartzite

Remarks: Water Loss [illegible] % Condition of Hole

2 [illegible] stop for hauling rock

Driller [illegible] Helper [illegible]

Hours Worked [illegible] Hours Worked [illegible]

R. V. CAMPBELL
Salmon, Idaho

DIAMOND DRILL REPORT

Hole No. 1

Actual Drilling Time 8

Depth of Hole Start of Shift 30 Depth End of Shift 73

Diameter Casing Used 4X Diameter Core Barrel 4S

Number Drilled Feet Bit Feet Total Feet

Number Bits Size Bits Used Size Bits

Number Reams Size Bits Used Size Bits

Number Pulls Total Feet Total Feet

Bits Starting End of

Remarks and Drilling Conditions

Casing Bits and Replacing Casing Bits

From	To	Formation
30	73	Fault
		andesite

Remarks Water Level S. Condition of Hole

Driller D. Calkins Helper R. Bagell

Bit Value $ Bit Value $

R. V. CAMPBELL
Salmon, Idaho

DIAMOND DRILL REPORT

Thunder Creek HOLE No. 1

Date Aug 8 Diamond Bit No. 36

Total Rating Hours 8

Length of Hole Start of Day 73 Depth End of Day 102

Diamond Drilled 29 Feet 4 Inches Diamond Core Saved 23 Feet

Casing Drilled Feet Inches Feet Inches Total Feet Inches

Casing From Size Hole to Size Hole

Casing From Size Hole to Size Hole

Total Feet

Size Casing Set at Feet

Formation and Drilling Changes None

Casing Hole and Removing Casing From Hole None

FROM	TO	FORMATION
70	90	Fault
90	102	Granite

Remarks: Water Loss S. Condition of Hole

Driller P. R. Gray Helper R. Gibson

Hours Worked 8 Hours Worked 8

INV. 1 & 2 RECEIVED

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JUN 18 1956

R. V. CAMPBELL
Salmon, Idaho

DIAMOND DRILL REPORT

FOR [illegible] HOLE No. [illegible]

OPER. [illegible] DATE [illegible]

Actual Drilling Time [illegible]

Depth of Hole Start of Shift 102 Depth End of Shift [illegible]

Distance Drilled [illegible] Feet [illegible] Inches Estimate Core Recovery [illegible]

Casing Drilled From [illegible] Feet to [illegible] Feet Total [illegible] Feet [illegible] Inches

Reamed From [illegible] Size Hole to [illegible]

Reamed From [illegible] Feet To [illegible] Feet Total [illegible]

[illegible] Size Casing Set at [illegible]

Cementing and Drilling Cement [illegible] Hours

Cleaning Hole and Removing Casing From Hole [illegible] Hours

FROM	TO	FORMATION
102	131	[illegible]

Remarks: Water Loss [illegible] % Condition of Hole [illegible]

Driller [illegible] Driller [illegible]

Hours Worked [illegible] Hours Worked [illegible]

R. V. CAMPBELL
Salmon, Idaho

DIAMOND DRILL REPORT

For [illegible] HOLE No. 1

Driller [illegible] DATE April 17, 19[illegible]

Actual Drilling Time 8

Depth of Hole Start of Shift 131 Depth End of Shift 145

Distance Drilled 14 Feet AX Size Estimate Core Saved 14 Feet

Diamond Drilled From ____ Feet to ____ Feet Total ____ Feet ____ Size

Reamed From ____ Size Hole to ____ Size Hole

Reamed From ____ Feet To ____ Feet Total ____ Feet

____ Size Casing Set at ____ Feet

Grouting and Drilling Cement ____ Hours

Cleaning Hole and Removing Casing From Hole ____ Hours

FROM	TO	FORMATION
131	145	Lahontan

Remarks: Water Loss ____ % Condition of Hole ____

Helper [illegible] Driller [illegible]

Hours Worked ____ Hours Worked ____

R. V. CAMPBELL
Salmon, Idaho

DIAMOND DRILL REPORT

Hole [illegible] HOLE No. 1

Shift [illegible] DATE [illegible] 18 19 56

Actual Drilling Time 9

Depth of Hole Start of Shift 145 Depth End of Shift 149

Distance Drilled [illegible] Feet [illegible] Size Estimate Core Saved 12 Feet

Cement Drilled From ____ Feet to ____ Feet Total ____ Feet ____ Size

Reamed From ____ Size Hole to ____ Size Hole

Reamed From ____ Feet To ____ Feet Total ____ Feet

____ Size Casing Set at ____ Feet

Cementing and Drilling Cement ____ Hours

Cutting Hole and Removing Casing From Hole ____ Hours

FROM	TO	FORMATION
145	[illegible]	[illegible]

Remarks: Water Loss ____ % Condition of Hole ____

Helper [illegible] Driller [illegible]

Hours Worked 9 Holes Worked 9

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JUN 1 8 1956

R. V. CAMPBELL
Salmon, Idaho

DIAMOND DRILL REPORT

JOB [illegible] HOLE No. [illegible]

SHIFT [illegible] DATE [illegible]

Actual Drilling Time [illegible]

Depth of Hole Start of Shift [illegible] Depth End of Shift [illegible]

Distance Drilled [illegible] Feet Size Estimate Core Recovered [illegible]

Opened Drilled From [illegible] Feet to [illegible] Feet Total [illegible] Feet Size [illegible]

Reamed From [illegible] Size Hole to [illegible] Size Hole

Reamed From [illegible] Feet To [illegible] Feet Total [illegible] Feet

[illegible] Size Casing Set at [illegible]

Cementing and Drilling Cement [illegible] Hours

Shaking Hole and Removing Casing From Hole [illegible] Hours

FROM	TO	FORMATION
[illegible]	[illegible]	[illegible]
[illegible]		[illegible]

Remarks: Water Loss [illegible] % Condition of Hole [illegible]

[illegible]

Helper [illegible] Driller [illegible]

Shift Worked [illegible] Hours Worked [illegible] Signature [illegible]

R. V. CAMPBELL
Salmon, Idaho

DIAMOND DRILL REPORT

JOB [illegible] HOLE No. 1

SHIFT [illegible] DATE [illegible] 19 56

Actual Drilling Time 11

Depth of Hole Start of Shift 1[illegible] Depth End of Shift 191

Distance Drilled [illegible] Feet [illegible] Size Estimate Core Saved 3 Feet

Cement Drilled From ____ Feet to ____ Feet Total ____ Feet ____ Size

Reamed From ____ Size Hole to ____ Size Hole

Reamed From ____ Feet To ____ Feet Total ____ Feet

____ Size Casing Set at ____ Feet

Cleaning and Drilling Cement ____ Hours

Cutting Hole and Removing Casing From Hole ____ Hours

FROM	TO	FORMATION
[illegible]	[illegible]	[illegible]

Remarks: Water Loss ____ % Condition of Hole ____

Helper [illegible] Driller [illegible]
Signature

Hours Worked [illegible] Hours Worked [illegible]

R. V. CAMPBELL
Salmon, Idaho

DIAMOND DRILL REPORT

JOB [illegible] HOLE No. 1

SHIFT [illegible] DATE [illegible] 22, 1956

Actual Drilling Time 9

Depth of Hole Start of Shift 191 Depth End of Shift 213

Distance Drilled 22 Feet 8 Size Estimate Core Saved 13 Feet

Cement Drilled From [illegible] Feet to [illegible] Feet Total [illegible] Feet [illegible] Size

Reamed From [illegible] Size Hole to [illegible] Size Hole

Reamed From [illegible] Feet To [illegible] Feet Total [illegible] Feet

[illegible] Size Casing Set at [illegible] Feet

Cementing and Drilling Cement [illegible] Hours

Cutting Hole and Removing Casing From Hole [illegible] Hours

FROM	TO	FORMATION
191	213	[illegible]
		Of Faults

Remarks: Water Loss [illegible] % Condition of Hole [illegible]

Helper [illegible] Driller [illegible]

Hours Worked 9 Hours Worked 9

R. V. CAMPBELL
Salmon, Idaho

DIAMOND DRILL REPORT

JOB _____ HOLE No. 1

SHIFT 1 _____ DATE [illegible] 24 [illegible] 56

Actual Drilling Time 7

Depth of Hole Start of Shift _____ Depth End of Shift [illegible]

Distance Drilled 5 1 Feet Size _____ Estimate Core Saved [illegible] Feet

Cement Drilled From _____ Feet to _____ Feet Total _____ Feet _____ Size

Reamed From _____ Size Hole to _____ Size Hole

Reamed From _____ Feet To _____ Feet Total _____ Feet

_____ Size Casing Set at _____ Feet

Cementing and Drilling Cement _____ Hours

Cutting Hole and Removing Casing From Hole _____ Hours

FROM	TO	FORMATION
0		

Remarks: Water Loss _____ % Condition of Hole _____

Helper [illegible] Driller [illegible]

Hours Worked 9 Hours Worked 9

R. V. CAMPBELL
Salmon, Idaho

DIAMOND DRILL REPORT

JOB _____ HOLE No. 1

SHIFT _____ DATE _____

Actual Drilling Time _____

Depth of Hole Start of Shift _____ Depth End of Shift 959

Distance Drilled _____ Feet _____ Size Estimate Core Served 11 Feet

Cement Drilled From _____ Feet to _____ Feet Total _____ Feet _____ Size

Reamed From _____ Size Hole to _____ Size Hole

Reamed From _____ Feet To _____ Feet Total _____ Feet

_____ Size Casing Set at _____ Feet

Cementing and Drilling Cement _____ Hours

Casing Hole and Removing Casing From Hole _____ Hours

FROM	TO	FORMATION

Remarks: Water Loss _____ % Condition of Hole _____

Helper _____ Driller _____ Signature

Hours Worked _____ Hours Worked 9

R. V. CAMPBELL
Salmon, Idaho

DIAMOND DRILL REPORT

FOR [illegible] HOLE No. 1

SHIFT [illegible] DATE [illegible] 1956

Actual Drilling Time [illegible]

Depth of Hole Start of Shift [illegible] Depth End of Shift [illegible]

Distance Drilled [illegible] Feet [illegible] Size Estimate Core Saved [illegible] Feet

Cement Drilled From [illegible] Feet to [illegible] Feet Total [illegible] Feet [illegible] Size

Reamed From [illegible] Size Hole to [illegible] Size Hole

Reamed From [illegible] Feet To [illegible] Feet Total [illegible] Feet

[illegible] Size Casing Set at [illegible] Feet

Cementing and Drilling Cement [illegible] Hours

Cutting Hole and Removing Casing From Hole [illegible] Hours

FROM	TO	FORMATION
[illegible]	[illegible]	

Remarks: Water Loss [illegible] % Condition of Hole [illegible]

Helper [illegible] Driller [illegible]

Hours Worked [illegible] Hours Worked [illegible]

R. V. CAMPBELL
Salmon, Idaho

DIAMOND DRILL REPORT

JOB _____ HOLE No. _____

SHIFT _____ DATE _____

Actual Drilling Time _____

Depth of Hole Start of Shift _____ Depth End of Shift _____

Distance Drilled _____ Feet _____ Size Estimate Core Saved _____ Feet

Cement Drilled From _____ Feet to _____ Feet Total _____ Feet

Reamed From _____ Size Hole to _____ Size Hole

Reamed From _____ Feet To _____ Feet Total _____ Feet

_____ Size Casing Set at _____

Cementing and Drilling Cement _____ Hours

Pulling Hole and Removing Casing From Hole _____ Hours

FROM	TO	FORMATION

Remarks: Water Loss _____ % Condition of Hole _____

Helper _____ Driller _____

Hours Worked _____ Hours Worked _____

R. V. CAMPBELL
Salmon, Idaho

DIAMOND DRILL REPORT

JOB _____ HOLE No. 1

SHIFT _____ DATE _____ 19 _____

Actual Drilling Time _____

Depth of Hole Start of Shift _____ Depth End of Shift 29

Distance Drilled _____ Feet | _____ Size Estimate Core Saved 10 Feet

Cement Drilled From _____ Feet to _____ Feet Total _____ Feet | _____ Size

Reamed From _____ Size Hole to _____ Size Hole

Reamed From _____ Feet To _____ Feet Total _____ Feet

_____ Size Casing Set at _____ Feet

Cementing and Drilling Cement _____ Hours

Casing Hole and Removing Casing From Hole _____ Hours

FROM	TO	FORMATION

Remarks: Water Loss _____ % Condition of Hole _____

Helper _____ Driller _____ Signature

Hours Worked _____ Hours Worked _____

R. V. CAMPBELL
Salmon, Idaho

DIAMOND DRILL REPORT

JOB _____ HOLE No. _____

SHIFT _____ DATE _____ 19__

Actual Drilling Time _____

Depth of Hole Start of Shift _____ Depth End of Shift _____

Distance Drilled _____ | _____ Estimate Core Saved _____
Feet Size Feet

Cement Drilled From _____ to _____ Total _____ | _____
Feet Feet Feet Size

Reamed From _____ Size Hole to _____ Size Hole

Reamed From _____ To _____ Total _____
Feet Feet Feet

_____ Size Casing Set at _____ Feet

Cementing and Drilling Cement _____
Hours

Cleaning Hole and Removing Casing From Hole _____
Hours

FROM	TO	FORMATION

Remarks: Water Loss _____ % Condition of Hole _____

_____

_____

Shipper _____ Driller _____
Signature

Hours Worked _____ Hours Worked _____

R. V. CAMPBELL
Salmon, Idaho

DIAMOND DRILL REPORT

JOB _____ HOLE No. 1

SHIFT 1 _____ DATE _____ No. 5

Actual Drilling Time _____

Depth of Hole Start of Shift _____ Depth End of Shift 317

Distance Drilled _____ Feet Size _____ Estimate Core Saved _____ Feet

Cement Drilled From _____ Feet to _____ Feet Total _____ Feet Size _____

Reamed From _____ Size Hole to _____ Size Hole

Reamed From _____ Feet To _____ Feet Total _____ Feet

_____ Size Casing Set at _____ Feet

Cementing and Drilling Cement _____ Hours

Sinking Hole and Removing Casing From Hole 1 Hours

FROM	TO	FORMATION
3		

Remarks: Water Loss _____ % Condition of Hole _____

Helper _____ Driller _____ Signature

Hours Worked _____ Hours Worked _____

R. V. CAMPBELL
Salmon, Idaho

DIAMOND DRILL REPORT

JOB _____ HOLE No. _____

SHIFT _____ DATE _____ 19 _____

Actual Drilling Time _____

Depth of Hole Start of Shift _____ Depth End of Shift _____

Distance Drilled _____ Feet | _____ Size Estimate Core Saved _____ Feet

Cement Drilled From _____ Feet to _____ Feet Total _____ Feet | _____ Size

Reamed From _____ Size Hole to _____ Size Hole

Reamed From _____ Feet To _____ Feet Total _____ Feet

_____ Size Casing Set at _____ Feet

Cementing and Drilling Cement _____ Hours

Casing Hole and Removing Casing From Hole _____ Hours

FROM	TO	FORMATION

Remarks: Water Loss _____ % Condition of Hole _____

up

Helper Tom Langley Driller R. V. Campbell

Hours Worked 9 Hours Worked 9

R. V. CAMPBELL
Salmon, Idaho

DIAMOND DRILL REPORT

JOB _____ HOLE No. _____

SHIFT _____ DATE _____ 19 _____

Actual Drilling Time _____

Depth of Hole Start of Shift _____ Depth End of Shift 70

Distance Drilled _____ Feet _____ Size Estimate Core Saved 33 Feet

Cement Drilled From _____ Feet to _____ Feet Total _____ Feet _____ Size

Reamed From _____ Size Hole to _____ Size Hole

Reamed From _____ Feet To _____ Feet Total _____ Feet

_____ Size Casing Set at _____ Feet

Cementing and Drilling Cement _____ Hours

Casing Hole and Removing Casing From Hole _____ Hours

FROM	TO	FORMATION

Remarks: Water Loss _____ % Condition of Hole _____

Helper _____ Driller _____

Hours Worked _____ Hours Worked _____

R. V. CAMPBELL

Salmon, Idaho

DIAMOND DRILL REPORT

FOR _____ HOLE No. _____

SHIFT _____ DATE _____ 19__

Actual Drilling Time _____

Depth of Hole Start of Shift _____ Depth End of Shift _____

Distance Drilled _____ Feet | _____ Size Estimate Core Saved _____ Feet

Cement Drilled From _____ Feet to _____ Feet Total _____ Feet | _____ Size

Reamed From _____ Size Hole to _____ Size Hole

Reamed From _____ Feet To _____ Feet Total _____ Feet

_____ Size Casing Set at _____ Feet

Cementing and Drilling Cement _____ Hours

Cleaning Hole and Removing Casing From Hole _____ Hours

FROM	TO	FORMATION

Remarks: Water Loss _____ % Condition of Hole _____

Helper _____ Driller _____

Hours Worked _____ Hours Worked _____

R. V. CAMPBELL
Salmon, Idaho

DIAMOND DRILL REPORT

JOB _____ HOLE No _____

SHIFT _____ DATE _____ 19____

Actual Drilling Time _____

Depth of Hole Start of Shift _____ Depth End of Shift _____

Distance Drilled _____ | _____ Estimate Core Saved _____
Feet Size Feet

Cement Drilled From _____ to _____ Total _____ | _____
Feet Feet Feet Size

Reamed From _____ Size Hole to _____ Size Hole

Reamed From _____ To _____ Total _____
Feet Feet Feet

_____ Size Casing Set at _____ Feet

Cementing and Drilling Cement _____
Hours

Casing Hole and Removing Casing From Hole _____
Hours

FROM	TO	FORMATION

Remarks: Water Loss _____ % Condition of Hole _____

Helper _____ Driller _____
Signature

Hours Worked _____ Hours Worked _____

R. V. CAMPBELL
Salmon, Idaho

DIAMOND DRILL REPORT

HOLE No.

DATE

Actual Drilling Time

Depth of Hole Start of Shift Depth End of Shift

Footage Drilled Feet Size Estimate Core Saved

Casing Drilled From Feet to Feet Total Feet

Reamed From Size Hole to Size

Reamed From Feet To Feet Total Feet

Size Casing Set at

Reaming and Drilling Cement Hours

Drilling Hole and Removing Casing From Hole Hours

FROM	TO	FORMATION

Mud: Water Loss % Condition of Hole

Driller

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R. V. CAMPBELL
Salmon, Idaho

DIAMOND DRILL REPORT

Town Park HOLE No. 2

Day DATE

Actual Drilling Time 8

Depth of Hole Start of Shift 163 Depth End of Shift

Footage Drilled 4 Feet Size Estimate Core Saved

Casing Drilled From Feet to Feet Total Feet

Reamed From Size Hole to Size

Reamed From Feet To Feet Total Feet

Size Casing Set at

Reaming and Drilling Cement Hours

Drilling Hole and Removing Casing From Hole Hours

FROM	TO	FORMATION
163	178	Fault

Mud: Water Loss % Condition of Hole

D. Bailey Driller

R. V. CAMPBELL
Salmon, Idaho

DIAMOND DRILL REPORT

Hole _____ HOLE No. _____

Depth _____ DATE _____

Total Drilling Time _____

Total Hole Start of Shift _____ Depth End of Shift _____

Footage Drilled _____ Estimate Core Saved _____
Feet Size

Cement Drilled From _____ to _____ Total _____
Feet Feet Feet

Reamed From _____ Size Hole to _____ Size

Reamed From _____ To _____ Total _____
Feet Feet Feet

_____ Size Casing Set at _____

Reaming and Drilling Cement _____
Hours

Reaming Hole and Removing Casing From Hole _____
Hours

FROM	TO	FORMATION

Mud: Water Loss _____ % Condition of Hole _____

Driller _____

R. V. CAMPBELL
Salmon, Idaho

DIAMOND DRILL REPORT

Hole _____ HOLE No. _____

Depth _____ DATE _____

Total Drilling Time _____

Total Hole Start of Shift _____ Depth End of Shift _____

Footage Drilled _____ Estimate Core Saved _____
Feet Size

Cement Drilled From _____ to _____ Total _____
Feet Feet Feet

Reamed From _____ Size Hole to _____ Size

Reamed From _____ To _____ Total _____
Feet Feet Feet

_____ Size Casing Set at _____

Reaming and Drilling Cement _____
Hours

Reaming Hole and Removing Casing From Hole _____
Hours

FROM	TO	FORMATION

Mud: Water Loss _____ % Condition of Hole _____

Driller _____

R. V. CAMPBELL
Salmon, Idaho

DIAMOND DRILL REPORT

HOLE No.

DATE

Drilling Time

Hole Start of Shift Depth End of Shift

Drilled Feet Size Estimate Core Saved

Drilled From Feet to Feet Total Feet

From Size Hole to Size

From Feet To Feet Total Feet

Size Casing Set at

Cutting and Drilling Cement Hours

Pulling Rods and Removing Casing From Hole Hours

FROM	TO	FORMATION

Water Loss % Condition of Hole

R. V. CAMPBELL
Salmon, Idaho

DIAMOND DRILL REPORT

HOLE No.

DATE

Drilling Time

Hole Start of Shift Depth End of Shift

Drilled Feet Size Estimate Core Saved

Drilled From Feet to Feet Total Feet

From Size Hole to Size

From Feet To Feet Total Feet

Size Casing Set at

Cutting and Drilling Cement Hours

Pulling Rods and Removing Casing From Hole Hours

FROM	TO	FORMATION

Water Loss % Condition of Hole

Driller

R. V. CAMPBELL
Salmon, Idaho

DIAMOND DRILL REPORT

FROM	TO	FORMATION

R. V. CAMPBELL
Salmon, Idaho

DIAMOND DRILL REPORT

HOLE No.

DATE

Drilling Time

Hole Start of Shift Depth End of Shift

Drilled Feet Diameter Core Barrel Size

Drilled From Feet To Feet Total Feet

Drilled From Feet Size Hole to Feet Size

Drilled From Feet To Feet Total Feet

Size Casing Set at

Casing and Drilling Changes Sizes

Hole and Remaining Casing Sizes Size

FROM	TO	FORMATION

Water Loss % Condition of Hole

R. V. CAMPBELL
Salmon, Idaho

DIAMOND DRILL REPORT

R. V. CAMPBELL
Salmon, Idaho

DIAMOND DRILL REPORT

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
1201 N. Division St.
Spokane 2, Washington
May 17, 1956

RECEIVED
JUN 7 1956

MEMORANDUM

To: DMEA Field Team, Region I, Northwest District

From: A. L. Service, Mining Engineer, Bureau of Mines

Subject: Interim inspection, Docket No. DMEA-3879 (lead-zinc), Idaho Consolidated Mines, Twin Peaks Mine, Lemhi County, Idaho, Contract No. Idm-E895

Project diamond drilling at the subject property was inspected on May 14. DDH No. 1, drilled in line with the No. 1 adit, was completed at 327 feet. The core showed minor amounts of PbS. DDH No. 2 was in progress and had been drilled to about 235 feet. There was sulphide mineral scattered through the first 70 to 80 feet. Core recovery on both holes is estimated at between 80 to 90 percent.

Work units completed to May 14 are:

		Authorized	Completed
Stage I			
	Diamond drilling	1,200 feet	562 feet
	Longhole "	500 "	250 "
	Sampling	60 units	none
Stage II			
	Not started		

A. L. Service

A. L. Service

Orig. & 3 cys - Wash.
USGS (2)
DMEA
M/D
AD
ALS/he

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

1201 N. Division St.
Spokane 2, Washington
April 24, 1956

MEMORANDUM

To: DMEA Field Team, Region I, Northwest District

From: A. L. Service, Mining Engineer, Bureau of Mines

Subject: Interim inspection, Docket No. DMEA-3879 (lead-zinc), Idaho Consolidated Mines Co., Twin Peaks Mine, Lemhi County, Idaho, Contract No. Idm-E895

The project work at the Twin Peaks mine was inspected on April 11. Diamond drilling had just started and about 15 feet of hole completed. Core recovery was excellent from AX size hole. The first hole is being drilled on a $+60^{\circ}$ incline along the No. 1 adit.

No further project work has been done, but a long hole from the face of the newly completed drift driven south to the No. 5 long hole has been approved.

Work units completed to April 11 are:

Stage I

	Authorized	Completed
Diamond drilling	1200 feet	15 feet
Long hole "	500 "	250 "
Sampling	60	none

Stage II

Not started

A. L. Service

A. L. Service

Orig. & 3 cys - Wash.
USGS (2)
DMEA
M/D
AD
ALS/he

RECEIVED
MAY 4 - 1956

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

RECEIVED
APR 23 1956

April 12, 1956

MEMORANDUM

To: DMEA Field Team, Region I, Northwest District

From: Howard B. Nickelson, Geologist, U. S. Geological Survey

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

The property was visited March 30, 1956. The crosscut driven at company expense was mapped, the east wall was sampled, and the long holes were located, as shown on the attached map.

The miners stated that the diamond drill contractor plans to start drilling as soon as the road is passable. The miners were instructed as to the attitude of the first hole. This hole will be drilled in the same direction as the main adit and inclined up 60°. Location of the drill station is shown on the attached map.

Long Hole No. 5 encountered some ore near the end of the hole and the Operator suggested a long hole be drilled from the face of the newly driven crosscut as shown on the attached map. This hole was approved because values were cut in the end of Long Hole No. 5; this hole would further explore this showing.

The Operator plans to test the upper level immediately by long-hole drilling at company expense because the diamond drillers will be blocking the main adit. They plan to mill test the ore cut in the crosscut in order to determine the grade more accurately. The ore in the crosscut occurs in bunches from 4 to 6 feet in diameter which makes it doubtful if the material is of ore grade.

The results of the sampling will be shown on the next inspection report.

Samples from the cuttings from Long Hole No. 6 were examined and none of the samples contained sufficient ore minerals to warrant sampling.

Attachment 1
Distribution:
DMEA (Orig. & 3)
USBM (2)
USBM (AD)
Nickelson

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

RECEIVED
APR 12 1956

1201 N. Division St.
Spokane 2, Washington
March 19, 1956

MEMORANDUM

To: DMEA Field Team, Region I, Northwest District

From: A. L. Service, Mining Engineer, Bureau of Mines

Subject: Interim inspection, Docket No. DMEA-3879 (lead-zinc), Idaho Consolidated Mines, Lemhi County, Idaho, Contract No. Idm-E895

The Twin Peaks mine was visited on March 7. Three miners were working at the mine.

No further progress has been made on the project work but the Operators have started a crosscut near longhole No. 5. The heading has been driven about 25 feet through good copper and lead ore. The Operator has been notified that this work is not justified and under the terms of the contract will probably not be paid for. (See Field Team letter dated March 12, 1956.)

A contract driller has been located and diamond drilling from the No. 1 adit will start soon.

Project work is being conducted in a miner-like manner. Work units completed to March 7 are:

		Authorized	Completed
Stage I			
	Diamond drilling	1200 feet	--
	Longhole "	500 "	250 feet
	Sampling	60 units	--
Stage II			
	Not started		

A. L. Service

Orig. & 3 cys - Wash.
USGS (2)
DMEA
M/D
AD
ALS/he

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

RECEIVED
MAR 26 1956

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of January 1956 Docket No. DMEA 3879 Contract No. DM E 895

Operator's Name Idaho Consolidated Mines, Inc. Minerals Lead-Zinc

Address 4100 Arcade Bldg, Seattle 1, Wash.

Contract Amount, $17,370.00 Government Participation: 50 % Amount, $ 8675.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:				4/3/56 WPK		
Drilling	250.00	-0-	$250.00	250.00	-0-	250.00
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$250.00	-0-	$250.00	250.00	-0-	250.00

I certify that the above bill is correct and just and that payment therefor has not been received.

Date 2-15-56 *Payee Idaho Consolidated Mines, Inc.

Per Edmund K. Wilson Title President

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

→ NOTE.—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.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$125.00

Signature MEP
(Authorized Certifying Officer)

Date 2/21/56 Vou. No. 1716
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E895 in accordance with the terms of the contract.

Signature /S/ Alfred R Service Title Mining Engr Date 2/21/56

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ Wing G Agnew Title acting Exec. Officer Date 2/21/56

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
MAR 26 1956

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of January 1956 Docket No. DMEA 3879 Contract No. IDM E 895
Operator's Name Idaho Consolidated Mines, Inc. Minerals Lead-zinc
Address 4109 Arcade Bldg. Seattle 1, Wash.

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: ~~Core~~ Long Hole		$250.00	250	$250.00	250	$1.00	500	$1.00/ft
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Assays Stage I							60	$3.50 ea.
TOTAL DISTRIBUTED COSTS		$250.00	250	$250.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		$250.00	250	$250.00				$17,370.00

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date 2-15-56 Operator Idaho Consolidated Mines, Inc

By Edmund F. Wilson Title President

NOTE.—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.

REMARKS:

(Instructions on reverse)

(For Government use only)

/s/ Alfred R. Service
Mining Engr.

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

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

RECEIVED
MAR 8 1956

February 15, 1956

Long Hole No. I Drilled West, 52',0" in Depth,100' North Station 1560.

0'0" to 8',0" hard
8',0" to 11',0" Soft
11' 0"to 12',6" med.Hard
12.6 to 23.0 hard
23.0 to 38.3 Medium
38.3 to 39.0 soft
39.0 to 50.0 hard

Sample No.1 saved for inspection of DMEA only for determinative analysis, small stringers at 8' 8" and at 23',0"

Long Hole No. 2 drilled east
Same point as No.1.

0' 0" to 29' 0" medium
29',0" to 33' 6" hard
33' 6" to 40' 0" soft
40',0" to 50' 0" medium

Sample kept from 37' 0" to 50',0" which seemed continious mineralization leaving off in mineralization

Long Hole No. 3 drilled west 50' in depth, 65' north of station 1400

0' 0" to 10' 0" medium
10'0" to 29',0" soft
29' to 32' hard
32' to 32.6" soft
32.6 to 33.0 hard
33 to 42.6 medium
42.6 to 43 hard
43.0 to 43.6 soft
43.6 to 43.10 hard
43.10 to 44.6 soft
44.6 to 48.0 hard
48.0 to 50.0 soft

Sample 1 -12.6 to 26
" 2-33 to 36
" 3 38.6 to 43
" 4 43.6 to 44.6
" 5 48.0 to 50.0

Drill left off in mineralization at depth of 50'

Long hole No.4 drilled west about 115' north station 1400 to a deptth of 50'

0" 0" to 10.0 soft
10.0 to 12.0 hard
12.0 to 12.6 soft
12.6 to 15.0 hard
15.0 to 20.0 soft
20.0 to 22.0 hard
22.0 to 23.0 Soft
23.0 to 23.6 hard
23.6 to 28.8 soft
28.6 to 29.6 Hard
29.6 to 4100 soft
41.0 to 42.0 hard
42.0 to 47.0 soft
47.0 to 50.0 hard

Four Samples on No 4 kept as follows:
26.26.0 to 28.0
32.0 to 41.0
42.0 to 43.0
47.0 to 50.0

This hole seemed to dtart duplicating no 3 hole at about 26 feet in.

Long hole No.5 drilled west 51 feet in depth about 65' south of station 1300

0.0 to 30.0 medium
30.0 to 34.0 soft
34.0 to 35.9 hard
35.9 to 38.9 soft
38.9 to 42.0 hard
42.0 to 51.0 medium

Samples on this hole were kept to a total of 7, as follows:
9' 0" to 15' 9"
16.3 to 22.0
22.0 to 26.0
26.0 to 36.0
36.0 to 38.9
38.9 to 41.6
41.6 to 42.0

NOTE:No. 5 hole samples were also kept to depth of 51 feet. This hole had a stuck drill and was completed from 42 feet to 51 feet after log was sent to this office.

No 6 hole was not laid out by your engineers at the time theye were there however it was put in and seemed to duplicate No 5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~

1201 N. Division St.
Spokane 2, Washington
January 24, 1956

RECEIVED
FEB 13 1956

MEMORANDUM

To: DMEA Field Team, Region I, Northwest District

From: A. L. Service, Mining Engineer, Bureau of Mines

Subject: Interim inspection, Docket No. DMEA-3879 (lead-zinc), Idaho Consolidated Mines, Lemhi County, Idaho, Contract No. Idm-E895

An inspection of the project work at the Twin Peaks property, south of Salmon, Idaho, was made on January 11, accompanied by E. W. Parsons, Bureau of Mines engineer.

Initial operating difficulties have been remedied and the project work is progressing normally. The Operators have drilled five long holes from the 1525, 1400, and 1300 stopes. Of the first two holes drilled from the 1525 stope, one showed some mineral in the sludge. The third and fourth holes drilled from the 1400 stope produced a fair amount of mineral in the sludge and the last hole drilled from the 1300 stope was barren for the first 25 or 30 feet. A fouled steel prevented further drilling in this hole.

The diamond drill station in the main adit has been drilled and will be blasted as soon as word is received concerning the drilling contract. The station is located about 1100 feet in from the portal of the number 3 adit.

The project work is being done in a workmanlike manner. The work units completed to January 11 are:

	Authorized	Completed
Stage I		
Diamond drilling	1200 feet	--
Long hole "	500 "	250 feet *
Sampling	60 units	--
Stage II - not started		

*This footage is subject to change as exact figures were not available.

A. L. Service

Orig. & 3 cys - Wash.
USGS (2)
DMEA
M/D
AD
ALS/he

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

RECEIVED
JAN 23 1956

January 10, 1956

MEMORANDUM

To: DMEA Field Team, Region I, Northwest District

From: Howard B. Nickelson, Geologist, U. S. Geological Survey

Subject: Initial Inspection, Docket No. DMEA-3879 (Lead-Zinc), Idaho Consolidated Mining Company, Twin Peaks Mine, Lemhi County, Idaho, Contract No. Idm-E895

The initial inspection was made on December 7, 1955, accompanied by A. L. Service, U. S. Bureau of Mines engineer, and Edmund G. Wilson, president of the Corporation.

The location of the long holes was discussed, and the location of the diamond drill station was discussed and located.

On December 12 the property was visited to show the miners how to drill the long holes so they could continue with the other holes at location marked. The first hole (35 feet) drilled from the drift off 1525 Stope did not intersect any commercial ore.

Ventilation in the mine is poor because the generator which drives the fans was broken.

Distribution:
DMEA (Orig. & 3)
USBM (2)
USBM (AD)
Docket
Nickelson

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

1201 N. Division St.
Spokane 2, Washington
December 21, 1955

RECEIVED
JAN 3 1956

MEMORANDUM

To: DMEA Field Team, Region I, Northwest District

From: A. L. Service, Mining Engineer, Bureau of Mines

Subject: Initial inspection, Docket No. DMEA-3879 (lead-zinc), Idaho Consolidated Mining Company, Twin Peaks Mine, Lemhi County, Idaho, Contract No. Idm-E895

The initial inspection of the Twin Peaks property was made on December 7, accompanied by H. B. Nickelson, U.S.G.S., and Edmund G. Wilson, partner. There were several men working on the surface.

The proposed work program was discussed at length and the locations for long hole drilling were tentatively decided on. The first diamond drill holes were spotted and the Operators were advised that a drill station would be needed. They decided to put one in at their own expense. The compressor and blower were down for repairs, and we did not go underground.

Early in the following week Mr. Nickelson got the Operators started on the long hole drilling program. The first hole was drilled from the 1525 stope, a distance of 35 feet. There was no ore showing in the cuttings and sludge of the hole. The Operators intend to carry on the program.

Snow conditions in the area were not severe, but it is expected that access to the property will be difficult from now on.

The work units authorized by the contract are:

Stage I		
	Diamond drilling	1200 feet
	Long hole drilling	500 "
	Sampling	60 units
Stage II		
	Drift, crosscut, and raise	300 feet
	Timber	100 "
	Sampling	40 units

Orig. & 3 cys - Wash.
USGS (2)
DMEA
M/D
AD
ALS/he

A. L. Service
A. L. Service

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

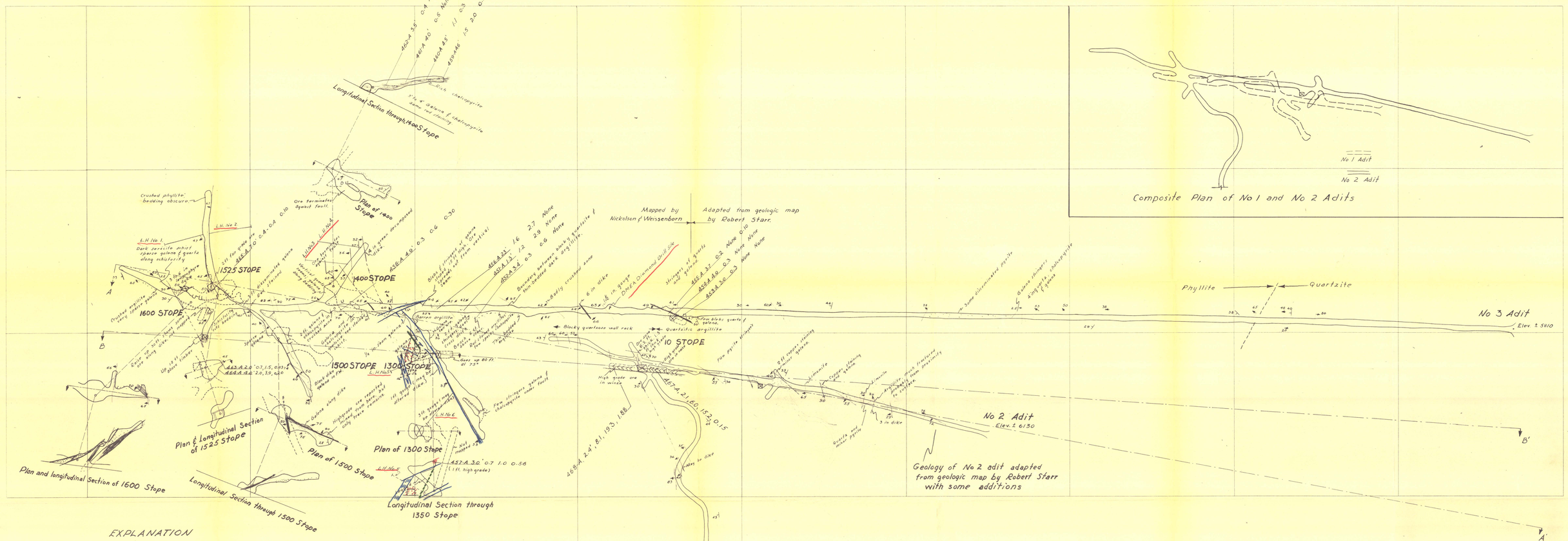
June 1955

Scale 1" = 40'

Minor additions by alvord

NOV 20 1957

Docket No. DMEA-3879



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